

**FLORIDA BIRTH-RELATED NEUROLOGICAL INJURY
COMPENSATION ASSOCIATION
BOARD MEETING AGENDA**

October 28, 2021
Video Conference Call Meeting
10:00 a.m.

Note: There will be a 10-minute break at 11:30 and 2:30 and a 30-minute lunch break from 12:30 to 1:00

1. Call to Order and Welcome
2. Minutes.....P
3. Interim Executive Director and Search
4. Operational Documents
 - A. Plan of Operations.....Q
 - B. Draft Benefit Handbook and Benefits List.....R
 - C. Policies and Procedures.....S
5. November Report to Governor, Legislature and CFO.....T
6. Reserve Evaluation and Claims Status
 - A. March 2021.....U
 - B. June 2021.....V
7. Investments
 - A. Background and Roles.....W
 - Internal Investments - Katy Wojciechowski
 - External Consultant - Wilshire - Felicia Bennet
 - B. NICA Investment Performance Update.....X
 1. Economic Fundamentals
 2. Recent Performance
 - C. Performance Review.....Y
 - Peer Review
 - Watchlist
 - D. Future Study Recommendations
 - Cash Flow Study
 - Asset Allocation Study
8. Audited Financial Statements – June 30, 2021.....Z

Public Testimony

9. Other Business
10. Proposed Meeting Dates:
 - December 9 or 16, 2021 – Teleconference Meeting?
 - March 10 or 17, 2022 – Teleconference Meeting?
 - August 25, 2022 – Orlando Airport Hyatt

Adjourn

Agenda Item # 2 (Tab P)

Minutes

MINUTES OF THE MEETING
THE FLORIDA BIRTH-RELATED
NEUROLOGICAL INJURY COMPENSATION ASSOCIATION

September 16, 2021
Virtual Meeting via Zoom Video and Zoom Conference Call

The meeting start time was delayed from 1:00 p.m. to 1:30 p.m.

The September 16, 2021 meeting of the Board of Directors of the Florida Birth-Related Neurological Injury Compensation Association was called to order by Chair, Jim DeBeaugrine.

Board members present and constituting a quorum were:

Jim DeBeaugrine, MPA
Renee Oliver
Julie Ann Zemaitis DeCesare, MD
Robert A. London, M.D.

Also present:

Kenney Shipley, NICA Executive Director
Tim Daughtry, NICA Deputy Director
Steve Ecenia, NICA General Counsel
Tana Story, NICA General Counsel's Office
Matt Dufek, Kikoda/NICA's IT Contractor
Linda Nelson, NICA Compliance
Michael Glazer, Ausley McMullen
Mark Herron, Messer Caparello
Christi Alexander, Auditor General's Office
Joshua Barrett, Auditor General's Office
Tasha Carter, Florida Insurance Consumer Advocate,
Denishia Sword, Office of the Insurance Consumer Advocate
Russell Perkins, Thomas Howell Ferguson
Mark Crawshaw, Madison Consulting
Felicia Bennett, Wilshire Consulting
Katy Wojciechowski, NICA Investment Consultant
Ryan Cohn, Sachs Media
Juliet Hauser, Sachs Media
Carol Marbin Miller, Miami Herald
Don Rubottom, Public Integrity & Elections Committee
Daryl Saylor, Lash and Goldberg
Marty Goldberg, Lash and Goldberg
Jonathan Siegelau, Lash and Goldberg
David Caldevilla, de la Parte & Gilbert
Lisa M. Johnson
Adnan Virani, Sterling Capital

Michelle Glisar
Robin Hagerstrom
Becky Griffith
Jessica Lorenzi
Anoush Brangaccio
Ashley Hammer
Jay Parrish
Patricia Parrish
Ruth Jacques
Paul Whitfield
Chelsea Reyes
Michelle Perez
Nicole Snipes
Christine Smith
Florence Snyder
David Morgan
Esther Morgan
Sean Correia
Rebecca Baer
Sabrina Jostes
Barbara Lopez Avila
Mellisa Lagana
Julie Nguyen
Dr. Jackie Amorim
Sherri Cruz
Eddie Reyes
Ann Goshorn
James Johnson
Luke Harrison
Jennifer Pham
Nina Wilcox
Rachel Rexford
Fatima Cruz
Dan Bookhout
Christiana Buffington
Kaitlyn Earle
Virginia Prue
Kristen Aubrey
Jayme O'Connell
Laura Sokalski
C Robert West
Elizabeth Hoo

**Attendees who did not provide full names, were only logged in briefly or who did not identify themselves are not included on this list.

The Chair went over the Zoom guidelines for the meeting participants and advised attendees that the meeting was being recorded. He asked that public comments be kept to the issues and avoid personal attacks.

The Chair and other Board members introduced themselves and discussed their backgrounds.

NICA's General Counsel, Steve Ecenia made the following request:

Mr. Chair. I would like to request an Executive Session of Board at this meeting to discuss pending litigation to which NICA is presently a party. Because this is the first meeting of the Board since the new members were appointed, I am making this request at the start of this meeting but will try, in the future, to make similar requests at the meeting preceding the meeting at which the executive session will be held. In anticipation of this request, we did add the Executive Session for today to the agenda so there has been adequate advance notice that an executive session would be held as part of this meeting.

The Chair granted Mr. Ecenia's request.

The Chair advised attendees of the meeting that the Board would be meeting in Executive Session to discuss confidential items regarding pending litigation.

The Executive Session would convene at 3:00 pm. If other agenda items run long, the Executive Session would convene at the conclusion of item 5 on the agenda.

The Chair asked for a motion to approve the minutes of the December 4, 2020 Board meeting.

A motion was made to approve the minutes as drafted. The motion passed unanimously.

A few of the attendees by phone and some by Zoom had not identified themselves. The Chair asked that any attendees participating by phone please identify themselves. There was no response.

Orientation

Steve Ecenia advised the Board members of the powers and responsibilities of the Board as detailed in Section 766.315, Florida Statutes.

The Chair advised the Board that the Board would need to undergo a search for a new Executive Director as Ms. Shipley had indicated that she would like to retire.

Mike Glazer of Ausley McMullen followed with a presentation and discussion of Florida's open government laws and HIPAA and how those laws interrelate and how they apply to NICA.

Mike Herron then discussed ethics and conflicts of interest and the new provisions outlined in Senate Bill 1786.

Change in Order of Agenda

The Chair asked the other Board members if there was any objection to going ahead with public testimony earlier than listed on the agenda so as to allow time to hear all members of the public attending the meeting to speak. There was no objection.

Staff Recommendations for Benefit Changes

Prior to public testimony, the Chair asked Ms. Shipley to review the benefit change recommendations from NICA staff.

Staff Recommendations:

- Apply the Housing and Construction benefit language to include paying down or paying off an existing mortgage.
- Reimburse parents for 24 hours a day for in-hospital care at the Family Care rate.
- Set an allowable amount for “reliable transportation” of \$30,000 to meet the need to get to medical appointments.

Public Testimony

Several families of NICA participants addressed the Board regarding their experiences with NICA.

Executive Session

The Board then met in Executive Session.

Board members present were:

Jim DeBeaugrine, MPA
Renee Oliver
Julie Ann Zemaitis DeCesare, MD
Robert A. London, M.D.

Also present:

Kenney Shipley, NICA Executive Director
Steve Ecenia, NICA General Counsel
Tana Storey, NICA General Counsel’s office
Marty Goldberg, Lash and Goldberg
Jonathan Siegelau, Lash and Goldberg
Daryl Saylor, Lash and Goldberg

MaryKay Horvath, Court Reporter, Phipps Reporting
Matt Dufek, Kikoda (NICA IT Consultant-managing Zoom for meeting)

Pending litigation was discussed.

The Executive Session ended.

Resumed Public Session

The Chair reconvened the public session of the meeting.

The Chair stated that the Board would probably not be able to cover all the agenda items and some items would have to be covered at a future meeting.

Staff Recommendations for Benefit Changes

The Chair asked Ms. Shipley to repeat the staff recommendations for benefit changes.

Staff Recommendations:

- Apply the Housing and Construction benefit language to include paying down or paying off an existing mortgage.
- Reimburse parents for 24 hours a day for in-hospital care at the Family Care rate.
- Set an allowable amount for “reliable transportation” of \$30,000 to meet the need to get to medical appointments.

A motion was made to approve the staff recommendations for benefit changes. The motion passed unanimously.

Executive Session Attendees and Future Executive Session

The Chair then listed those who were in attendance at the Executive Session.

The Chair recognized Steve Ecenia who requested that the Board hold an Executive Session at its next Board meeting to seek advice regarding pending litigation to which NICA is presently a party.

The Chair granted the request.

Audits

Auditor General Report

Josh Barrett of the Auditor General’s office presented the operational audit report dated August 2021.

Consumer Advocate Family Survey

Tasha Carter, Insurance Consumer Advocate of the Florida Department of Financial Services presented and discussed the NICA Participant Survey completed by her office.

Annual Financial

Russell Perkins of Thomas Howell Ferguson discussed the audit of the June 30, 2021 financial statements of NICA. The audit report would be voted on at the next Board meeting.

Adjourn

There being no further business before the Association, the meeting was adjourned.

Agenda Item # 4.A. (Tab Q)

Plan of Operation

THE FLORIDA BIRTH-RELATED NEUROLOGICAL INJURY COMPENSATION PLAN

PLAN OF OPERATION

SECTION 1. PURPOSE

The Florida Birth-Related Neurological Injury Compensation Association (the “Association” and/or “NICA”) was established in accordance with the provisions of Section 766.315, Florida Statutes, as amended, to administer the Florida Birth-Related Neurological Injury Compensation Association Plan (the “Plan”) and the Plan of Operation established in Section 766.314, Florida Statutes, as amended.

The purpose of the Plan of Operation is to provide for the efficient administration of the Florida Birth-Related Neurological Injury Compensation Association and for the prompt processing of claims against any awards made on behalf of the Plan.

SECTION 2. DEFINITIONS

A. “Assessment Year” means the period from January 1st through December 31st of each calendar year.

B. “Association” means the Florida Birth-Related Neurological Injury Compensation Association established in Section 766.315, Florida Statutes, as amended, to administer the Florida Birth-Related Neurological Injury Compensation Plan and the Plan of Operation established in Section 766.314, Florida Statutes, as amended.

C. “Birth-Related Neurological Injury” means injury to the brain or spinal cord of a live infant weighing at least 2,500 grams for a single gestation, or, in the case of a multiple gestation, a live infant weighing at least 2,000 grams at birth, caused by oxygen deprivation or mechanical injury occurring in the course of labor, delivery or resuscitation in the immediate post-delivery period in the hospital, which renders the infant permanently and substantially mentally and physically impaired. This definition shall apply to live births only and shall not include disability or death caused by genetic or congenital abnormality.

D. “Board” means the Board of Directors of the Florida Birth-Related Neurological Injury Compensation Association appointed by the Chief Financial Officer pursuant to Section 766.315 Florida Statutes, as amended.

E. “Brain” means that portion of the cerebro-spinal axis that is contained within the cavity of the cranium and that consists of five major parts including the cerebral hemispheres, cerebellum, brain stem, and midbrain.

F. “Claimant” means any person who files a claim pursuant to Section 766.305, Florida Statutes, as amended, for compensation for a birth-related neurological injury to an infant. A claim may be filed by any legal representative who files a claim on behalf of an injured infant;

and, in the case of a deceased infant, by an administrator, personal representative or other legal representative of the deceased infant.

G. “Administrative Law Judge” means an administrative law judge appointed by the Division of Administrative Hearings.

H. “Delivery” is the moment when the fetus is expelled from the vaginal canal or mechanically removed from the uterus.

I. “Division” means Division of Administrative Hearings of the Department of Management Services.

J. “Florida Birth-Related Neurological Injury Compensation Plan,” hereinafter referred to as the “Plan,” means the program administered by the Florida Birth-Related Neurological Injury Compensation Association established pursuant to Section 766.303, Florida Statutes, as amended, for the purpose of providing compensation, irrespective of fault, for birth-related neurological injury claims for births occurring on or after January 1, 1989.

K. “Hospital” means any hospital licensed in Florida pursuant to Chapter 395, Florida Statutes.

L. “Labor” generally means the process by which the fetus is expelled from the uterus through the vagina, beginning with the onset of regular uterine contractions (generally at 10-to-15-minute intervals) that increase in frequency and grow more painful with time, and that result in the progressive dilation or effacement or delivery of the infant and placenta.

M. “Participating Physician” means a physician licensed in Florida to practice medicine who practices obstetrics or performs obstetrical services either full time or part time, and who has paid, or was exempted from payment at the time of the injury, the assessment required for participation in the birth-related neurological injury compensation plan for the year in which the injury occurred. This term does not apply to any physician who practices medicine as an officer, employee, or agent of the Federal Government.

N. “Permanent and substantial mental and physical impairment” means a neurological injury caused by oxygen deprivation or mechanical injury during labor, delivery, or resuscitation in the immediate post-delivery period in a hospital that leaves the infant both mentally and physically impaired.

O. “Permanently” as used in the phrase “permanently and substantially mentally and physically impaired” means that it must be determined that the neurological injury will exist throughout the life of the affected infant within a reasonable degree of medical probability.

P. “Substantially” as used in the phrase “permanently and substantially mentally and physically impaired” denotes a “catastrophic” mental and physical injury, as opposed to one that might be described as “mild” or “moderate.”

Q. “Spinal Cord” refers to the ovoid column of neural tissue extending caudally from the level of the medulla oblongata to the fourth sacral dermatome.

SECTION 3. ADMINISTRATION

A. Board of Directors

The Plan shall be governed by a Board of Directors that shall be known as the “Florida Birth-Related Neurological Injury Compensation Association.” The directors serve without salary, but each director is entitled to receive reimbursement for actual and necessary expenses incurred in the performance of official duties as a director of the Plan, in accordance with Section 112.061, Florida Statutes.

The Board shall consist of seven (7) members selected and appointed by the Chief Financial Officer as mandate in section 766.315, Florida Statutes, as follows:

- One citizen representative who is not affiliated with any of the groups set forth below;
- One representative of the participating physicians whom the Chief Financial Officer may select from a list of at least three (3) names recommended to him by the Florida Obstetric and Gynecologic Society. [Note: A participating physician who is named in a pending petition for a claim may not be appointed to the Board];
- One representative of hospitals selected by the Chief Financial Officer from a list of at least three (3) names recommended to him by the Florida Hospital Association;
- One representative of casualty insurers selected by the Chief Financial Officer from a list of at least three (3) names, one of whom is recommended by the American Insurance Association, one of whom is recommended by the Alliance of American Insurers and one of whom is recommended by the National Association of Independent Insurers;
- One representative of physicians other than participating physicians whom the Chief Financial Officer selects from a list of at least three (3) names recommended to him by the Florida Medical Association and at least three (3) names recommended to him by the Florida Osteopathic Medical Association;
- One parent or legal guardian representative of an injured infant under the Plan; and
- One representative of an advocacy organization for children with disabilities.

The Chief Financial Officer shall not be bound to accept any of the recommendations made by any of the groups referenced above relating to the appointment of Board members.

B. Terms

The members of the Board are appointed to serve three (3) year terms except that the initial appointments shall be staggered terms. A director may not serve for more than six (6) consecutive years.

The Governor or Chief Financial Officer may remove a director from office for misconduct, malfeasance, misfeasance, or neglect of duty in office. Vacancies on the Board are to be filled as specified in section 766.315, Florida Statutes. If any vacancy on the Board should arise, the Board shall notify the Chief Financial Officer. Where applicable, the Chief Financial Officer shall promptly notify the appropriate associations or persons identified in section 766.315, Florida Statutes that a position has been vacated, which in turn shall make recommendations to the Chief Financial Officer for filling the vacancy. The Chief Financial Officer shall not be bound to accept any or all of the recommendations made.

C. Officers

The Chief Financial Officer shall select the Chair of the Board and the Board may appoint one of its members to serve as Vice Chair. Other officers, as deemed necessary, shall be elected by the Board from among its members. Any vacancy in the office of the Chair or Vice Chair shall be filled at the earliest convenient time after such vacancy occurs in the same manner as appointed. The Chair shall preside at all meetings and shall discharge such other duties incidental to the office as the Association may require.

D. Meetings

The Chair shall call all meetings of the Board. The Board shall meet as necessary. At any meeting of the Board, each Board member shall have one (1) vote. An appointed director who is a participating physician, however, may not vote on any board matter relating to a claim accepted for an award for compensation if the physician is named in the petition for the claim. *See also Section 1. K. - Code of Ethics below for other restrictions on member votes.*

The Board shall transact business or exercise any power of the Plan only upon the affirmative vote of at least four (4) Directors.

All meetings of the Board of Directors are subject to the requirements of section 286.011, Florida Statutes. The Board may adopt rules of procedure governing the conduct of its meetings as it deems necessary.

E. Meeting Agenda/Public Notice/Minutes

Except in the case of emergency meetings, NICA shall give notice of any Board meeting by publication of such notice on NICA's website not fewer than seven (7) days prior to the meeting. NICA shall prepare an agenda for the meeting in sufficient time to ensure that a copy of the agenda may be received at least 7 days before the meeting by any person who requests a hard copy. NICA may charge a reasonable cost for the hard copy of the agenda.

The agenda shall contain items to be considered in order of presentation and a telephone number for members of the public to participate telephonically at the board meeting. After the agenda has been made available, no changes shall be made except for good cause as determined by the Chair of the Board or his designee presiding over the meeting. A statement must be made

on the record regarding the finding of good cause to allow a change in the agenda. Notification of any such change must be provided at the earliest practicable time.

The agenda, along with any meeting materials available in electronic form, excluding confidential and exempt information, shall be published on NICA's website. Minutes shall be made of all meetings of the Board and shall be submitted for ratification by the Board at the next meeting following the meeting for which the minutes were made. Once approved, the minutes shall be posted on NICA's website.

F. Powers and Duties

The Board has the power to:

- Administer the Plan.
- Administer the funds collected on behalf of the Plan.
- Administer the payment of claims on behalf of the Plan.
- Direct the investment and reinvestment of any surplus funds over losses and expenses, if any investment income generated thereby remains credited to the Plan.
- Reinsure the risks of the Plan in whole or in part.
- Sue and be sued, and appear and defend, in all actions and proceedings in its name to the same extent as a natural person. However, the Board does not waive sovereign immunity, except to the extent necessary to pay claims.
- Have and exercise all powers necessary or convenient to affect any or all of the purposes for which the Plan is created.
- Enter into such contracts as are necessary or proper to administer the Plan.
- Employ or retain such persons as are necessary to perform the administrative and financial transactions and responsibilities of the Plan and to perform other necessary and proper functions not prohibited by law.
- Take such legal action as may be necessary to avoid payment of improper claims.
- Indemnify any employee, agent, member of the Board of Directors or alternate thereof, or person acting on behalf of the Plan in an official capacity for expenses, including attorney fees, judgments, fines, and amounts paid in settlement actually and reasonably incurred in connection with any action, suit, or proceeding including any appeal thereof arising out of such person's capacity to act on behalf of the Plan, if such person acted in good faith and in a manner he reasonably believed to be in, or not opposed to, the best interest of the Plan and the health and best interest of the child having birth-related neurological injuries, and if, with respect to any criminal action or proceeding, such person had reasonable cause to believe his conduct was lawful.

G. NICA Office(s)

The office space and physical facilities necessary to implement and maintain the Plan shall be located at such location within the State of Florida as the Board may designate. The mailing address for correspondence submitted incidental to this Plan is:

The Florida Birth-Related Neurological
Injury Compensation Association
2252 Killearn Center Blvd.
2nd Floor
Tallahassee, FL 32309

H. Service on the Plan

The agent designated to accept service on behalf of the Association is:

Executive Director
The Florida Birth-Related Neurological
Injury Compensation Association
2252 Killearn Center Blvd.
2nd Floor
Tallahassee, FL 32309

The Board may change the designation of its agent at any of its regularly scheduled meetings; however, such change in designation shall become effective only upon notification to the Florida Office of Insurance Regulation.

I. Executive Director

The Board will employ an Executive Director who shall serve as chief administrative staff person and shall be responsible for the day-to-day operation of the Association, as well as for such services and duties as shall be assigned by the Board. At all times, the Executive Director shall account to and serve at the pleasure of the Board. As a condition of employment for the positions of Executive Director or Deputy Director, the Board shall conduct a background investigation.

The Executive Director shall have the authority to fill staff positions authorized by the Association and to terminate any employee in accordance with policies established by the Association, except for the Deputy Director, who may be terminated only upon the affirmative vote of at least four (4) members of the Board. The Executive Director shall also have the authority to contract for such services as are necessary and authorized by the Board in furtherance of the Plan.

J. Claims Manual

The Executive Director will develop and maintain a claims procedures manual, which will include payment procedures, a benefit schedule, a dispute resolution system, and other procedures to assure timely and reasonable payment of claims. The Board will review and approve the claims procedures manual. The Board acknowledges that if parents and/or legal guardians dispute the amount of actual expenses reimbursed by NICA or NICA's denial of reimbursement, those parents and/or legal guardians may file a petition with the Division of Administrative Hearings to resolve such dispute.

K. Code of Ethics

Section 766.3145, Florida Statutes, sets forth the code of ethics applicable to NICA. Section 766.3145 is summarized below:

- On or before July 1 annually, NICA employees must sign and submit a statement attesting that they do not have a conflict of interest as defined in part III or chapter 112. As a condition of employment, all prospective employees must sign and submit to NICA a conflict-of-interest statement. The Executive Director shall develop a conflict-of-interest statement for use in fulfilling this mandate.
- Members of the Board of Directors, the Executive Director and senior managers are subject to the code of ethics under part III of chapter 112. For purposes of applying part III of chapter 112 to activities of the members of the Board of Directors, the Executive Director and senior managers, those persons are considered public officers or employees and NICA is considered their agency.
- Notwithstanding s. 112. 3148, s. 112.3149 or any other law, a Board Member, the Executive Director, senior managers, and NICA employees shall not knowingly accept, directly or indirectly, any gift or expenditure from a person or entity, or an employee or representative of such person or entity, that has a contractual relationship with NICA or that is under consideration for a contract. An employee or Board Member who fails to comply with this requirement is subject to penalties as set forth in section 766.3145, Florida Statutes.
- A board member may not vote on any measure that would inure to his or her special private gain or loss and, notwithstanding s. 112.3143(2), may not vote on any measure he or she knows would inure to the special private gain or loss of any principal by whom he or she is retained or to the parent organization or subsidiary of a corporate principal by which he or she is retained, other than an agency as defined in section 112.312; or that he or she knows would inure to the special private gain or loss of a relative or business associate of the public officer.

Before the vote is taken, such member shall publicly state to the board the nature of his or her interest in the matter from which he or she is abstaining from voting and, within 15 days after the vote occurs, disclose the nature of his or her interest as a public record in a memorandum filed with the person responsible for recording the minutes of the meeting, who shall incorporate the memorandum into the minutes. The forms adopted by the Florida Commission on Ethics, as may be amended from time to time, shall be utilized for purposes of filing the memorandum. Any Board Member who fails to comply with this requirement is subject to penalties as set forth in section 766.3145(4), Florida Statutes.

- NICA employees are not eligible to serve on NICA's Board of Directors while employed with the Association.

- Any Executive Director or senior manager of NICA who is employed on or after January 1, 2022, regardless of the date of hire, and who subsequently retires or terminates employment is prohibited from representing another person or entity before NICA for a period of two (2) years after such retirement or termination of employment from NICA.

SECTION 4. BENEFITS TO NICA FAMILIES

The benefits available under the Plan are set forth in section 766.31, Florida Statutes, and are paid pursuant to a NICA Award entered by an Administrative Law Judge at the Division of Administrative Hearings.

Annually, NICA shall furnish to each parent and legal guardian receiving benefits under the Plan, either by mail or electronically, a list of expenses compensable under the Plan. NICA shall also publish a report on its website by January 1, 2022, and every January 1 thereafter, addressing the following issues/topics:

- (a) The names and terms of each board member and executive staff member.
- (b) The amount of compensation paid to each association employee.
- (c) A summary of reimbursement disputes and resolutions.
- (d) A list of expenditures for attorney fees and lobbying fees.
- (e) Other expenses to oppose each plan claim. Any personal identifying information of the parent, legal guardian, or child involved in a claim must be removed from this list.

On or before November 1, 2021, and by each November 1 thereafter, the Association shall submit a report to the Governor, the President of the Senate, the Speaker of the House of Representatives, and the Chief Financial Officer. This report must include:

- (a) The number of petitions filed for compensation with the [Division of Administrative Hearings], the number of claimants awarded compensation, the number of claimants denied compensation, and the reasons for the denial of compensation.
- (b) The number and dollar amount of paid and denied compensation for expenses by category, and the reasons for any denied compensation for expenses by category.
- (c) The average turnaround time for paying or denying compensation for expenses.
- (d) Legislative recommendations to improve the program.
- (e) A summary of any pending or resolved litigation during the year that affects the plan.
- (f) The amount of compensation paid to each association employee or member of the Board of Directors.
- (g) For the initial report due by November 1, 2021, an actuarial report conducted by an independent actuary providing an analysis of the estimated costs of implementing the following changes to the plan:

- 1) Reducing the minimum birth weight eligibility for a participant in the plan from 2,500 grams to 2,000 grams.

- 2) Revising the eligibility for participation in the plan by providing that an infant must be permanently and substantially mentally or physically impaired, rather than permanently and substantially mentally and physically impaired.
- 3) Increasing the annual special benefit or quality of life benefit from \$500 to \$2,500 per calendar year.

SECTION 5. ASSESSMENT OF PERSONS AND ENTITIES

A. Hospitals

Each hospital licensed under Chapter 395, Florida Statutes, must pay into the Association an annual assessment of \$50.00 per live-birth infant delivered at the hospital during the prior calendar year, as reported to the Agency for Health Care Administration, and adjusted by the proportional increase determined to be necessary by the Office of Insurance Regulation. The Association will assess hospitals for the assessment for the prior calendar no later than October 15 of each year. The Assessment must be paid by the hospital by December 1 of each year. See §766.314(4)(a), Fla. Stat.

A hospital owned or operated by the state or a county, special taxing district, or other political subdivision of the state is not required to pay the initial assessment or any annual assessment.

Any infant born to a charity patient (as defined by rule of the Agency for Health Care Administration) or born to a patient for whom the hospital receives Medicaid reimbursement, if the sum of the annual charges for charity patients plus the annual Medicaid contractuals of the hospital exceeds ten percent (10%) of the total annual gross operating revenues of the hospital, should not be considered in calculating the amount of the required annual or increased assessment. The hospital is responsible for documenting the exclusion of any birth from the computation of the assessment and the Association shall be entitled to review the appropriateness of any excluded birth.

B. Non-Participating Physicians

All physicians licensed pursuant to Chapter 458 (Medical Practice) or Chapter 459 (Osteopathic Medicine), Florida Statutes, as of October 1 of each year shall be assessed by the Association the sum of \$250.00, which must be paid by the physicians no later than December 1 of each year.

Any non-participating physician who becomes licensed must pay into the Association an initial assessment of \$250.00 upon licensure; however, a physician who is either a resident physician, assistant resident physician, or intern in an approved post-graduate training program, as defined by the Board of Medicine or the Board of Osteopathic Medicine, by rule, is not required to pay an assessment. Section 766.314(4)(b)4., Florida Statutes, sets forth other limited circumstances in which the assessment is not applicable.

C. Participating Physicians

On or before December 1 of each year, each physician licensed pursuant to Chapter 458 or Chapter 459, Florida Statutes, who wishes to participate in the Plan for the following year and who otherwise qualifies as a participating physician under Section 766.301-766.316, Florida Statutes, as amended, must pay into the Association an assessment of \$5,000.

A physician may not participate as a participating physician and shall not be entitled to coverage under the Plan until actual payment of the required assessment has been physically received by the Association and credited to the Plan. Coverage begins when payment of the assessments is made to the Association. See §766.314(4)(c), Fla. Stat. If payment of the annual assessment by a physician is received by the Association by January 31 of any calendar year, the physician shall qualify as a participating physician for that entire calendar year. If the payment is received after January 31 of any calendar year, the physician shall qualify as a participating physician for that calendar year only from the date the payment was received by the Association.

Participating physicians also include any employee of the Board of Trustees of a state university who has paid the annual assessment required by statute for participation in the Plan and any certified nurse midwife supervised by such employee. See §766.314(4)(c), Fla. Stat.

Participating physicians also include any certified nurse midwife who has paid 50 percent of the physician annual assessment required by statute for participating in the Plan and who is supervised by a participating physician who has paid the annual assessment for participating in the Plan. Supervision for nurse midwives shall require that the supervising physician will be easily available and have a prearranged plan of treatment for specified patient problems that the supervised certified nurse midwife may carry out in the absence of any complicating features. See §766.314(4)(c), Fla. Stat.

D. Residents and Interns Deemed as Participating Physicians.

If the physician is either a resident physician, an assistant resident physician, or an intern in an approved post-graduate training program, as defined by the Board of Medicine or the Board of Osteopathic Medicine, by rule, and is supervised in accordance with program requirements established by the Accreditation Council for Graduate Medical Education by a physician who is participating in the Plan, such resident physician, assistant resident physician, or intern will be deemed by the Association to be a participating physician without the necessity for paying the assessment. See §766.314(4)(c), Fla. Stat.

D. Additional Assessments

The Office of Insurance Regulation, based on consideration of previous assessments and appropriations as described in Section 766.314, may determine that additional assessments are necessary in order to maintain the Plan on an actuarially sound basis. Additional assessments determined by the Office of Insurance Regulation to be necessary shall be on a proportional basis. See §766.314(7)(b), Fla. Stat.

If, upon the presentation of information related to the actuarial soundness of the Plan, the Board determines that the assessments collected pursuant to Section 766.314(4), Florida Statutes, as amended, and all other appropriations set forth and appropriated to the Plan pursuant to Section 766.314, Florida Statutes, as amended, are not sufficient to maintain the Plan on an actuarially sound basis, then the Board may recommend to the Chief Financial Officer that the assessments set forth at Section 766.314(5)(c), Florida Statutes, as amended, be implemented in the form of an annual assessment to be authorized and determined solely within the discretion of the Office of Insurance Regulation in accordance with Section 766.314(7)(a), Florida Statutes, as amended. Such assessment shall be determined in accordance with those administrative procedures generally utilized in the determination of insurance rate adjustments.

The Association shall notify the agency specified in section 766.314, Florida Statutes, of any change in the assessment rates so that it can make initial assessments on newly licensed physicians at the rate determined necessary by the Office of Insurance Regulation.

If the assessments paid by the physicians and hospitals and the initial legislative appropriations set forth in the NICA Statute are not sufficient to maintain the Plan on an actuarially sound basis, the Association shall be prepared to receive an additional amount of up to \$20 million from the Chief Financial Officer's Regulatory Trust Fund. See §766.314(5)(b), Fla. Stat.

E. Invoice/Payment

The Association will assess hospitals and participating and non-participating physicians for the assessment year no later than October 15 preceding the beginning of the assessment year. Assessments must be paid by December 1.

The Association has the responsibility for enforcing collection of such assessments by legal process in accordance with Section 766.314(6)(b)1., Florida Statutes. The Association shall notify the agency set forth in section 766.314(6), Florida Statutes, of all physicians who have not timely paid their assessments and who have an unsatisfied judgment against them. See §766.314(6)(b)2., Fla. Stat.

The Association shall notify the Agency for Health Care Administration of all hospitals that have not timely paid their assessments. The Agency for Health Care Administration has the responsibility for enforcing collection of such assessments. Notwithstanding any provision of law to the contrary, the failure of a hospital to pay such assessments is grounds for disciplinary action pursuant to Section 395.1065, Florida Statutes. See §766.314(6)(c), Fla. Stat.

SECTION 6. MANAGEMENT OF FUNDS

A. Funds of the State of Florida

Funds held on behalf of the Plan are funds of the State of Florida. All funds received and held by and on behalf of the Plan shall be invested by the Association in investments and securities described in Section 215.47, Florida Statutes, and shall be subject to the limitations on investments contained in that section. All income derived from such investments shall be credited to the Plan.

The State Board of Administration may invest and reinvest funds held on behalf of the Plan in accordance with the trust agreement approved by the Association and the State Board of Administration and within the provisions of Sections 215.44 - 215.53, Florida Statutes.

B. Funds Transfer

Upon written recommendation from the External Investment Consultant(s), the Executive Director and the Deputy Director are authorized to transfer funds from cash or other asset classes to rebalance the Plan back to the specific asset allocation policy authorized by the Board of Directors, to investment account managers with whom the Association has an existing Board of Directors-approved contract, without obtaining specific approval from the Board of Directors of the Association for each transfer.

C. Records, Withdrawals, and Bond

The Executive Director shall have the responsibility for assuring that accurate records are maintained of all funds received or held by and disbursed on behalf of the Plan and shall assure that an accurate and full account of all assets and liabilities of the Association is maintained.

Money may be withdrawn on account of the Plan only upon a voucher as authorized by the Association.

Each person who is employed by or contracted with the Association and any member of the Board of Directors who is authorized to receive deposits, issue vouchers, or withdraw or otherwise disburse any funds will post a blanket fidelity bond in an amount reasonably sufficient to protect Plan assets. The cost of such bond will be paid from the assets of the Plan.

D. Audits

At the end of each fiscal year, the Association will have an audit made of its financial records by an independent certified public accountant. The audited financial report will be available upon request to any Plan participant, to the Office of Insurance Regulation, and to the Joint Legislative Auditing Committee. The report will be prepared in accordance with accepted accounting procedures and will include such information as may be required by the Office of Insurance Regulation or the Joint Legislative Auditing Committee.

The Association shall cooperate with any audits deemed necessary at any time and conducted by either the Office of Insurance Regulation, or the Joint Legislative Auditing Committee, the Auditor General, or any other entity directed to audit NICA.

E. Fraud

The Executive Director shall notify the Florida Division of Insurance Fraud within 48 hours of any suspected fraud and/or compromise of public trust by an Association employee. If the instance occurs where the Executive Director is suspected of fraud and/or compromise of public

trust, then such suspicion shall be reported by the Chair of the Association Board of Directors within 48 hours of receiving notification of such suspected activity.

SECTION 7. CLAIMS AND PROCEDURES

A. Initial Claim for Compensation Under the Plan

1. Petition for Benefits

All claims for compensation under the Plan must be filed with the Division of Administrative Hearings (the “Division” and/or “DOAH”). The Association staff will, upon request, aid and assist any prospective claimant in filing a claim. Assistance in compiling a petition is available from Association staff. Pursuant to section 766.305, Florida Statutes, such petition must include the following information:

- The name and address of the legal representative and the basis for such representation of the injured infant.
- The name and address of the injured infant.
- The name and address of any physician providing obstetrical services who was present at the birth, and the name and address of the hospital at which the birth occurred.
- A description of the disability for which the claim is filed.
- The time and place the injury occurred.
- A brief statement of the facts and circumstances surrounding the injury giving rise to the claim.
- All available, relevant medical records relating to the birth-related neurological injury and identification of any unavailable records known to the claimant, and the reason for their unavailability.
- Appropriate assessments, evaluations, and prognosis and such records and documents as are reasonably necessary for the determination of the amount of compensation to be paid to, or on behalf of, the injured infant as the result of a birth-related neurological injury.
- Documentation of expenses and services incurred to date indicating any payments made for such expenses and services, and by whom such payments were made.
- Documentation of any applicable private or governmental source of services or reimbursement relative to the impairments.

A petition template is available on NICA website at NICA.com.

The claimant must furnish the Division as many copies of the petition for compensation as may be required for service upon the Association, any physician or hospital named in the petition, and the Division of Medical Quality Assurance.

2. Filing Fee and Service of the Petition

A \$15.00 filing fee paid to the order of the Division of Administrative Hearings must accompany the petition. However, where need is demonstrated to the Executive Director, apart

from assistance in compiling a completed claim, the Executive Director may authorize the payment of the \$15.00 filing fee on behalf of the prospective claimant.

DOAH is responsible for serving NICA and other requisite entities with the Petition, including the physician and/or hospital named in the Petition and the Division of Medical Quality Assurance of the Agency for Health Care Administration.

3. NICA Proceeding at DOAH

After the Petition is filed with DOAH, an Administrative Law Judge will be assigned to the Claim. The Administrative Law Judge has the exclusive jurisdiction to determine whether a claim is compensable under the Plan.

The Association has forty-five (45) days from the date of service of a completed claim in which to file a response and to submit relevant written information relative to NICA's preliminary determination as to whether the claim is compensable under the Plan based on its review of the records, threshold statutory requirements and the opinions of its medical experts.

Once NICA submits its Response, the Administrative Law Judge assigned to the NICA proceeding will proceed with scheduling the claim for hearing, if necessary to determine whether a claim is compensable. The date for a hearing will be set by the Division, typically after input from the parties but no sooner than sixty (60) days and no later than one hundred twenty (120) days after the petition in compliance with Section 766.305, Florida Statutes, has been filed. All affected parties will be notified by DOAH of the time and place of the hearing. The hearing should be held in the county where the injury occurred unless otherwise agreed to by all affected parties and authorized by the Division. The hearing may also be held by remote means, such as video teleconference.

The parties to the hearing will include the claimant and the Association. Additionally, the health care providers involved in the birth are often granted leave to intervene as parties to the action.

4. Determination of the Compensability of a Claim

Upon the completion of the hearing and based upon all available evidence, the Administrative Law Judge must make the following determinations:

- Whether the injury claimed is a birth-related neurological injury.
 - (a) A rebuttal presumption that the injury alleged is a birth-related neurological injury exists where it has been demonstrated to the satisfaction of the Administrative Law Judge that the infant has sustained a brain or spinal cord injury caused by oxygen deprivation or mechanical injury and the infant was thereby permanently and substantially mentally and physically impaired.

(b) If either party disagrees with such presumption, that party has the burden of proving that the injury alleged is not a birth-related neurological injury.

- Whether obstetrical services were performed by a participating physician during labor, delivery or resuscitation in the immediate post-delivery period in a hospital, or by a certified nurse midwife in a teaching hospital supervised by a participating physician, in the course of labor, delivery or resuscitation in the immediate post-delivery period in a hospital who is an employee of the Board of Regents.
- How much compensation, if any, is awardable.

If the Administrative Law Judge determines that the injury alleged is not a birth-related neurological injury or that obstetrical services were not delivered by a participating physician at the birth, an order shall be entered, and a copy sent immediately to the involved parties by registered or certified mail.

5. NICA Award

Section 766.31, Florida Statutes, provides that, upon determining that an infant has sustained a birth-related neurological injury and obstetrical services were delivered by a participating physician at the birth, the Administrative Law Judge shall make an award providing compensation for the following items relative to such injury:

(a) Actual expenses for medically necessary and reasonable medical and hospital, habilitative and training, family residential or custodial care, professional residential, and custodial care and service, for medically necessary drugs, special equipment and facilities, and for related travel. At a minimum, compensation must be provided for the following actual expenses:

1. A total annual benefit of up to \$10,000 for immediate family members who reside with the infant, for psychotherapeutic services obtained from providers licensed under chapter 490 or chapter 491.
2. For the life of the child, providing parents or legal guardians with a reliable method of transportation for the care of the child or reimbursing the cost of upgrading an existing vehicle to accommodate the child's needs when it becomes medically necessary for wheelchair transportation. The mode of transportation must take into account the special accommodations required for the specific child. The plan may not limit such transportation assistance based on the child's age or weight. The plan must replace any vans purchased by the plan every 7 years or 150,000 miles, whichever comes first.
3. Housing assistance of up to \$100,000 for the life of the child, including home construction and modification costs.

(b) However, the following expenses are not subject to compensation:

1. Expenses for items or services that the infant has received, or is entitled to receive, under the laws of any state or the Federal Government, except to the extent such exclusion may be prohibited by federal law.

2. Expenses for items or services that the infant has received, or is contractually entitled to receive, from any prepaid health plan, health maintenance organization, or other private insuring entity.
3. Expenses for which the infant has received reimbursement, or for which the infant is entitled to receive reimbursement, under the laws of any state or the Federal Government, except to the extent such exclusion may be prohibited by federal law.
4. Expenses for which the infant has received reimbursement, or for which the infant is contractually entitled to receive reimbursement, pursuant to the provisions of any health or sickness insurance policy or other private insurance program.

(c) Expenses included under paragraph (a) are limited to reasonable charges prevailing in the same community for similar treatment of injured persons, when such treatment is paid for by the injured person. The parents or legal guardians receiving benefits under the plan may file a petition with the Division of Administrative Hearings to dispute the amount of actual expenses reimbursed or a denial of reimbursement.

(d) 1. a. Periodic payments of an award to the parents or legal guardians of the infant found to have sustained a birth-related neurological injury, which award may not exceed \$100,000. However, at the discretion of the administrative law judge, such award may be made in a lump sum. Effective January 1, 2021, the award may not exceed \$250,000, and each January 1 thereafter, the maximum award authorized under this paragraph shall increase by 3 percent.

b. Parents or legal guardians who received an award pursuant to this section before January 1, 2021, and whose child currently receives benefits under the plan must receive a retroactive payment in an amount sufficient to bring the total award paid to the parents or legal guardians pursuant to sub-subparagraph a. to \$250,000. This additional payment may be made in a lump sum or in periodic payments as designated by the parents or legal guardians and must be paid by July 1, 2021.

2. a. Death benefit for the infant in an amount of \$50,000.

b. Parents or legal guardians who received an award pursuant to this section, and whose child died since the inception of the program, must receive a retroactive payment in an amount sufficient to bring the total award paid to the parents or legal guardians pursuant to sub-subparagraph a. to \$50,000. This additional payment may be made in a lump sum or in periodic payments as designated by the parents or legal guardians and must be paid by July 1, 2021.

(e) Reasonable expenses incurred in connection with the filing of a claim under ss. 766.301-766.316, including reasonable attorney's fees, which shall be subject to the approval and award of the administrative law judge. In determining an award for attorney's fees, the administrative law judge shall consider the following factors:

1. The time and labor required, the novelty and difficulty of the questions involved, and the skill requisite to perform the legal services properly.
2. The fee customarily charged in the locality for similar legal services.
3. The time limitations imposed by the claimant or the circumstances.

4. The nature and length of the professional relationship with the claimant.
5. The experience, reputation, and ability of the lawyer or lawyers performing services.
6. The contingency or certainty of a fee.

Should there be a final determination of compensability and the claimants accept an award under this section, the claimants shall not be liable for any expenses, including attorney's fees, incurred in connection with the filing of a claim under ss. 766.301-766.316 other than those expenses awarded under this section.

The order of award is required to include the immediate payment of expenses previously incurred and shall require that the future expenses be paid as incurred.

Review of an order by the Administrative Law Judge is by appeal to the District Court of Appeal filed in accordance with the Florida Rules of Appellate Procedure, and sections 120.68 and 766.311, Florida Statutes. In the case of an appeal of an award by the Administrative Law Judge, the appeal operates as a suspension of the award. The Association shall not be required to make payment of the award involved in the appeal until the questions at issue have been fully determined.

6. Exclusiveness of Remedy and Notice

Pursuant to section 766.303, Florida Statutes, the rights and remedies granted by the Plan on account of a birth-related neurological injury exclude all other rights and remedies of such infant, his personal representative, parents, dependents, and next of kin, at common law or otherwise, against any person or entity directly involved with the labor, delivery, or immediate post-delivery resuscitation during which such injury occurred, arising out of or related to a medical malpractice claim with respect to such injury; except that a civil action is not foreclosed where there is clear and convincing evidence of bad faith or malicious purpose or willful and wanton disregard of human rights, safety, or property, provided that such suit is filed prior to and in lieu of payment of an award under Sections 766.301 - 766.316, Florida Statutes, as amended. Such suit must be filed before the award of the Division becomes conclusive and binding as provided for in section 766.311, Florida Statutes, as amended.

Pursuant to section 766.316, Florida Statutes, each hospital with a participating physician on its staff and each participating physician, other than residents, assistant residents, and interns deemed to be participating physicians under section 766.314(4)(c), Florida Statutes, under the Plan, shall provide notice to obstetrical patients as to the limited no-fault alternative for birth-related neurological injuries.

The Association shall prepare and furnish to all hospitals and participating physicians forms containing a clear and concise explanation of a patient's rights and limitations under the Plan for distribution to all patients.

7. NICA Statute of Limitations Relating to Initial Determination of Compensability

Pursuant to the NICA Statute, the statute of limitations with respect to any civil action that may be brought by, or on behalf of, an injured infant, where such injury alleged arose out of, or is related to, a birth-related neurological injury, is tolled by the filing of a claim in accordance with sections 766.301 - 766.316, Florida Statutes, as amended, as set forth in the Plan. The time during which the claim is pending or is on appeal is not to be computed as part of the period within such civil action may be brought.

Any claim for compensation filed more than five (5) years after the birth of an infant alleged to have a birth-related neurological injury is barred from receipt of an Award under the Plan.

8. Review of Disputes Regarding Benefit Requests

Once a child is accepted into the Plan, the Association shall review and accept or deny requests for payment for the medically necessary and reasonable actual expenses outlined in Section 766.31, Florida Statutes, pursuant to the process outline in the claims procedures manual developed by NICA pursuant to Section J., above. If the dispute cannot be resolved through that process, section 766.31(1)(c), Florida Statutes, provides that: “The parents or legal guardians receiving benefits under the Plan may file a petition with the Division of Administrative Hearings to dispute the amount of actual expenses reimbursed or a denial of a reimbursement.”

9. Enforcement of Awards

The Administration Law Judge has full authority to enforce his or her awards and to protect himself or herself from any deception or lack of cooperation in reaching his or her determination as to an award. His or her authority includes the power to petition the circuit court for an order of contempt. A party may, if circumstances warrant, petition the circuit court for enforcement of a final award by the Administrative Law Judge.

SECTION 8. AMENDMENTS

Amendments to this Plan of Operation may be made by the directors of the Plan, subject to the approval of the Office of Insurance Regulation of the Financial Services Commission.

SECTION 9. CONSTRUCTION

This Plan of Operation shall be construed to conform to the provisions of sections 766.301-766.316, Florida Statutes. Any inconsistency between this Plan of Operation and Florida law shall be resolved in favor of Florida law.

ADOPTED by RESOLUTION of the Board of Directors of the Association this ____ day of October, 2021.

Jim DeBeaugrine, MPA, Interim Chair

APPROVED by the Florida Office of Insurance Regulation this ____ day of _____, _____, 2021.

Agenda Item # 4.B. (Tab R)

**Draft Benefit Handbook and
Benefits List**



BENEFIT HANDBOOK

October 15, 2021



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FLORIDA BIRTH-RELATED NEUROLOGICAL INJURY COMPENSATION PLAN (LAST UPDATED SEPTEMBER 17, 2021)

INTRODUCTION

Welcome to the Florida Birth-Related Neurological Injury Compensation Plan (“Plan”). Better known as NICA, the Plan is intended to provide compensation, on a no-fault basis, for a limited class of catastrophic injuries that result in unusually high costs for custodial care and rehabilitation. To that end, the Plan provides a wide range of benefits.

We strongly urge every family to familiarize themselves with this Benefits Handbook, which offers clear guidance on potential benefits available under the NICA Plan. As a result of legislative changes made by the Florida Legislature in 2021, the NICA Plan offers several additional and enhanced benefits that all families should review and become familiar with, even if your child has been a participant for many years.

The purpose of this Benefits Handbook is to provide simple and straightforward information about the benefits available from NICA and how families may request those benefits. However, this Benefits Handbook is a guide. Ultimately, NICA’s activities are governed by Sections 766.301-766.316, Florida Statutes, sometimes referred to as the NICA Statute. It is essential to understand that the statute – not this handbook – controls any conflict between the information in this Benefits Handbook and the law itself.

Generally, according to Florida law, NICA pays for a participating child’s “medically necessary and reasonable” actual expenses, including but not limited to:

- medical and hospital, habilitative care and training, residential or custodial care;
- professional residential and custodial care and service;
- Medically necessary drugs;
- medically necessary special equipment and facilities; and
- related travel.

(See: Section 766.31(1)(a), Florida Statutes)

We recognize that each NICA child faces a different degree of injury, with different medical needs. With this in mind, we aim to treat every family in the program fairly and individually, providing all the benefits they are entitled to based on their child’s unique needs.

Although this Handbook attempts to describe the range of benefits available to families, NICA may also pay for other medically necessary supplies, equipment, or expenses, associated with the child’s condition and medical needs. Families should submit medically necessary expenses not otherwise addressed in this Benefits Handbook for consideration to their child’s case manager.

One family may, or may not, be eligible for the same benefits as another family because of each child’s particular condition, medical necessity, or other available coverage. However, NICA strives to ensure that all families are treated similarly and that all medically necessary and reasonable expenses are covered, subject to the limitations set forth in section 766.31, Florida Statutes. NICA reserves the right to ask for a Letter of Medical Necessity for any requested benefit.

In light of recent legislative amendments to NICA’s governing statutes—specifically, Section 7 of Senate Bill 1786 (2021)—where a participating child is also enrolled in Medicaid, NICA will treat itself as primary to Medicaid in paying the participating child’s designated medical expenses that are covered by both programs and are incurred on or after June 21, 2021. This policy change is forward-looking and does not waive the Plan’s rights and positions taken as to any ongoing or later-filed actions relating to any medical claims arising from services obtained prior to the above-referenced date.

INITIAL PARENTAL AWARD

Beginning January 1, 2021, parents or legal guardians of a NICA child are entitled to an award not to exceed \$250,000. Parents or legal guardians who received an award prior to January 1, 2021, whose child currently receives benefits under the plan are entitled to a retroactive payment to bring their total award to \$250,000. Each year after 2021, the amount of the parental award for new families joining the program will increase by 3 percent annually.

NURSING CARE

Most NICA children will need some level of professional nursing or attendant care during their lifetime. NICA ensures that NICA children receive all necessary care.

Many families opt to stay home and care for their child themselves, while a smaller number prefer to engage professional nursing or attendant care services. Both options are available to eligible families at their discretion. The level of nursing care and amount paid for such care may vary from one family to another, as dictated by each child's unique medical needs, and the skills of the caregiver.

Option A: Residential Custodial Care

When professional nursing or attendant care is required, NICA may reimburse a parent or legal guardian for medically necessary and reasonable residential custodial care. This would be as an alternative to paying for professional nursing care or other professional attendants.

For NICA children born since June 7, 2002:

Reimbursement is subject to the limitations specified in Sections 766.302(10) and 766.31, Florida Statutes. These sections specify that NICA may reimburse a parent or legal guardian for up to 10 hours of family residential or custodial care that they provide directly to their child within a 24-hour period and may pay other care providers up to a combined 24 hours per day if determined to be medically necessary. NICA does not reimburse for any hours when the child is in school.

For NICA children born before June 7, 2002:

Reimbursement is subject to limitations specified in the Class Action Settlement Agreement and Final Judgment and Order Approving the Class Action Settlement Agreement (available at nica.com). For these families, NICA may reimburse a parent or legal guardian for up to 20 hours per day for their care directly to the child. If other caregivers are involved in the care, the combined limit is 20 hours per day. School hours are also deducted.

If a parent/guardian cares directly for their NICA child and is a licensed professional caregiver (e.g., Certified Nurse Assistant, Licensed Practical Nurse, or Registered Nurse), they can be paid for up to 24 hours per day. Payment rates are based on the level of care needed by the child, the parent/guardian's level of licensure, and the number of hours authorized by the child's physician.

If a NICA child is hospitalized and the parent or legal guardian must remain with them while in the hospital, NICA will reimburse the parent or legal guardian for up to 24 hours per day at the Family Care rate.

Option B: Professional Nursing or Attendant Care

If recommended by a physician, NICA will reimburse families for medically necessary and reasonable professional nursing or attendant care provided for the covered child.

NICA will directly reimburse a provider agency, a parent, or another qualified caregiver, as preferred by the parent or legal guardian. NICA may periodically conduct a review with medical professionals to assess the continued medical necessity and reasonableness of the professional nursing care. **NICA reserves the right to negotiate reimbursement rates for any care provider.**

Parents can also be reimbursed when a third-party caregiver misses shifts and a parent must provide some of the care, subject to providing documentation to NICA of the missed shifts.

In order to request Nursing Care Benefits, a parent or legal guardian must submit a written request to the NICA Nurse Case Manager. NICA will then provide parents or legal guardians with a NICA Participant Nursing and Caregiver Form to be completed and signed by the child's physician. If you would prefer that NICA send this form directly to the physician, please let NICA know. Once completed, the physician will return the information to NICA.

In addition, the parents and legal guardians must provide NICA with a letter of medical necessity; explanation of benefits or other documentation regarding the denial of coverage, if applicable; receipt or proof of purchase; and a direction to pay to the provider or another party. Once all the documentation is received, a NICA Nurse Case Manager will contact the parents/guardians to request or provide any additional information.

Upon approval of the request, separate weekly forms will be provided by the Nurse Case Manager and must be submitted to NICA for each person providing care documenting the specific dates, times, and the number of hours of care provided each week. These weekly forms are required to be submitted to and received by NICA in order for NICA to disburse payment. Please note that additional information may be necessary for NICA to process payment. In that instance, NICA will request the necessary information to facilitate payment.

NICA reserves the right to negotiate reimbursement rates with all providers.

Nursing Care while in the Hospital

When a NICA child is hospitalized, a parent or guardian will be reimbursed for providing care for 24 hours a day at the Family Care rate while the child is in the hospital. This is regardless of the hours and rate otherwise being paid to the parent.

MEDICAL TREATMENT

NICA will reimburse for physician visits related to care and treatment associated with the neurological birth injury, including co-pays and deductibles where applicable.

NICA will reimburse for hospital inpatient and outpatient care, including emergency care related to care and treatment associated with neurological birth injury and facilities charges.

PRESCRIPTION DRUGS

Prescription drugs will be reimbursed with a receipt and copy of the label. A prescription is required for a new drug but subsequent prescriptions for the same drug will not be necessary. This reimbursement is exclusively for drugs related to care and treatment associated with the neurological birth injury. NICA reserves the right to negotiate reimbursement rates with pharmacies.

INSURANCE POLICIES AND PREMIUMS

NICA encourages families to carry health insurance if their child is not otherwise covered by the family's insurance plan, a state or federal program, or another type of health plan and will reimburse the costs of coverage if requested. If you are interested in obtaining health insurance, please inquire about this benefit with your Nurse Case Manager.

Insurance Premiums

Although it is not specifically an identifiable medically necessary expense, NICA may reimburse families for the child's portion of a health insurance premium starting from the date when the request is made in writing to NICA. NICA does not reimburse parents for premium payments made before their request is received by NICA.

NICA requires a copy of the coverage document and premium that identifies the child's portion of the premium to pay for this expense. If documentation does not specifically identify the child's portion, NICA reserves the right to calculate how much of the premium it will reimburse on a pro-rata basis.

Insurance Co-Pays and Deductibles

NICA will pay co-pays and deductibles for the NICA Child.

THERAPY

NICA will reimburse families for therapies performed by a licensed therapist which are determined to be medically necessary and reasonable by the child's physician. A certificate or letter of medical necessity is required for reimbursement.

Some of the therapies covered include:

- Physical Therapy
- Occupational Therapy
- Speech Therapy
- Aqua Therapy
- Intensive Therapy
- Music Therapy
- Hippotherapy
- Massage Therapy
- Behavioral Therapy
- Annual Therapy Camp (*up to \$2000/year*)

Additional therapies may also be eligible for coverage. Inquire with your Nurse Case Manager if a medical provider recommends a therapy for your child not listed above.

NICA may consult periodically with appropriate medical professionals regarding the medical necessity for continuing various therapies. NICA reserves the right to negotiate rates with providers.

To request therapy for your child, NICA requires a letter of medical necessity from your child's physician, as well as information showing that the therapy was denied by all other payers, such as insurance, prepaid plans, HMO, or governmental assistance that may be available.

NICA reserves the right to negotiate reimbursement rates with providers.

Psychotherapeutic Services

NICA recognizes the substantial burdens imposed on family members and others who provide care every day for a birth-injured child. Because these burdens can affect the mental health of even the most devoted caregiver, NICA now provides the means for immediate family members or legal guardians to receive important support.

NICA provides immediate family members or legal guardians who reside with the child with a total annual benefit of up to \$10,000 to obtain psychotherapeutic services from providers licensed under Chapter 490 or Chapter 491, such as psychologists, marriage and family therapists, mental health counselors, and social workers.

NICA will also pay any co-payments or deductibles. For reimbursement, the immediate family members or legal guardians must provide NICA with documentation that the provider is licensed in the state of Florida to provide such services, an explanation of benefits, proof of payment such as a receipt or other documentation of payment, and the dates of service.

EQUIPMENT

NICA will reimburse actual expenses for equipment documented as being medically necessary and reasonable. Because the equipment needed by NICA children varies widely, a list and/or categorization of each type of eligible equipment is not set forth herein. To date, however, NICA has reimbursed families for equipment including:

- Oxygen concentrators*
- Bipap machines
- Feeding pumps/equipment*
- Beds (*hospital/special needs*)
- Standers
- Trexo Robotic gait trainers
- Wheelchairs
- Wizard strollers
- Suction machines*
- Apnea monitors
- IV poles*
- Pulse oximeters*
- Therapy balls*
- Therapy mats*
- Therapy tables (*3 estimates*)*
- Bath chairs*
- Positioning chairs*
- Car seats*
- Portable ramps*
- Wheelchair lifts*
- Wheelchair tie-downs*
- Percussion vests
- Adaptive trikes/bikes*
(*up to \$2500 for child bike, \$5000 for adult bike; requires 3 bids*)*
- Hot tub or spa (*up to \$2500*)*
- Portable generator (*up to \$3000 every 3 years*)*

Additional items not listed above may also be eligible for coverage. If a piece of equipment is medically necessary and reasonable, but not on the list, please contact your Nurse Case Manager to request reimbursement.

* Asterisked items will only require an invoice or receipt as proof of payment. All other reimbursement requests for any type of equipment for your child require a letter of medical necessity from the child's physical therapist, also signed by their physician, along with an explanation of benefits, if applicable, proof of payment, and an invoice detailing the equipment purchased and the cost. NICA reserves the right to ask for additional information pertaining to these requests. NICA may be able to obtain equipment at a lower cost and may request the opportunity to check prices before purchase.

Please note that NICA does not reimburse families for non-medically necessary equipment used solely for convenience or recreational purposes.

NICA reserves the right to negotiate reimbursement rates for equipment with vendors.

Augmentative Communication Technology (ACT)

NICA will pay for devices, equipment, and computer software to aid in communication for children who otherwise cannot communicate verbally if the equipment is deemed medically necessary and denied by other payment options. NICA may require an evaluation by an approved augmentative communication consultant to ensure that the identified equipment is most appropriate for the child's unique needs. Along with paying for reasonable repairs, NICA will pay to replace this technology once every five years.

NICA will pay for ACT equipment including, but not limited to, the following:

- Computers (*up to \$1000 if no adaptive programs*)
- Tablet/iPad (*up to \$500 if no adaptive programs*)
- Computers with physician recommended adaptations
- Adaptive programs for computer or tablet
- Dynavox
- Other technology as approved

Families often need to invest a significant amount of time and effort to get the maximum benefit from this kind of equipment. NICA respectfully asks that families be aware of this expected commitment before making such a purchase.

Electricity Stipend

Upon request, NICA may pay families a monthly stipend of up to \$100 to offset the additional electricity costs associated with the use of medically necessary equipment related to the child's neurological injury, such as oxygen concentrators and suction machines. This must be requested by parent or guardian and will only be paid going forward and up to 30 days prior to the request.

SUPPLIES

NICA will reimburse the purchase of medically necessary and reasonable supplies, including but not limited to the following:

- Disposable diapers and wipes, or an approved diaper service (*starting at age 3*)
- Feeding bags
- Trach supplies
- Enteral formulas (*prescription required*)
- Gloves
- Sanitizer
- Bibs
- Shoes to fit with AFOs, braces, or other orthotics (*2 pairs per year*)
- Special socks for AFOs, braces, or other orthotics (*4 pairs*)
- Special cups and utensils for feeding
- Washcloths or drool cloths
- Mouth Swabs
- Underpads (*bed linen savers*)
- Sterile saline for wound care
- Toothettes

For most supplies, families must submit a letter of medical necessity when first requesting a particular supply. Once the supplies have been approved, subsequent letters of medical necessity are not necessary, unless there is a change in the type or quantity of supplies. Please note that a receipt is necessary for the initial and all subsequent reimbursement requests for supplies.

Supplies listed above will not initially require a letter of medical necessity. If NICA determines that a letter of medical necessity is necessary, your Nurse Case Manager will request one.

NICA will not provide reimbursement for routine supplies for daily living that are parts of a typical household, such as trash bags, sheets, and towels. However, these can be reimbursed under the Annual Special Benefit.

Pureed Food

Beginning at age 2, NICA will reimburse:

- Pre-prepared pureed baby food (*up to \$2.45 per jar or pouch*); OR
- Up to \$500 for a blender to prepare pureed food, with a minimum 3-year replacement cycle.

The baby food market changes remarkably frequently and there are many products available for almost any eating pattern. NICA will reimburse for those pre-prepared pureed products that provide needed nutritional value and are medically necessary due to a digestive system dysfunction related to the neurological injury. Pureed baby foods will be reimbursable for as long as they are medically necessary or until a child can eat table foods.

While NICA encourages parents to use fresh foods, the actual fresh foods to be processed (e.g., vegetables, fruit, meat, nuts, seeds, nutrients, supplements) are not eligible for reimbursement.

Families must submit a receipt with any reimbursement request for a blender or pre-packaged pureed or baby foods. Enteral formulas and other specialized nutritional products require a letter of medical necessity.

ANNUAL QUALITY OF LIFE BENEFIT

NICA will reimburse families up to \$500 per calendar year for items that provide their child with a general therapeutic benefit or enhanced quality of life. Examples may include adapted toys, pool equipment, games, electronics, and other items that improve quality of life. There may be other equipment or supplies that would be eligible and are not otherwise covered. These do not include medically necessary supplies or equipment already covered by NICA, as detailed above.

Families must request reimbursement for the annual special benefit within the same calendar year, accompanied by an explanation of the benefit and a receipt.

TRANSPORTATION

Dependable Transportation

To meet the need for dependable transportation for a child that does not require an adapted van for wheelchair transportation, NICA will pay up to \$30,000 towards the purchase of a dependable vehicle of the parent or legal guardian's choice. If requested by the parents/legal guardians, NICA will pay the \$30,000 directly to a dealership to facilitate the transaction. The vehicle will be owned by the parent or legal guardian and no lien will apply. License/ registration, tag replacement, auto insurance, and maintenance will be the responsibility of the parent or guardian as this will be considered their personal vehicle. NICA will retain no interest in a vehicle purchased under this provision. When using this personal vehicle for transporting the child, NICA will reimburse for medically necessary travel at the personally owned vehicle rate of \$.445/mile as set forth in more detail below. The vehicle will be eligible to be replaced after 7 years or 150,000 miles. If the child's condition changes and a handicap accessible van is medically necessary before the term ends, the vehicle purchased by NICA must be used as a trade-in for a handicap accessible van.

Handicapped Accessible Van

NICA will fund the purchase of a van for a child who requires a wheelchair for transportation purposes. You can request a van by providing NICA with a prescription from their physician. Proof of insurance and a driver's license will be required. NICA reserves the right to ask for any other pertinent information while reviewing this request.

NICA will be listed as a lienholder on the van's title, although the van itself will be titled in the name of the parents or legal guardians as custodians for the child under the Florida Uniform Transfer to Minors Act.

NICA will pay the following van-related expenses:

- The van's purchase price and associated acquisition costs
- License tag/registration and renewals
- Maintenance costs
- Basic insurance coverage and full collision and comprehensive coverage (*subject to competitive quotes*), with parents/guardians responsible for any costs in excess of basic mandatory insurance coverage
- Mileage for medical appointments or pre-approved travel (*transporting the child*), reimbursed at \$0.23 per mile

NICA will pay to replace vans after seven years or 150,000 miles, whichever comes first. Families no longer needing a van should return it to NICA in good working order within 60 days.

Travel

NICA will reimburse expenses incurred when a NICA child travels to and from medically necessary appointments, such as physician visits, therapy, or other similar travel. Additionally, NICA will reimburse expenses associated with trips to the pharmacy for prescriptions related to the child's birth injury (requires dated receipt and label).

If the child is driven, NICA will reimburse parking fees and tolls (upon submission of receipts), as well as documented mileage at the following rates:

- When using a NICA-provided van: \$0.23 per mile
- When using a personal vehicle instead of a NICA-provided van: The per-mile rate authorized by the State of Florida for government employees (*\$0.445 per mile as of June 8, 2021*).

If the child is flown, NICA will reimburse airline coach travel fares for the child and one parent/guardian.

When the child and one parent/guardian travel at least 50 miles from home and must stay overnight, NICA will reimburse their hotel stays at an appropriate rate, as well as their meals at the per-diem rate authorized for travel by government employees of the State of Florida, upon submission of receipts.

In an emergency (such as illness), NICA will reimburse travel expenses for one parent or legal guardian to provide professional care to their child when the child is residing in a different city

or state than the parent/guardian. Examples include a child who is away at a therapy camp or enrolled in a college or university.

Upon submission of receipts, NICA will reimburse medically necessary transportation expenses not otherwise mentioned above. Please contact your Nursing Case Manager if you have questions about reimbursement of other travel-related expenses.

HOUSING ASSISTANCE

Families have access to housing assistance benefits of up to \$100,000 during their child's lifetime for any one or combination of available benefits (rental or privately-owned construction, including moving expenses). Once a family has received their child's full lifetime housing benefit, they are no longer eligible for benefits outlined in this section.

Privately-owned Housing

For Modifications to a Current Home: In a non-rental home currently owned and occupied by the child's parents or legal guardians, NICA will authorize reimbursement for modifications to, or construction of, ramps, railings, an accessible bedroom and/or bathroom, or other such modifications or construction that is feasible and reasonable, up to the maximum amount allowed.

Before construction funding is authorized, parents must submit a bid, contract, or estimate to NICA from a qualified contractor or other qualified professional. If the parent or guardian is doing the construction themselves, materials, permit costs, and other costs will be reimbursed with receipts.

For new home construction: Submit documentation of the proposed construction, an estimate, or a contract. NICA will then reimburse a qualified contractor, real estate agent, closing agent, or the parent (if performing construction themselves) as directed.

For the purchase of a new handicap-accessible home: NICA will pay the total allowance, or any portion thereof to a qualified agent as a down payment or closing agent at the time of closing. Submit a copy of the contract or other documentation to request this assistance.

For Payment on an Existing Mortgage: NICA will pay directly to a lienholder(s) the total allowance or any portion thereof toward the mortgage on the NICA family's residence. Submit documentation of the existing mortgage(s) on the property and the lienholder for the same, along with documentation from the lienholder of the total remaining amount owed and payment instructions.

Rental Housing

If a child resides in a non-handicap-accessible rental unit and moves to a handicap-accessible unit, NICA will reimburse the difference between the former monthly rental payment and the cost of the appropriate handicap-accessible rental unit of similar size and quality, based on cost per square foot. Any substantial increases in the square footage of the handicap-accessible unit to be reimbursed must be due specifically to medical necessity and may not exceed the overall allowance for housing assistance described above.

The handicap-accessible rental unit should meet all applicable requirements of the Americans with Disabilities Act (ADA). Exceptions to meeting the ADA requirements must be approved by the NICA Executive Director or the Board of Directors. Prior to providing reimbursement, NICA may require certification of the rental unit's suitability for the child and/or compliance with this policy.

If there is a housing assistance expense not specifically addressed herein that you believe would qualify, please refer to the process set forth below in the section entitled "Benefits not Specifically Addressed."

Moving Costs:

NICA may approve moving expenses for a NICA child to move to a handicap-accessible home related to hiring a licensed moving company or paying for a truck rental, such as a U-Haul. NICA will pay the moving company/truck rental company directly or reimbursing the child's parents/guardians. All other moving costs must be preapproved by NICA. NICA will not reimburse any other moving costs. Moving costs are included in the total allowable under Housing Assistance.

DEATH BENEFIT

NICA will pay each family a \$50,000 death benefit upon being notified of the death of their child.

GUARDIANSHIP

When children turn 18, Florida law requires their parents become legal guardians to continue making good medical decisions on their behalf. To help those families, NICA will reimburse up to \$2,500 for guardianship-related legal fees, which is what most attorneys have historically charged NICA families for this service. If a family chooses to engage a lawyer who charges more than \$2,500 for guardianship-related legal fees, then the family will be responsible for paying any portion above the \$2,500 reimbursement threshold.

EXPERIMENTAL PROGRAMS OR EQUIPMENT

When a parent or legal guardian requests that NICA pay for participation in an experimental program or to obtain experimental equipment, the Executive Director may approve the request based on the following criteria:

1. Overall cost associated with the program or equipment must not be excessive and must be submitted for pre-approval. It may include the cost for one person to accompany the child (if necessary); duration of the program; expected medical benefits to the child; and availability of the program elsewhere in Florida if it is located outside the child's home area.
2. A report must be received from the child's primary care physician recommending the experimental program or equipment by detailing its medical necessity.
3. Proof must be provided that the experimental program or equipment has shown objective,

- observable, or demonstrable medical benefit to other children, as well as evidence the child has benefited or will benefit from the experimental program or equipment.
4. The Executive Director may approve the expected frequency and duration of the requested experimental program or equipment.
 5. Continuation of the program or equipment may be authorized if periodic evaluation by a physician shows an objective, observable, or demonstrable medical benefit to the child.

If the evaluation indicates consideration of other criteria, then additional information will be requested and should be submitted for review.

BENEFITS NOT SPECIFICALLY ADDRESSED

The Board has authorized the Executive Director to approve the benefits described in this Benefits Handbook. The Board recognizes, however, that there may be types of equipment or other items that may be of value to a child and their family but are not addressed in this Benefits Handbook.

If a parent or legal guardian believes a benefit not described in the Benefits Handbook would be beneficial and advantageous for their child, they may request in writing that it be reviewed as an exception by the Executive Director. If the parent/guardian is not satisfied with the finding, they may file a petition with the Division of Administrative Hearings requesting the assignment of an administrative law judge to resolve the dispute. See DOAH.fl.us for more details regarding the filing of a petition with the Division of Administrative Hearings.

PRIOR AUTHORIZATION

Even if a child has been determined eligible for benefits from NICA, parents or legal guardians should contact NICA before they commit to purchasing equipment or incurring any significant expenses for which they might seek reimbursement. Failure to do so may reduce the amount of reimbursement available as NICA has negotiated discounted rates with many suppliers who may offer the desired equipment or services at more reasonable costs than the one chosen by the parents or legal guardians. Obtaining prior approval will help families receive expedited payment of most benefits. Nurses Case Managers are available to work with parents or legal guardians to help get the necessary documentation.

NICA does not require prior authorization for medical emergencies. Within 60 days, a parent or guardian must notify NICA of the emergency and submit receipts and other required documentation.

Claims Request for Reimbursement or Benefits

For an original request for most benefits, a parent or guardian will need to submit ALL of the following:

- A letter of medical necessity from the prescribing physician or appropriate qualified and licensed health care provider and/or licensed therapist
- An Explanation of Benefits (EOB) or denial of coverage
- A receipt or other proof of purchase and direction to pay the reimbursement to you or to the provider directly

If you need assistance with what should be included in the letter of medical necessity or guidance on what is needed, please contact your Nurse Case Manager.

To be considered a claim for benefits all of the above must be included. A verbal inquiry is not sufficient to initiate a claim for benefits.

Some benefits do not require a letter of medical necessity following approval of the original request, such as replacement items, equipment repairs, recurring monthly payments for prescriptions, pre-approved therapy, supplies, and other items typically reimbursed monthly or weekly. These just require a receipt or invoice, EOB and direction who to pay.

Please keep in mind that NICA is subject to oversight and accountability of many government agencies and institutions. As such, NICA must be able to demonstrate the accuracy and legality of all payments to families through requested documents and associated payments.

NICA will honor reimbursement requests for expenses from medical providers and pharmacies submitted within one year of the date the expense was incurred if the request is accompanied by documentation of medical necessity and provider invoice or receipts. This time limit does not apply to expenses incurred before the child's acceptance into the NICA program. Reimbursement will be paid in a timely fashion and you will be notified in writing if a benefit is denied or NICA does not have sufficient information or documentation in order to pay the benefit.

Authorization to Obtain Services Outside Your Insurance Plan's Covered Area or Out of State

Parents or legal guardians must notify NICA before taking a participating child outside their insurance plan's covered area or outside the State of Florida for evaluation, surgery, or other medically necessary treatment. NICA must pre-authorize out-of-state treatment. NICA can expedite payment for pre-authorized equipment and services and sometimes pre-pay for them. Without preauthorization, NICA will only pay for treatment outside the insurance plan's covered area or for out-of-state treatment and travel if an emergency existed at the time of treatment.

DISAGREEMENTS, DENIAL OF BENEFITS

If a disagreement arises on a claim for benefits, we invite you to discuss the issue with a Nurse Claim Supervisor. They will welcome the opportunity to work with you in hopes of resolving the disagreement. In some instances, NICA may ask for a more clearly written letter of medical necessity or additional documentation.

If a disagreement arises and the Nurse Claim Supervisor cannot resolve it, upon written request, the Executive Director may review the claim and attempt to resolve the disagreement with the parents or legal guardians. If the Executive Director cannot resolve the disagreement and a benefit is denied, the parents or legal guardians may consider bringing it to the attention of the Insurance Consumer Advocate. Although this is an informal process, the Insurance Consumer Advocate may be able to provide additional guidance.

The contact information for the Insurance Consumer Advocate is:

Office of the Insurance Consumer Advocate

Florida Department of Financial Services

Office: 850.413.2868

Fax: 850.487.0453

If the parents or legal guardians are still not satisfied and a benefit is denied, they may file a petition or letter with the Florida Division of Administrative Hearings to dispute the amount of actual expenses reimbursed or the denial of reimbursement altogether. See DOAH.fl.us for more details.

The address to submit a letter or petition is:

Division of Administrative Hearings

1230 Apalachee Parkway

Tallahassee, FL 32399

Phone: (850) 488-9675

Fax: (850) 921-6847

doah.state.fl.us/ALJ/

Attachments:

- A. Van Agreement
- B. NICA Law - Sections 766.301 – 766.316, Florida Statutes
- C. How to contact us:

Florida Birth-Related Neurological Injury Compensation Association

P.O. Box 14567

Tallahassee, Florida 32308

1-800-398-2129 – Toll-Free

(850) 488-8191 - Telephone

(850) 922-5369 – Fax

NICA.com

AGREEMENT GOVERNING NICA - PURCHASED VEHICLE

THIS AGREEMENT is entered into this ____ day of _____, 20____, by and between the Florida Birth-Related Neurological Injury Compensation Association ("NICA") and _____ ("Parents") as parents/guardians/person with custody of _____, ("Participant").

1. Participant is covered by NICA pursuant to Section 766.31, Florida Statutes, and it has been deemed medically necessary/desirable for a specially equipped vehicle ("Vehicle") to be provided for use in transporting Participant. NICA is willing to supply such a vehicle on the terms and conditions set forth in this Agreement and in consideration thereof Parents agree to abide by the terms and conditions of this Agreement.

2. NICA will pay the purchase price and associated costs of acquisition of the Vehicle, but NICA will not retain title to the Vehicle and shall have no legal responsibility or liability arising in any fashion from ownership or use of the Vehicle. Parent acknowledges that the Vehicle is not Parent's personal property and is to be used primarily for the benefit of Participant and because of Participant's NICA covered impairments. Any rebate or refund which may be forwarded to or received by the Parent as a result of NICA's purchase of the Vehicle shall be the sole property of NICA, and shall be forwarded or returned to NICA within ten (10) days of its receipt by Parent. In the event that any such rebate or refund is not returned to NICA, NICA may offset any other payments due to the Parent for any reason up to and including the amount of such refund and rebate.

3. The Vehicle shall be titled in the name of the Parent, as Custodian for Participant under the Florida Uniform Transfer to Minors Act. NICA shall be listed as a lien holder on the title certificate to the Vehicle, but the parties acknowledge that Parent and Participant shall not be obligated to repay NICA the purchase price of the Vehicle so long as Parent abides by all terms and conditions of this Agreement.

4. Receipt of the Vehicle herein described constitutes compensation for medically necessary and reasonable travel expenses on behalf of the Participant, and is in lieu of any additional claim or payments of mileage and other expenses for such travel, except as specifically authorized by NICA. If authorized by NICA, gasoline for medically necessary and pre-approved travel will be reimbursed at a rate of \$.23 per mile for map mileage. NICA agrees to pay for all license tag/registration and renewals of same, tires, batteries, and other maintenance which may be reasonably necessary. Parent must provide receipts for reimbursement of maintenance. Any expenses in excess of \$150.00 require pre-approval or they may not be reimbursed. Parent agrees to maintain the Vehicle according to the manufacture's service schedule. Parent acknowledges that failure to maintain the Vehicle in good repair will result in a shortened life of the Vehicle. Vehicles that fail to reach seven (7) years or 150,000 miles in working order will not be replaced. Parent agrees to maintain at a minimum the State minimum mandatory coverages, including bodily injury/property damage liability insurance with limits of \$10/\$20/\$10, full comprehensive and collision insurance with a \$500 deductible, basic personal injury protection (no fault) as well as any other insurance as may be required by the state of residence or other applicable law. The Parent agrees to obtain three estimates of coverage for the vehicle, and NICA will reimburse the lowest of the three. NICA will only reimburse for insurance coverage for the Parent or legal guardian. **NICA will not reimburse for increases in automobile insurance premiums attributable to a poor driving record of the Parent or for any additional driver.** If the vehicle is involved in an accident or loss, the insurance deductible is the responsibility of the Parent. NICA shall be listed as loss payee on the comprehensive and collision insurance. Failure to maintain insurance as required in this Agreement may result in loss of the van or the van not being replaced.

5. This Agreement shall be binding upon any successor custodian, guardian, or similar fiduciary who may act on behalf of the Participant. The Vehicle shall have a life of seven (7) years or 150,000 miles from the date of Parent's possession of the Vehicle, and the Parent agrees to deliver possession of and transfer title to the Vehicle to NICA seven (7) years from the date of possession. In the event use of the Vehicle becomes no longer necessary for the benefit of Participant for any reason, Parent shall so notify NICA and shall deliver possession of and transfer title to the Vehicle to NICA.

6. The Vehicle subject to this Agreement is identified as follows:

Year/Make/Model: _____

Color: _____

Vehicle I.D. No: _____

IN WITNESS WHEREOF, the parties have signed this Agreement as indicated below:

PARENT:

Signature

Print Name

STATE OF FLORIDA COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20__, by _____, who is personally known to me or who has produced _____ as identification and who did (or did not) take an oath.

NOTARY PUBLIC - STATE OF FLORIDA

Print, Type, or Stamp Name of Notary Public;
Commission Number and date of Expiration:

PARENT:

Signature

Print Name

STATE OF FLORIDA COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____,
20__, by _____, who is personally known to me or who has
produced _____ as identification and who did (or did not) take an oath.

NOTARY PUBLIC - STATE OF FLORIDA

Print, Type, or Stamp Name of Notary Public;
Commission Number and date of Expiration:

**FLORIDA BIRTH-RELATED NEUROLOGICAL INJURY COMPENSATION ASSO-
CIATION (NICA):**

By: _____ Date: _____

Print Name and Title

STATE OF FLORIDA COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____,
20__, by _____, who is personally known to me or who has
produced _____ as identification and who did (or did not) take an oath.

NOTARY PUBLIC - STATE OF FLORIDA

Print, Type, or Stamp Name of Notary Public;
Commission Number and date of Expiration:

2021 FLORIDA STATUE CHAPTER 766

766.301 Legislative findings and intent.

- (1) The Legislature makes the following findings:
 - (a) Physicians practicing obstetrics are high-risk medical specialists for whom malpractice insurance premiums are very costly, and recent increases in such premiums have been greater for such physicians than for other physicians.
 - (b) Any birth other than a normal birth frequently leads to a claim against the attending physician; consequently, such physicians are among the physicians most severely affected by current medical malpractice problems.
 - (c) Because obstetric services are essential, it is incumbent upon the Legislature to provide a plan designed to result in the stabilization and reduction of malpractice insurance premiums for providers of such services in Florida.
 - (d) The costs of birth-related neurological injury claims are particularly high and warrant the establishment of a limited system of compensation irrespective of fault. The issue of whether such claims are covered by this act must be determined exclusively in an administrative proceeding.
- (2) It is the intent of the Legislature to provide compensation, on a no-fault basis, for a limited class of catastrophic injuries that result in unusually high costs for custodial care and rehabilitation. This plan shall apply only to birth-related neurological injuries.

History.—s. 60, ch. 88-1; s. 1, ch. 98-113.

766.302 Definitions; ss. 766.301-766.316.—As used in ss. 766.301-766.316, the term:

- (1) “Association” means the Florida Birth-Related Neurological Injury Compensation Association established in s. 766.315 to administer the Florida Birth-Related Neurological Injury Compensation Plan and the plan of operation established in s. 766.314.
- (2) “Birth-related neurological injury” means injury to the brain or spinal cord of a live infant weighing at least 2,500 grams for a single gestation or, in the case of a multiple gestation, a live infant weighing at least 2,000 grams at birth caused by oxygen deprivation or mechanical injury occurring in the course of labor, delivery, or resuscitation in the immediate postdelivery period in a hospital, which renders the infant permanently and substantially mentally and physically impaired.

This definition shall apply to live births only and shall not include disability or death caused by genetic or congenital abnormality.

- (3) “Claimant” means any person who files a claim pursuant to s. 766.305 for compensation for a birth-related neurological injury to an infant. Such a claim may be filed by any legal representative on behalf of an injured infant; and, in the case of a deceased infant, the claim may be filed by an administrator, personal representative, or other legal representative thereof.
- (4) “Administrative law judge” means an administrative law judge appointed by the division.
- (5) “Division” means the Division of Administrative Hearings of the Department of Management Services.

- (6) “Hospital” means any hospital licensed in Florida.
- (7) “Participating physician” means a physician licensed in Florida to practice medicine who practices obstetrics or performs obstetrical services either full time or part time and who had paid or was exempted from payment at the time of the injury the assessment required for participation in the birth-related neurological injury compensation plan for the year in which the injury occurred. Such term shall not apply to any physician who practices medicine as an officer, employee, or agent of the Federal Government.
- (8) “Plan” means the Florida Birth-Related Neurological Injury Compensation Plan established under s. 766.303.
- (9) “Family member” means a father, mother, or legal guardian.
- (10) “Family residential or custodial care” means care normally rendered by trained professional attendants which is beyond the scope of child care duties, but which is provided by family members. Family members who provide nonprofessional residential or custodial care may not be compensated under this act for care that falls within the scope of child care duties and other services normally and gratuitously provided by family members. Family residential or custodial care shall be performed only at the direction and control of a physician when such care is medically necessary. Reasonable charges for expenses for family residential or custodial care provided by a family member shall be determined as follows:
- (a) If the family member is not employed, the per-hour value equals the federal minimum hourly wage.
 - (b) If the family member is employed and elects to leave that employment to provide such care, the per-hour value of that care shall equal the rates established by Medicaid for private duty services provided by a home health aide. A family member or a combination of family members providing care in accordance with this definition may not be compensated for more than a total of 10 hours per day. Family care is in lieu of professional residential or custodial care, and no professional residential or custodial care may be awarded for the period of time during the day that family care is being provided.
 - (c) The award of family residential or custodial care as defined in this section shall not be included in the current estimates for purposes of s. 766.314(9)(c).

History.—s. 61, ch. 88-1; s. 36, ch. 88-277; s. 16, ch. 91-46; s. 2, ch. 93-251; s. 307, ch. 96-410; s. 149, ch. 2001-277; s. 5, ch. 2002-401.

766.303 Florida Birth-Related Neurological Injury Compensation Plan; exclusiveness of remedy.

- (1) There is established the Florida Birth-Related Neurological Injury Compensation Plan for the purpose of providing compensation, irrespective of fault, for birth-related neurological injury claims. Such plan shall apply to births occurring on or after January 1, 1989, and shall be administered by the Florida Birth-Related Neurological Injury Compensation Association.
- (2) The rights and remedies granted by this plan on account of a birth-related neurological injury shall exclude all other rights and remedies of such infant, her or his personal representative, parents, dependents, and next of kin, at common law or otherwise, against any person or entity directly involved with the labor, delivery, or immediate postdelivery resuscitation during which

such injury occurs, arising out of or related to a medical negligence claim with respect to such injury; except that a civil action shall not be foreclosed where there is clear and convincing evidence of bad faith or malicious purpose or willful and wanton disregard of human rights, safety, or property, provided that such suit is filed prior to and in lieu of payment of an award under ss. 766.301-766.316. Such suit shall be filed before the award of the division becomes conclusive and binding as provided for in s. 766.311.

(3) Sovereign immunity is hereby waived on behalf of the Florida Birth-Related Neurological Injury Compensation Association solely to the extent necessary to assure payment of compensation as provided in s. 766.31.

(4) The association shall administer the plan in a manner that promotes and protects the health and best interests of children with birth-related neurological injuries.

History.—s. 62, ch. 88-1; s. 37, ch. 88-277; s. 1, ch. 89-186; s. 1154, ch. 97-102; s. 74, ch. 2003-416; s. 2, ch. 2021-134.

766.304 Administrative law judge to determine claims

The administrative law judge shall hear and determine all claims filed pursuant to ss. 766.301-766.316 and shall exercise the full power and authority granted to her or him in chapter 120, as necessary, to carry out the purposes of such sections. The administrative law judge has exclusive jurisdiction to determine whether a claim filed under this act is compensable. No civil action may be brought until the determinations under s. 766.309 have been made by the administrative law judge. If the administrative law judge determines that the claimant is entitled to compensation from the association, or if the claimant accepts an award issued under s. 766.31, no civil action may be brought or continued in violation of the exclusiveness of remedy provisions of s. 766.303. If it is determined that a claim filed under this act is not compensable, neither the doctrine of collateral estoppel nor res judicata shall prohibit the claimant from pursuing any and all civil remedies available under common law and statutory law. The findings of fact and conclusions of law of the administrative law judge shall not be admissible in any subsequent proceeding; however, the sworn testimony of any person and the exhibits introduced into evidence in the administrative case are admissible as impeachment in any subsequent civil action only against a party to the administrative proceeding, subject to the Rules of Evidence. An award may not be made or paid under ss. 766.301-766.316 if the claimant recovers under a settlement or a final judgment is entered in a civil action.

History.—s. 63, ch. 88-1; s. 17, ch. 91-46; s. 3, ch. 93-251; s. 308, ch. 96-410; s. 1803, ch. 97-102; s. 2, ch. 98-113; s. 90, ch. 99-3; s. 75, ch. 2003-416; s. 109, ch. 2013-18.

766.305 Filing of claims and responses; medical disciplinary review.

(1) All claims filed for compensation under the plan shall commence by the claimant filing with the division a petition seeking compensation. Such petition shall include the following information:

(a) The name and address of the legal representative and the basis for her or his representation of the injured infant.

(b) The name and address of the injured infant.

(c) The name and address of any physician providing obstetrical services who was present at the birth and the name and address of the hospital at which the birth occurred.

- (d) A description of the disability for which the claim is made.
- (e) The time and place the injury occurred.
- (f) A brief statement of the facts and circumstances surrounding the injury and giving rise to the claim.

(2) The claimant shall furnish the division with as many copies of the petition as required for service upon the association, any physician and hospital named in the petition, and the Division of Medical Quality Assurance, along with a \$15 filing fee payable to the Division of Administrative Hearings. Upon receipt of the petition, the division shall immediately serve the association, by service upon the agent designated to accept service on behalf of the association, by registered or certified mail, and shall mail copies of the petition, by registered or certified mail, to any physician, health care provider, and hospital named in the petition, and shall furnish a copy by regular mail to the Division of Medical Quality Assurance and the Agency for Health Care Administration.

(3) The claimant shall furnish to the Florida Birth-Related Neurological Injury Compensation Association the following information, which must be filed with the association within 10 days after the filing of the petition as set forth in subsection (1):

- (a) All available relevant medical records relating to the birth-related neurological injury and a list identifying any unavailable records known to the claimant and the reasons for the records' unavailability.
- (b) Appropriate assessments, evaluations, and prognoses and such other records and documents as are reasonably necessary for the determination of the amount of compensation to be paid to, or on behalf of, the injured infant on account of the birth-related neurological injury.
- (c) Documentation of expenses and services incurred to date which identifies any payment made for such expenses and services and the payor.
- (d) Documentation of any applicable private or governmental source of services or reimbursement relative to the impairments.

The information required by paragraphs (a)-(d) shall remain confidential and exempt under the provisions of s. 766.315(5)(b).

(4) The association shall have 45 days from the date of service of a complete claim, filed pursuant to subsections (1) and (2), in which to file a response to the petition and to submit relevant written information relating to the issue of whether the injury alleged is a birth-related neurological injury.

(5) Upon receipt of such petition, the Division of Medical Quality Assurance shall review the information therein and determine whether it involved conduct by a physician licensed under chapter 458 or an osteopathic physician licensed under chapter 459 that is subject to disciplinary action, in which case the provisions of s. 456.073 shall apply.

(6) Upon receipt of such petition, the Agency for Health Care Administration shall investigate the claim, and if it determines that the injury resulted from, or was aggravated by, a breach of duty on the part of a hospital in violation of chapter 395, it shall take any such action consistent with its disciplinary authority as may be appropriate.

(7) Any claim which the association determines to be compensable may be accepted for compensation, provided that the acceptance is approved by the administrative law judge to whom the claim for compensation is assigned.

History.—s. 64, ch. 88-1; s. 2, ch. 89-186; s. 18, ch. 91-46; s. 4, ch. 93-251; s. 1, ch. 94-106; s. 309, ch. 96-410; s. 1804, ch. 97-102; s. 165, ch. 98-166; s. 287, ch. 99-8; s. 226, ch. 2000-160; s. 115, ch. 2002-1; s. 76, ch. 2003-416.

766.306 Tolling of statute of limitations.

The statute of limitations with respect to any civil action that may be brought by, or on behalf of, an injured infant allegedly arising out of, or related to, a birth-related neurological injury shall be tolled by the filing of a claim in accordance with ss. 766.301-766.316, and the time such claim is pending or is on appeal shall not be computed as part of the period within which such civil action may be brought.

History.—s. 65, ch. 88-1.

766.307 Hearing; parties; discovery.

(1) The administrative law judge shall set the date for a hearing no sooner than 60 days and no later than 120 days after the filing by a claimant of a petition in compliance with s. 766.305. The administrative law judge shall immediately notify the parties of the time and place of such hearing, which shall be held in the county where the injury occurred unless otherwise agreed to by the parties and authorized by the division.

(2) The parties to the hearing shall include the claimant and the association.

(3) Any party to a proceeding under ss. 766.301-766.316 may, upon application to the administrative law judge setting forth the materiality of the evidence to be given, serve interrogatories or cause the depositions of witnesses residing within or without the state to be taken, the costs thereof to be taxed as expenses incurred in connection with the filing of a claim. Such depositions shall be taken after giving notice and in the manner prescribed for the taking of depositions in actions at law, except that they shall be directed to the administrative law judge before whom the proceedings may be pending.

History.—s. 66, ch. 88-1; s. 19, ch. 91-46; s. 2, ch. 94-106; s. 310, ch. 96-410.

766.309 Determination of claims; presumption; findings of administrative law judge binding on participants.

(1) The administrative law judge shall make the following determinations based upon all available evidence:

(a) Whether the injury claimed is a birth-related neurological injury. If the claimant has demonstrated, to the satisfaction of the administrative law judge, that the infant has sustained a brain or spinal cord injury caused by oxygen deprivation or mechanical injury and that the infant was thereby rendered permanently and substantially mentally and physically impaired, a rebuttable presumption shall arise that the injury is a birth-related neurological injury as defined in s. 766.302(2).

(b) Whether obstetrical services were delivered by a participating physician in the course of labor, delivery, or resuscitation in the immediate postdelivery period in a hospital; or by a certified nurse midwife in a teaching hospital supervised by a participating physician in the course of labor, delivery, or resuscitation in the immediate postdelivery period in a hospital.

- (c) How much compensation, if any, is awardable pursuant to s. 766.31.
- (d) Whether, if raised by the claimant or other party, the factual determinations regarding the notice requirements in s. 766.316 are satisfied. The administrative law judge has the exclusive jurisdiction to make these factual determinations.
- (2) If the administrative law judge determines that the injury alleged is not a birth-related neurological injury or that obstetrical services were not delivered by a participating physician at the birth, she or he shall enter an order and shall cause a copy of such order to be sent immediately to the parties by registered or certified mail.
- (3) By becoming a participating physician, a physician shall be bound for all purposes by the finding of the administrative law judge or any appeal therefrom with respect to whether such injury is a birth-related neurological injury.
- (4) If it is in the interest of judicial economy or if requested to by the claimant, the administrative law judge may bifurcate the proceeding addressing compensability and notice pursuant to s. 766.316 first, and addressing an award pursuant to s. 766.31, if any, in a separate proceeding. The administrative law judge may issue a final order on compensability and notice which is subject to appeal under s. 766.311, prior to issuance of an award pursuant to s. 766.31.

History.—s. 68, ch. 88-1; s. 4, ch. 89-186; s. 21, ch. 91-46; s. 3, ch. 94-106; s. 312, ch. 96-410; s. 1805, ch. 97-102; s. 77, ch. 2003-416; s. 1, ch. 2006-8.

766.31 Administrative law judge awards for birth-related neurological injuries; notice of award.

- 1) The administrative law judge shall make the following determinations based upon all available evidence:
 - (a) Whether the injury claimed is a birth-related neurological injury. If the claimant has demonstrated, to the satisfaction of the administrative law judge, that the infant has sustained a brain or spinal cord injury caused by oxygen deprivation or mechanical injury and that the infant was thereby rendered permanently and substantially mentally and physically impaired, a rebuttable presumption shall arise that the injury is a birth-related neurological injury as defined in s. 766.302(2).
 - (b) Whether obstetrical services were delivered by a participating physician in the course of labor, delivery, or resuscitation in the immediate postdelivery period in a hospital; or by a certified nurse midwife in a teaching hospital supervised by a participating physician in the course of labor, delivery, or resuscitation in the immediate postdelivery period in a hospital.
 - (c) How much compensation, if any, is awardable pursuant to s. 766.31.
 - (d) Whether, if raised by the claimant or other party, the factual determinations regarding the notice requirements in s. 766.316 are satisfied. The administrative law judge has the exclusive jurisdiction to make these factual determinations.
- (2) If the administrative law judge determines that the injury alleged is not a birth-related neurological injury or that obstetrical services were not delivered by a participating physician at the birth, she or he shall enter an order and shall cause a copy of such order to be sent immediately to the parties by registered or certified mail.

(3) By becoming a participating physician, a physician shall be bound for all purposes by the finding of the administrative law judge or any appeal therefrom with respect to whether such injury is a birth-related neurological injury.

(4) If it is in the interest of judicial economy or if requested to by the claimant, the administrative law judge may bifurcate the proceeding addressing compensability and notice pursuant to s. 766.316 first, and addressing an award pursuant to s. 766.31, if any, in a separate proceeding. The administrative law judge may issue a final order on compensability and notice which is subject to appeal under s. 766.311, prior to issuance of an award pursuant to s. 766.31.

History.—s. 68, ch. 88-1; s. 4, ch. 89-186; s. 21, ch. 91-46; s. 3, ch. 94-106; s. 312, ch. 96-410; s. 1805, ch. 97-102; s. 77, ch. 2003-416; s. 1, ch. 2006-8.

1766.31 Administrative law judge awards for birth-related neurological injuries; notice of award.

(1) Upon determining that an infant has sustained a birth-related neurological injury and that obstetrical services were delivered by a participating physician at the birth, the administrative law judge shall make an award providing compensation for the following items relative to such injury:

(a) Actual expenses for medically necessary and reasonable medical and hospital, habilitative and training, family residential or custodial care, professional residential, and custodial care and service, for medically necessary drugs, special equipment, and facilities, and for related travel.

At a minimum, compensation must be provided for the following actual expenses:

1. A total annual benefit of up to \$10,000 for immediate family members who reside with the infant for psychotherapeutic services obtained from providers licensed under chapter 490 or chapter 491.

2. For the life of the child, providing parents or legal guardians with a reliable method of transportation for the care of the child or reimbursing the cost of upgrading an existing vehicle to accommodate the child's needs when it becomes medically necessary for wheelchair transportation. The mode of transportation must take into account the special accommodations required for the specific child. The plan may not limit such transportation assistance based on the child's age or weight. The plan must replace any vans purchased by the plan every 7 years or 150,000 miles, whichever comes first.

3. Housing assistance of up to \$100,000 for the life of the child, including home construction and modification costs.

(b) However, the following expenses are not subject to compensation:

1. Expenses for items or services that the infant has received, or is entitled to receive, under the laws of any state or the Federal Government, except to the extent such exclusion may be prohibited by federal law.

2. Expenses for items or services that the infant has received, or is contractually entitled to receive, from any prepaid health plan, health maintenance organization, or other private insuring entity.

3. Expenses for which the infant has received reimbursement, or for which the infant is entitled to receive reimbursement, under the laws of any state or the Federal Government, except to the extent such exclusion may be prohibited by federal law.

4. Expenses for which the infant has received reimbursement, or for which the infant is contractually entitled to receive reimbursement, pursuant to the provisions of any health or sickness insurance policy or other private insurance program.

(c) Expenses included under paragraph (a) are limited to reasonable charges prevailing in the same community for similar treatment of injured persons when such treatment is paid for by the injured person. The parents or legal guardians receiving benefits under the plan may file a petition with the Division of Administrative Hearings to dispute the amount of actual expenses reimbursed or a denial of reimbursement.

(d)1.a. Periodic payments of an award to the parents or legal guardians of the infant found to have sustained a birth-related neurological injury, which award may not exceed \$100,000. However, at the discretion of the administrative law judge, such award may be made in a lump sum. Beginning on January 1, 2021, the award may not exceed \$250,000, and each January 1 thereafter, the maximum award authorized under this paragraph shall increase by 3 percent.

b. Parents or legal guardians who received an award pursuant to this section before January 1, 2021, and whose child currently receives benefits under the plan must receive a retroactive payment in an amount sufficient to bring the total award paid to the parents or legal guardians pursuant to sub-subparagraph a. to \$250,000. This additional payment may be made in a lump sum or in periodic payments as designated by the parents or legal guardians and must be paid by July 1, 2021.

2.a. Death benefit for the infant in an amount of \$50,000.

b. Parents or legal guardians who received an award pursuant to this section, and whose child died since the inception of the program, must receive a retroactive payment in an amount sufficient to bring the total award paid to the parents or legal guardians pursuant to sub-subparagraph a. to \$50,000. This additional payment may be made in a lump sum or in periodic payments as designated by the parents or legal guardians and must be paid by July 1, 2021.

(e) Reasonable expenses incurred in connection with the filing of a claim under ss. 766.301-766.316, including reasonable attorney's fees, which shall be subject to the approval and award of the administrative law judge. In determining an award for attorney's fees, the administrative law judge shall consider the following factors:

1. The time and labor required, the novelty and difficulty of the questions involved, and the skill requisite to perform the legal services properly.
2. The fee customarily charged in the locality for similar legal services.
3. The time limitations imposed by the claimant or the circumstances.
4. The nature and length of the professional relationship with the claimant.
5. The experience, reputation, and ability of the lawyer or lawyers performing services.
6. The contingency or certainty of a fee.

Should there be a final determination of compensability, and the claimants accept an award under this section, the claimants shall not be liable for any expenses, including attorney's fees, incurred in connection with the filing of a claim under ss. 766.301-766.316 other than those expenses awarded under this section.

(2) The award shall require the immediate payment of expenses previously incurred and shall require that future expenses be paid as incurred.

(3) A copy of the award shall be sent immediately by registered or certified mail to each person served with a copy of the petition under s. 766.305(2).

History.—s. 69, ch. 88-1; s. 5, ch. 89-186; s. 22, ch. 91-46; s. 4, ch. 94-106; s. 313, ch. 96-410; s. 150, ch. 2001-277; s. 6, ch. 2002-401; s. 78, ch. 2003-416; s. 3, ch. 2021-134.

766.311 Conclusiveness of determination or award; appeal.

(1) A determination of the administrative law judge as to qualification of the claim for purposes of compensability under s. 766.309 or an award by the administrative law judge pursuant to s. 766.31 shall be conclusive and binding as to all questions of fact. Review of an order of an administrative law judge shall be by appeal to the District Court of Appeal. Appeals shall be filed in accordance with rules of procedure prescribed by the Supreme Court for review of such orders.

(2) In case of an appeal from an award of the administrative law judge, the appeal shall operate as a suspension of the award, and the association shall not be required to make payment of the award involved in the appeal until the questions at issue therein shall have been fully determined.

History.—s. 70, ch. 88-1; s. 23, ch. 91-46; s. 6, ch. 93-251; s. 314, ch. 96-410.

766.312 Enforcement of awards.

(1) The administrative law judge shall have full authority to enforce her or his awards and to protect herself or himself from any deception or lack of cooperation in reaching her or his determination as to any award. Such authority shall include the power to petition the circuit court for an order of contempt.

(2) A party may, if the circumstances so warrant, petition the circuit court for enforcement of a final award by the administrative law judge.

History.—s. 71, ch. 88-1; s. 24, ch. 91-46; s. 5, ch. 94-106; s. 315, ch. 96-410; s. 1806, ch. 97-102.

766.313 Limitation on claim.

Any claim for compensation under ss. 766.301-766.316 that is filed more than 5 years after the birth of an infant alleged to have a birth-related neurological injury shall be barred.

History.—s. 72, ch. 88-1; s. 38, ch. 88-277; s. 1, ch. 93-251.

766.314 Assessments; plan of operation.

(1) The assessments established pursuant to this section shall be used to finance the Florida Birth-Related Neurological Injury Compensation Plan.

(2) The assessments and appropriations dedicated to the plan shall be administered by the Florida Birth-Related Neurological Injury Compensation Association established in s. 766.315, in accordance with the following requirements:

(a) On or before July 1, 1988, the directors of the association shall submit to the Department of Insurance for review a plan of operation which shall provide for the efficient administration of the plan and for prompt processing of claims against and awards made on behalf of the plan.

The plan of operation shall include provision for:

1. Establishment of necessary facilities;
2. Management of the funds collected on behalf of the plan;
3. Processing of claims against the plan;
4. Assessment of the persons and entities listed in subsections (4) and (5) to pay awards and expenses, which assessments shall be on an actuarially sound basis subject to the limits set forth in subsections (4) and (5); and

5. Any other matters necessary for the efficient operation of the birth-related neurological injury compensation plan.

(b) Amendments to the plan of operation may be made by the directors of the plan, subject to the approval of the Office of Insurance Regulation of the Financial Services Commission.

(3) All assessments shall be deposited with the Florida Birth-Related Neurological Injury Compensation Association. The funds collected by the association and any income therefrom shall be disbursed only for the payment of awards under ss. 766.301-766.316 and for the payment of the reasonable expenses of administering the plan.

(4) The following persons and entities shall pay into the association an initial assessment in accordance with the plan of operation:

(a) On or before October 1, 1988, each hospital licensed under chapter 395 shall pay an initial assessment of \$50 per infant delivered in the hospital during the prior calendar year, as reported to the Agency for Health Care Administration; provided, however, that a hospital owned or operated by the state or a county, special taxing district, or other political subdivision of the state shall not be required to pay the initial assessment or any assessment required by subsection (5). The term "infant delivered" includes live births and not stillbirths, but the term does not include infants delivered by employees or agents of the board of trustees of a state university, those born in a teaching hospital as defined in s. 408.07, 2 or those born in a teaching hospital as defined in s. 395.806 that have been deemed by the association as being exempt from assessments since fiscal year 1997 to fiscal year 2001. The initial assessment and any assessment imposed pursuant to subsection (5) may not include any infant born to a charity patient (as defined by rule of the Agency for Health Care Administration) or born to a patient for whom the

hospital receives Medicaid reimbursement, if the sum of the annual charges for charity patients plus the annual Medicaid contractuals of the hospital exceeds 10 percent of the total annual gross operating revenues of the hospital. The hospital is responsible for documenting, to the satisfaction of the association, the exclusion of any birth from the computation of the assessment. Upon demonstration of financial need by a hospital, the association may provide for installment payments of assessments.

(b)1. On or before October 15, 1988, all physicians licensed pursuant to chapter 458 or chapter 459 as of October 1, 1988, other than participating physicians, shall be assessed an initial assessment of \$250, which must be paid no later than December 1, 1988.

2. Any such physician who becomes licensed after September 30, 1988, and before January 1, 1989, shall pay into the association an initial assessment of \$250 upon licensure.

3. Any such physician who becomes licensed on or after January 1, 1989, shall pay an initial assessment equal to the most recent assessment made pursuant to this paragraph, paragraph (5)(a), or paragraph (7)(b).

4. However, if the physician is a physician specified in this subparagraph, the assessment is not applicable:

a. A resident physician, assistant resident physician, or intern in an approved postgraduate training program, as defined by the Board of Medicine or the Board of Osteopathic Medicine by rule;

b. A retired physician who has withdrawn from the practice of medicine but who maintains an active license as evidenced by an affidavit filed with the Department of Health. Prior to reentering the practice of medicine in this state, a retired physician as herein defined must notify the Board of Medicine or the Board of Osteopathic Medicine and pay the appropriate assessments pursuant to this section;

c. A physician who holds a limited license pursuant to s. 458.317 and who is not being compensated for medical services;

d. A physician who is employed full time by the United States Department of Veterans Affairs and whose practice is confined to United States Department of Veterans Affairs hospitals; or

e. A physician who is a member of the Armed Forces of the United States and who meets the requirements of s. 456.024.

f. A physician who is employed full time by the State of Florida and whose practice is confined to state-owned correctional institutions, a county health department, or state-owned mental health or developmental services facilities, or who is employed full time by the Department of Health.

(c) On or before December 1, 1988, each physician licensed pursuant to chapter 458 or chapter 459 who wishes to participate in the Florida Birth-Related Neurological Injury Compensation Plan and who otherwise qualifies as a participating physician under ss. 766.301-766.316 shall pay an initial assessment of \$5,000. However, if the physician is either a resident physician, assistant resident physician, or intern in an approved postgraduate training program, as defined by the Board of Medicine or the Board of Osteopathic Medicine by rule, and is supervised in accordance with program requirements established by the Accreditation Council for Graduate Medical Education or the American Osteopathic Association by a physician who is participating in the plan, such resident physician, assistant resident physician, or intern is deemed to be a participating physician without the payment of the assessment. Participating physicians also include any employee of the board of trustees of a state university who has paid the assessment required by this paragraph and paragraph (5)(a), and any certified nurse midwife supervised by such employee. Participating physicians include any certified nurse midwife who has paid 50 percent of the physician assessment required by this paragraph and paragraph (5)(a) and who is

supervised by a participating physician who has paid the assessment required by this paragraph and paragraph (5)(a). Supervision for nurse midwives shall require that the supervising physician will be easily available and have a prearranged plan of treatment for specified patient problems which the supervised certified nurse midwife may carry out in the absence of any complicating features. Any physician who elects to participate in such plan on or after January 1, 1989, who was not a participating physician at the time of such election to participate and who otherwise qualifies as a participating physician under ss. 766.301-766.316 shall pay an additional initial assessment equal to the most recent assessment made pursuant to this paragraph, paragraph (5)(a), or paragraph (7)(b).

(d) Any hospital located in a county with a population in excess of 1.1 million as of January 1, 2003, as determined by the Agency for Health Care Administration under the Health Care Responsibility Act, may elect to pay the fee for the participating physician and the certified nurse midwife if the hospital first determines that the primary motivating purpose for making such payment is to ensure coverage for the hospital's patients under the provisions of ss. 766.301-766.316; however, no hospital may restrict any participating physician or nurse midwife, directly or indirectly, from being on the staff of hospitals other than the staff of the hospital making the payment. Each hospital shall file with the association an affidavit setting forth specifically the reasons why the hospital elected to make the payment on behalf of each participating physician and certified nurse midwife. The payments authorized under this paragraph shall be in addition to the assessment set forth in paragraph (5)(a).

(5)(a) Beginning January 1, 1990, the persons and entities listed in paragraphs (4)(b) and (c), except those persons or entities who are specifically excluded from said provisions, as of the date determined in accordance with the plan of operation, taking into account persons licensed subsequent to the payment of the initial assessment, shall pay an annual assessment in the amount equal to the initial assessments provided in paragraphs (4)(b) and (c). If payment of the annual assessment by a physician is received by the association by January 31 of any calendar year, the physician shall qualify as a participating physician for that entire calendar year. If the payment is received after January 31 of any calendar year, the physician shall qualify as a participating physician for that calendar year only from the date the payment was received by the association. On January 1, 1991, and on each January 1 thereafter, the association shall determine the amount of additional assessments necessary pursuant to subsection (7), in the manner required by the plan of operation, subject to any increase determined to be necessary by the Office of Insurance Regulation pursuant to paragraph (7)(b). On July 1, 1991, and on each July 1 thereafter, the persons and entities listed in paragraphs (4)(b) and (c), except those persons or entities who are specifically excluded from said provisions, shall pay the additional assessments which were determined on January 1. Beginning January 1, 1990, the entities listed in paragraph (4)(a), including those licensed on or after October 1, 1988, shall pay an annual assessment of \$50 per infant delivered during the prior calendar year. The additional assessments which were determined on January 1, 1991, pursuant to the provisions of subsection (7) shall not be due and payable by the entities listed in paragraph (4)(a) until July 1.

(b) If the assessments collected pursuant to subsection (4) and the appropriation of funds provided by s. 76, chapter 88-1, Laws of Florida, as amended by s. 41, chapter 88-277, Laws of Florida, to the plan from the Insurance Regulatory Trust Fund are insufficient to maintain the plan on an actuarially sound basis, there is hereby appropriated for transfer to the association from the Insurance Regulatory Trust Fund an additional amount of up to \$20 million.

(c)1. Taking into account the assessments collected pursuant to subsection (4) and appropriations from the Insurance Regulatory Trust Fund, if required to maintain the plan on an actuarially sound basis, the Office of Insurance Regulation shall require each entity licensed to issue casualty insurance as defined in s. 624.605(1)(b), (k), and (q) to pay into the association an annual assessment

in an amount determined by the office pursuant to paragraph (7)(a), in the manner required by the plan of operation.

2. All annual assessments shall be made on the basis of net direct premiums written for the business activity which forms the basis for each such entity's inclusion as a funding source for the plan in the state during the prior year ending December 31, as reported to the Office of Insurance Regulation, and shall be in the proportion that the net direct premiums written by each carrier on account of the business activity forming the basis for its inclusion in the plan bears to the aggregate net direct premiums for all such business activity written in this state by all such entities.

3. No entity listed in this paragraph shall be individually liable for an annual assessment in excess of 0.25 percent of that entity's net direct premiums written.

4. Casualty insurance carriers shall be entitled to recover their initial and annual assessments through a surcharge on future policies, a rate increase applicable prospectively, or a combination of the two.

(6)(a) The association shall make all assessments required by this section, except initial assessments of physicians licensed on or after October 1, 1988, which assessments will be made by the Department of Business and Professional Regulation, and except assessments of casualty insurers pursuant to subparagraph (5)(c)1., which assessments will be made by the Office of Insurance Regulation. Beginning October 1, 1989, for any physician licensed between October 1 and December 31 of any year, the Department of Business and Professional Regulation shall make the initial assessment plus the assessment for the following calendar year. The Department of Business and Professional Regulation shall provide the association, with such frequency as determined to be necessary, a listing, in a computer-readable form, of the names and addresses of all physicians licensed under chapter 458 or chapter 459.

(b)1. The association may enforce collection of assessments required to be paid pursuant to ss. 766.301-766.316 by suit filed in county court. The association shall be entitled to an award of attorney's fees, costs, and interest upon the entry of a judgment against a physician for failure to pay such assessment, with such interest accruing until paid. Notwithstanding the provisions of chapters 47 and 48, the association may file such suit in either Leon County or the county of the residence of the defendant.

2. The Department of Business and Professional Regulation, upon notification by the association that an assessment has not been paid and that there is an unsatisfied judgment against a physician, shall not renew any license to practice for such physician issued pursuant to chapter 458 or chapter 459 until such time as the judgment is satisfied in full.

(c) The Agency for Health Care Administration shall, upon notification by the association that an assessment has not been timely paid, enforce collection of such assessments required to be paid by hospitals pursuant to ss. 766.301-766.316. Failure of a hospital to pay such assessment is grounds for disciplinary action pursuant to s. 395.1065 notwithstanding any provision of law to the contrary.

(7)(a) The Office of Insurance Regulation shall undertake an actuarial investigation of the requirements of the plan based on the plan's experience in the first year of operation and any additional relevant information, including without limitation the assets and liabilities of the plan.

Pursuant to such investigation, the Office of Insurance Regulation shall establish the rate of contribution of the entities listed in paragraph (5)(c) for the tax year beginning January 1, 1990. Following the initial valuation, the Office of Insurance Regulation shall cause an actuarial valuation to be made of the assets and liabilities of the plan no less frequently than biennially. Pursuant to the results of such valuations, the Office of Insurance Regulation shall prepare a statement as to the contribution rate applicable to the entities listed in paragraph (5)(c). However, at no time shall the rate be greater than 0.25 percent of net direct premiums written.

(b) If the Office of Insurance Regulation finds that the plan cannot be maintained on an actuarially sound basis based on the assessments and appropriations listed in subsections (4) and (5), the office shall increase the assessments specified in subsection (4) on a proportional basis as needed.

(8) The association shall report to the Legislature its determination as to the annual cost of maintaining the fund on an actuarially sound basis. In making its determination, the association shall consider the recommendations of all hospitals, physicians, casualty insurers, attorneys, consumers, and any associations representing any such person or entity. Notwithstanding the provisions of s. 395.3025, all hospitals, casualty insurers, departments, boards, commissions, and legislative committees shall provide the association with all relevant records and information upon request to assist the association in making its determination. All hospitals shall, upon request by the association, provide the association with information from their records regarding any live birth. Such information shall not include the name of any physician, the name of any hospital employee or agent, the name of the patient, or any other information which will identify the infant involved in the birth. Such information thereby obtained shall be utilized solely for the purpose of assisting the association and shall not subject the hospital to any civil or criminal liability for the release thereof. Such information shall otherwise be confidential and exempt from the provisions of s. 119.07(1) and s. 24(a), Art. I of the State Constitution.

(9)(a) Within 60 days after a claim is filed, the association shall estimate the present value of the total cost of the claim, including the estimated amount to be paid to the claimant, the claimant's attorney, the attorney's fees of the association incident to the claim, and any other expenses that are reasonably anticipated to be incurred by the association in connection with the adjudication and payment of the claim. For purposes of this estimate, the association should include the maximum benefits for noneconomic damages.

(b) The association shall revise these estimates quarterly based upon the actual costs incurred and any additional information that becomes available to the association since the last review of this estimate. The estimate shall be reduced by any amounts paid by the association that were included in the current estimate.

(c) In the event the total of all current estimates equals 80 percent of the funds on hand and the funds that will become available to the association within the next 12 months from all sources described in subsections (4) and (5) and paragraph (7)(a), the association shall not accept any new claims without express authority from the Legislature. Nothing herein shall preclude the association from accepting any claim if the injury occurred 18 months or more prior to the effective date of this suspension. Within 30 days of the effective date of this suspension, the association shall notify the Governor, the Speaker of the House of Representatives, the President of the Senate, the Office of Insurance Regulation, the Agency for Health Care Administration, the Department of Health, and the Department of Business and Professional Regulation of this suspension.

(d) If any person is precluded from asserting a claim against the association because of paragraph (c), the plan shall not constitute the exclusive remedy for such person, his or her personal representative, parents, dependents, or next of kin.

History.—s. 73, ch. 88-1; s. 39, ch. 88-277; s. 44, ch. 88-294; s. 6, ch. 89-186; s. 103, ch. 92-33; s. 122, ch. 92-149; s. 1, ch. 92-196; s. 94, ch. 92-289; s. 66, ch. 93-268; s. 1, ch. 94-85; s. 248, ch. 94-218; s. 426, ch. 96-406; s. 1807, ch. 97-102; s. 81, ch. 97-237; s. 167, ch. 98-166; s. 288, ch. 99-8; s. 227, ch. 2000-160; s. 7, ch. 2002-401; s. 4, ch. 2003-258; s. 1901, ch. 2003-261; ss. 79, 84, ch. 2003-416.

1Note.—Duties of the Department of Insurance were transferred to the Department of Financial Services or the Financial Services Commission by ch. 2002-404, and s. 20.13, creating the Department of Insurance, was repealed by s. 3, ch. 2003-1.

2Note.—As amended by s. 4, ch. 2003-258, enacted at the 2003 Regular Session. Section 79, ch. 2003-416, enacted at Special Session D, 2003, failed to incorporate the amendment by s. 4, ch. 2003-258, adding the language “or those born in a teaching hospital as defined in s. 395.806 that have been deemed by the association as being exempt from assessments since fiscal year 1997 to fiscal year 2001.”

3Note.—As amended by s. 1901, ch. 2003-261, enacted at the 2003 Regular Session. Section 79, ch. 2003-416, enacted at Special Session D, 2003, failed to incorporate the amendment by s. 1901, ch. 2003-261, which substituted a reference to the Office of Insurance Regulation for a reference to the Department of Insurance.

766.3145 Code of ethics.

(1) On or before July 1 of each year, employees of the association must sign and submit a statement attesting that they do not have a conflict of interest as defined in part III of chapter 112. As a condition of employment, all prospective employees must sign and submit to the association a conflict-of-interest statement.

(2) The executive director, senior managers, and members of the board of directors are subject to the code of ethics under part III of chapter 112. For purposes of applying part III of chapter 112 to activities of the executive director, senior managers, and members of the board of directors, those persons are considered public officers or employees and the association is considered their agency. A board member may not vote on any measure that would inure to his or her special private gain or loss and, notwithstanding s. 112.3143(2), may not vote on any measure that he or she knows would inure to the special private gain or loss of any principal by whom he or she is retained or to the parent organization or subsidiary of a corporate principal by which he or she is retained, other than an agency as defined in s. 112.312; or that he or she knows would inure to the special private gain or loss of a relative or business associate of the public officer. Before the vote is taken, such member shall publicly state to the board the nature of his or her interest in the matter from which he or she is abstaining from voting and, within 15 days after the vote occurs, disclose the nature of his or her interest as a public record in a memorandum filed with the person responsible for recording the minutes of the meeting, who shall incorporate the memorandum in the minutes.

(3) Notwithstanding s. 112.3148, s. 112.3149, or any other law, an employee or board member may not knowingly accept, directly or indirectly, any gift or expenditure from a person or entity, or an employee or representative of such person or entity, which has a contractual relationship with the association or which is under consideration for a contract.

(4) An employee or board member who fails to comply with subsection (2) or subsection (3) is subject to penalties provided under ss. 112.317 and 112.3173.

(5) Any senior manager or executive director of the association who is employed on or

after January 1, 2022, regardless of the date of hire, who subsequently retires or terminates employment is prohibited from representing another person or entity before the association for 2 years after retirement or termination of employment from the association.

History.—s. 4, ch. 2021-134.

766.315 Florida Birth-Related Neurological Injury Compensation Association; board of directors.

(1)(a) The Florida Birth-Related Neurological Injury Compensation Plan shall be governed by a board of seven directors which shall be known as the Florida Birth-Related Neurological Injury Compensation Association. The association is not a state agency, board, or commission. Notwithstanding the provision of s. 15.03, the association is authorized to use the state seal.

(b) The directors shall be appointed for staggered terms of 3 years or until their successors are appointed and have qualified; however, a director may not serve for more than 6 consecutive years.

(c) The directors shall be appointed by the Chief Financial Officer as follows:

1. One citizen representative who is not affiliated with any of the groups identified in subparagraphs 2.-7.

2. One representative of participating physicians.

3. One representative of hospitals.

4. One representative of casualty insurers.

5. One representative of physicians other than participating physicians.

6. One parent or legal guardian representative of an injured infant under the plan.

7. One representative of an advocacy organization for children with disabilities.

(2)(a) The Chief Financial Officer may select the representative of the participating physicians from a list of at least three names recommended by the American Congress of Obstetricians and Gynecologists, District XII; the representative of hospitals from a list of at least three names recommended by the Florida Hospital Association; the representative of casualty insurers from a list of at least three names, one of which is recommended by the American Insurance Association, one of which is recommended by the Florida Insurance Council, and one of which is recommended by the Property Casualty Insurers Association of America; and the representative of physicians, other than participating physicians, from a list of three names recommended by the Florida Medical Association and a list of three names recommended by the Florida Osteopathic Medical Association. However, the Chief Financial Officer is not required to make an appointment from among the nominees of the respective associations. A participating physician who is named in a pending petition for a claim may not be appointed to the board. An appointed director who is a participating physician may not vote on any board matter relating to a claim accepted for an award for compensation if the physician is named in the petition for the claim.

(b) If applicable, the Chief Financial Officer shall promptly notify the appropriate association or person identified in paragraph (a) to make recommendations upon the occurrence of any vacancy, and like nominations may be made for the filling of the vacancy.

(c) The Governor or the Chief Financial Officer may remove a director from office for misconduct, malfeasance, misfeasance, or neglect of duty in office. Any vacancy so created shall be filled as provided in paragraph (a).

(3) The directors may not transact any business or exercise any power of the plan except upon the affirmative vote of four directors. The directors shall serve without salary but are entitled to receive reimbursement for actual and necessary expenses incurred in the performance of his or her official duties as a director of the plan in accordance with s. 112.061. The directors are not subject to any liability with respect to the administration of the plan.

(4) The board of directors has the power to:

(a) Administer the plan.

(b) Administer the funds collected on behalf of the plan.

(c) Administer the payment of claims on behalf of the plan.

(d) Direct the investment and reinvestment of any surplus funds over losses and expenses, if any investment income generated thereby remains credited to the plan.

(e) Reinsure the risks of the plan in whole or in part.

(f) Sue and be sued, and appear and defend, in all actions and proceedings in its name to the same extent as a natural person.

(g) Have and exercise all powers necessary or convenient to effect any or all of the purposes for which the plan is created.

(h) Enter into such contracts as are necessary or proper to administer the plan.

(i) Employ or retain such persons as are necessary to perform the administrative and financial transactions and responsibilities of the plan and to perform other necessary and proper functions not prohibited by law.

(j) Take such legal action as may be necessary to avoid payment of improper claims.

(k) Indemnify any employee, agent, member of the board of directors or alternate thereof, or person acting on behalf of the plan in an official capacity, for expenses, including attorney fees, judgments, fines, and amounts paid in settlement actually and reasonably incurred in connection with any action, suit, or proceeding, including any appeal thereof, arising out of such person's capacity to act on behalf of the plan, if such person acted in good faith and in a manner he or she reasonably believed to be in, or not opposed to, the best interests of the plan and the health and best interest of the child having birth-related neurological injuries, and if, with respect to any criminal action or proceeding, such person had reasonable cause to believe his or her conduct was lawful.

(5)(a) Money may be withdrawn on account of the plan only upon a voucher as authorized by the association.

(b) All meetings of the board of directors are subject to the requirements of s. 286.011, and all books, records, and audits of the plan are open to the public for reasonable inspection, except that a claim file in the possession of the association or its representative is confidential and exempt from the provisions of s. 119.07(1) and s. 24(a), Art. I of the State Constitution until termination of litigation or settlement of the claim, although medical records and other portions of the claim file may remain confidential and exempt as otherwise provided by law. Any book, record, document, audit, or asset acquired by, prepared for, or paid for by the association is subject to the authority of the board of directors, which is responsible therefor.

- (c) Except in the case of emergency meetings, the association shall give notice of any board meeting by publication on the association's website not fewer than 7 days before the meeting. The association shall prepare an agenda in time to ensure that a copy of the agenda may be received at least 7 days before the meeting by any person who requests a copy and who pays the reasonable cost of the copy. The agenda, along with any meeting materials available in electronic form, excluding confidential and exempt information, shall be published on the association's website. The agenda shall contain the items to be considered in order of presentation and a telephone number for members of the public to participate telephonically at the board meeting. After the agenda has been made available, a change shall be made only for good cause, as determined by the person designated to preside, and must be stated in the record. Notification of such change shall be at the earliest practicable time.
- (d) Each person authorized to receive deposits, issue vouchers, or withdraw or otherwise disburse any funds shall post a blanket fidelity bond in an amount reasonably sufficient to protect plan assets, as determined by the plan of operation. The cost of such bond will be paid from the assets of the plan.
- (e) Annually, the association shall furnish audited financial reports to any plan participant upon request, to the Office of Insurance Regulation of the Financial Services Commission, and to the Joint Legislative Auditing Committee. The reports must be prepared in accordance with accepted accounting procedures and must include such information as may be required by the Office of Insurance Regulation or the Joint Legislative Auditing Committee. At any time determined to be necessary, the Office of Insurance Regulation or the Joint Legislative Auditing Committee may conduct an audit of the plan.
- (f) Funds held on behalf of the plan are funds of the State of Florida. The association may only invest plan funds in the investments and securities described in s. 215.47, and shall be subject to the limitations on investments contained in that section. All income derived from such investments will be credited to the plan. The State Board of Administration may invest and reinvest funds held on behalf of the plan in accordance with the trust agreement approved by the association and the State Board of Administration and within the provisions of ss. 215.44-215.53.
- (6) The association shall furnish annually to each parent and legal guardian receiving benefits under the plan either by mail or electronically a list of expenses compensable under the plan.
- (7) The association shall publish a report on its website by January 1, 2022, and every January 1 thereafter. The report shall include:
- (a) The names and terms of each board member and executive staff member.
 - (b) The amount of compensation paid to each association employee.
 - (c) A summary of reimbursement disputes and resolutions.
 - (d) A list of expenditures for attorney fees and lobbying fees.
 - (e) Other expenses to oppose each plan claim. Any personal identifying information of the parent, legal guardian, or child involved in the claim must be removed from this list.
- (8) On or before November 1, 2021, and by each November 1 thereafter, the association shall submit a report to the Governor, the President of the Senate, the Speaker of the House of Representatives, and the Chief Financial Officer. The report must include:
- (a) The number of petitions filed for compensation with the division, the number of claimants awarded compensation, the number of claimants denied compensation, and the reasons for the denial of compensation.
 - (b) The number and dollar amount of paid and denied compensation for expenses by category and the reasons for any denied compensation for expenses by category.

- (c) The average turnaround time for paying or denying compensation for expenses.
- (d) Legislative recommendations to improve the program.
- (e) A summary of any pending or resolved litigation during the year which affects the plan.
- (f) The amount of compensation paid to each association employee or member of the board of directors.
- (g) For the initial report due on or before November 1, 2021, an actuarial report conducted by an independent actuary which provides an analysis of the estimated costs of implementing the following changes to the plan:
 1. Reducing the minimum birth weight eligibility for a participant in the plan from 2,500 grams to 2,000 grams.
 2. Revising the eligibility for participation in the plan by providing that an infant must be permanently and substantially mentally or physically impaired, rather than permanently and substantially mentally and physically impaired.
 3. Increasing the annual special benefit or quality of life benefit from \$500 to \$2,500 per calendar year.

History.—s. 74, ch. 88-1; s. 40, ch. 88-277; s. 7, ch. 89-186; s. 2, ch. 94-85; s. 427, ch. 96-406; s. 1808, ch. 97-102; s. 3, ch. 98-113; s. 2, ch. 98-409; s. 1902, ch. 2003-261; s. 3, ch. 2006-8; s. 11, ch. 2014-103; s. 5, ch. 2021-134.

766.316 Notice to obstetrical participants of participation in the plan.

Each hospital with a participating physician on its staff and each participating physician, other than residents, assistant residents, and interns deemed to be participating physicians under s. 766.314(4)(c), under the Florida Birth-Related Neurological Injury Compensation Plan shall provide notice to the obstetrical patients as to the limited no-fault alternative for birth-related neurological injuries. Such notice shall be provided on forms furnished by the association and shall include a clear and concise explanation of a patient's rights and limitations under the plan. The hospital or the participating physician may elect to have the patient sign a form acknowledging receipt of the notice form. Signature of the patient acknowledging receipt of the notice form raises a rebuttable presumption that the notice requirements of this section have been met. Notice need not be given to a patient when the patient has an emergency medical condition as defined in s. 395.002(8)(b) or when notice is not practicable.

History.—s. 75, ch. 88-1; s. 8, ch. 89-186; s. 4, ch. 98-113; s. 91, ch. 99-3; s. 205, ch. 2007-230.

Florida Birth-Related Neurological Injury Compensation Association

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Tallahassee, Florida 32317
1-800-398-2129 – Toll-Free
(850) 488-8191 - Telephone
(850) 922-5369 – Fax
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QUICK REFERENCE BENEFITS LIST

The following list includes, but is not limited to, the benefits that have been requested and/or covered to date. Additional limitations and procedures are described in the Benefit Handbook. Additional benefits may potentially be covered for an individual based on medical necessity but are not on this list because they have not been requested, prescribed, or paid to date. Always check with your Nurse Case Manager if something is not included on this list.

For an original request for most benefits, you will need:

- Letter of Medical Necessity (LMN)
- Explanation of Benefits (EOB) or denial of coverage
- Receipt, proof of purchase, or direction to pay to the provider or another party

Some benefits do not require an LMN after the original request – for example, replacement items, drugs already approved, ongoing therapy already approved, and other ongoing or recurring items. Check with your Nurse Case Manager if you are not sure whether a specific item needs an LMN.



BENEFITS

- One-time lump sum Parental Award of \$250,000
- Professional Nursing Care: Agency-provided care for up to 24 hours/day as recommended by the physician. Family-provided care in lieu of Professional Nursing Care as recommended by physician (limitations apply)
- Doctor visits (related to neurological birth injury), including copays and deductibles where applicable
- Hospital treatment (related to neurological birth injury) and facilities charges
- Prescription Drugs related to neurological birth injury
- Insurance policies and premiums, copays, deductibles (related to neurological birth injury)

Therapy:

- Physical therapy
- Occupational therapy
- Speech therapy
- Aqua therapy
- Intensive therapy
- Music therapy
- Hippotherapy
- Massage therapy
- Annual Therapy Camp (Limited to \$2,000/year)
- Behavior therapy

- Psychotherapeutic services for individual family member living with participant (up to \$10,000 year)
- Other therapies as recommended by physician and approved

Augmentative Communication Technology:

- Computer (limit \$1,000 if no adaptive programs)
- iPad (limit \$500 if no adaptive programs)
- Adaptive programs for computer or iPad
- Dynavox
- Other technology as approved

SUPPLIES

- Diapers, wipes, and incontinence supplies
- Feeding bags
- Trach supplies
- Enteral formulas
- Gloves
- Sanitizer
- Bibs
- Toothettes
- Special socks for AFOs, braces, or other orthotics (4 pairs)
- Special cups and utensils for feeding
- Washcloths or drool cloths
- Mouth swabs
- Under pads (bed linen savers)
- Sterile saline for wound care
- Shoes to fit with AFOs, braces, or other orthotics (2 pairs per year)

(Routine supplies of daily living are not covered, such as trash bags)

Pre-Packaged or Pureed Foods:

- Provided after age 2
(baby food – some price limitations)
- Blender up to \$500 every 3 years

Annual Special Benefit:

- \$500 per calendar year (no LMN necessary)

Transportation:

- Reliable method of transportation for medical appointments
- Handicap modified van and van-related expenses
- Replacement every 7 years or 150,000 miles

Other travel expenses for medically necessary travel related to the neurological injury:

- Mileage
- Hotel and meals if overnight stay is required (over 50 miles from home)

Housing Assistance Up to \$100,000 for:

- New home construction
- Purchase of handicap-accessible home
- Construction of handicap modifications to existing home

(limitations apply – see Benefit Handbook)

Death Benefit:

- \$50,000

Guardianship costs:

- Up to \$2,500 as a one-time benefit

Experimental Therapy or Drugs

as approved: *(see Benefit Handbook for details)*

- See Benefit Handbook for benefits that are not specifically addressed in this list.

ELECTRIC STIPEND

Upon request, NICA may provide families with a monthly stipend of up to \$100 to offset the additional electricity costs associated with the use of medically necessary equipment related to the child's neurological injury, such as oxygen concentrators and suction machines.



Agenda Item # 4.C. (Tab S)

Policies and Procedures

Florida Birth Related Neurological Injury Compensation Association (NICA)

Personnel Policies and Procedures Manual

1. On or before July 1 of each year, employees of the association must sign and submit a statement attesting that they do not have a conflict of interest as defined in part III of chapter. As a condition of employment, all prospective employees must sign and submit to the association a conflict-of-interest statement ([Section 766.3145 Florida Statutes Code of ethics](#)).
2. Applicable to **the executive director, the ombudsman, senior managers, and members of the board of directors are subject to the code of ethics under part III of chapter 112.**
 - For purposes of applying part III of chapter 112 to activities of the executive director, senior managers, and members of the board of directors, those persons are considered public officers or employees and the association is considered their agency.
 - A board member may not vote on any measure that would inure to his or her special private gain or loss and, notwithstanding s. 112.3143(2), may not vote on any measure that he or she knows would inure to the special private gain or loss of any principal by whom he or she is retained or to the parent organization or subsidiary of a corporate principal by which he or she is retained, other than an agency as defined in s. 112. or that he or she knows would inure to the special private gain or loss of a relative or business associate of the public officer.
 - Before the vote is taken, such member shall publicly state to the board the nature of his or her interest in the matter from which he or she is abstaining from voting and, within 15 days after the vote occurs, disclose the nature of his or her interest as a public record in a memorandum filed with the person responsible for recording the minutes of the meeting, who shall incorporate the memorandum in the minutes.
3. Notwithstanding s. 112.3148, s. 112.3149, or any other law, an employee or board member may not knowingly accept, directly or indirectly, any gift or expenditure from a person or entity, or an employee or representative of such person or entity, which has a contractual relationship with the association or which is under consideration for a contract.
4. An employee or board member who fails to comply with subsection (2) or subsection (3) is subject to penalties provided under ss. 112.317 and 112.3173.
5. Any senior manager or executive director of the association who is employed on or after January 1, 2022, regardless of the date of hire, who subsequently retires or terminates employment is prohibited from representing another person or entity before the association for 2 years after retirement or termination of employment from the association.
6. Workforce members will sign the employee Manual each year with ethics statements (above).
7. Workforce members will sign the Access NARF and Confidentiality agreement annually or every 3 years, at a minimum.



**Florida Birth Related Neurological Injury Compensation Association
(NICA)**

Personnel Policies and Procedures Manual

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Florida Birth Related Neurological Injury Compensation Association (NICA) Personnel Policies and Procedures Manual

I. Introduction

The board of directors of this association is responsible for setting policies for its staff members. The board employs the Executive Director, to whom it delegates responsibility for the day-to-day administration of the association. The Executive Director manages the staff, using policies approved by the board of directors.

This manual is intended to outline and explain Florida Birth-Related Neurological Injury Compensation Association (NICA) practices and policies. This manual also summarizes current company benefits. Please refer to the actual plan documents for information and answers to specific benefit questions.

This employee manual should be regarded as a set of guidelines only. It is not a contract. Neither the policies in this manual, nor any other written or verbal communication by a board member, manager, or supervisor are intended to create a contract of employment or a warranty of benefits. The policies in this manual may be amended, modified, deleted or otherwise changed by NICA without prior notice. This manual supersedes and replaces all prior employee manuals, handbooks, policies or procedures. If you have any questions about any of the policies or procedures in this manual, please consult the Executive Director. Every employee is to receive and sign for a copy of the Personnel Policies Manual. It is the responsibility of every employee to be familiar with these policies upon employment.

II. At-Will Employment

NICA has an "at-will" employment policy, which means that the term of employment is for no definite period and may be terminated by the employee or by NICA at any time and for any reason, with or without cause or advance notice.

III. Equal Employment Opportunity

It is NICA's policy to provide equal employment opportunity for all applicants and employees. NICA does not unlawfully discriminate on the basis of race, color, religion, sex (including pregnancy, childbirth or related medical conditions), national origin, ancestry, age, physical disability, mental disability, medical condition, family care status, veteran status, marital status, or sexual orientation. NICA also makes reasonable accommodations for employees with disabilities. Finally, NICA prohibits the harassment of any individual on any of the bases listed above. For information about the types of conduct that constitute impermissible harassment and NICA's internal procedures for addressing harassment complaints, please refer to the Policy Against Harassment below.

This non-discrimination policy applies to all areas of employment including recruitment, hiring, training, promotion, compensation, benefits, and transfers. It is the responsibility of all staff to conscientiously follow this policy.

IV. Policy Against Harassment

NICA is committed to providing a workplace free of sexual harassment (which includes harassment based on gender, pregnancy, childbirth, or related medical conditions), as well as

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harassment based on such factors as race, color, religion, national origin, ancestry, age, physical disability, mental disability, medical condition, marital status, sexual orientation, family care or medical leave status, or veteran status. NICA will not tolerate harassment of employees by managers, supervisors, or co-workers. Similarly, NICA will not tolerate harassment by anyone with whom NICA employees have a business, service, or professional relationship.

Harassment includes verbal, physical, and visual conduct that creates an intimidating, offensive, or hostile working environment or that interferes with work performance. Such conduct constitutes harassment when (1) submission to the conduct is made either an explicit or implicit condition of employment; (2) submission to or rejection of the conduct is used as the basis for an employment decision; or (3) the harassment interferes with an employee's work performance or creates an intimidating, hostile, or offensive work environment.

Harassing conduct can take many forms and includes, but is not limited to, the following: slurs, jokes, statements, gestures, assault, impeding or blocking another's movement or otherwise physically interfering with normal work, pictures, drawings, or cartoons based upon an employee's sex, race, color, national origin, religion, age, physical disability, mental disability, medical condition, ancestry, marital status, sexual orientation, family care or medical leave status, or veteran status.

Sexually harassing conduct in particular includes all of these prohibited actions as well as other unwelcome conduct such as requests for sexual favors, conversation containing sexual comments, and unwelcome sexual advances.

If you experience harassment by a coworker, supervisor, client, or vendor, please immediately report the behavior to your immediate supervisor. If your supervisor is absent or contributing to the harassment in any way, please report the behavior to the Executive Director. If the Executive Director is unavailable or contributing to the harassment in any way, please immediately report the behavior to the Association's Board of Directors. It is your responsibility to report any harassing behavior pursuant to this complaint procedure so that the problem can be remedied.

Every reported complaint of harassment will be investigated thoroughly, promptly, and in a confidential manner. In addition, NICA will not tolerate retaliation against any employee for cooperating in an investigation or for making a complaint to their supervisor or the Executive Director.

In the case of employees, if harassment is established, NICA will discipline the offender. Disciplinary action for a violation of this policy can range from verbal or written warnings up to and including immediate termination, depending upon the circumstances. With regard to acts of harassment by customers or vendors, corrective action will be taken after consultation with the appropriate management personnel.

V. Internal Complaint Review Procedure

The purpose of the "Internal Complaint Review Policy" is to afford all employees of NICA the opportunity to seek internal resolution of their work-related complaints. This policy is intended to supplement the "Open Door Policy" set forth in this manual, which states the philosophy of NICA is that all employees have free access to their immediate supervisor or the Executive Director to informally express their work-related concerns. This policy is not applicable to complaints of

Florida Birth Related Neurological Injury Compensation Association (NICA) Personnel Policies and Procedures Manual

harassment or discrimination. All employees should strictly abide by the complaint procedure set forth in the Policy Against Harassment above.

VI. Employee Classifications, Hours of Work, Overtime & Pay Day

A. Employee Classifications

1. Full-time Employees

Full-time employees work at least 37.5 hours per week on a continual basis and are paid on a salary basis.

2. Part-time regular employees

Part-time regular employees work less than 35 hours per week and are paid on an hourly basis. Part-time regular employees are eligible for retirement benefits but are not eligible for most other benefits.

3. Temporary Employees

These are full-time or part-time employees engaged to work for a pre-determined period. Temporary employees are not eligible for benefits.

4. Employee Probationary Period

The first six months for all employees will be a probationary period. The purpose of the probationary period is to observe a new employee's job performance and to assure effective compatibility between the employee and the Association. The probationary period may be extended at the request and approval of the Executive Director for up to three months. If at any time during the probationary period, the employee is not performing up to the standards outlined in their position description employee may be terminated.

B. Hours of Work

NICA business hours are from 8:30 a.m. to 5:00 p.m. Monday through Friday with an hour for lunch. All personnel are required to be on the job each day unless leave has been approved in advance. In the event of sudden illness, the employee should notify the office manager or their supervisor as soon as possible that they are unable to report to work. The lunch hour is staggered to ensure a sufficient number of employees are at their workstations to enable smooth office operation. Flex time or other hours must be approved by the Executive Director in advance.

C. Overtime Pay

NICA will pay overtime consistent with applicable federal and state law and regulations. Non-exempt employees may not work overtime without prior approval. Exempt employees will be given comp-time in lieu of overtime pay.

Florida Birth Related Neurological Injury Compensation Association (NICA) Personnel Policies and Procedures Manual

1. Workweek and Workday

Unless otherwise provided, the workweek on which weekly overtime calculations will be based begins each Saturday at midnight; and each workday on which daily overtime calculations will be based begins at midnight.

D. Types of Pay

1. Holiday Pay

Employees are paid their regular straight-time wages for paid holidays as set forth under the guideline entitled "Holidays." To receive holiday pay, the employee must work the regularly scheduled workdays preceding and following the holiday, or receive prior approval from his or her supervisor to take the time off.

2. Pay Advances

If an employee needs an emergency pay advance, a request form must be completed and submitted to the Executive Director.

E. Payment of Wages

1. Regular Pay Days

Employees are paid biweekly. Employees must complete time sheets on a biweekly basis. If a payday falls on a holiday, paychecks/deposits will be distributed on the preceding workday. Checks are direct deposited unless directed otherwise by the employee. Paychecks will not be distributed to anyone other than the employee unless approved by the employee in writing. The person picking up the paycheck must sign for the check and have proper identification.

2. Payment on Resignation or Termination

If an employee resigns, his or her paycheck will be available on the next payday provided the employee has given at least 72 hours notice. If an employee resigns without giving 72 hours notice or fails to return to work, his or her paycheck will be mailed by regular mail to his or her last known address not later than 72 hours after the date when an employee is considered to have terminated. The employee's final paycheck will include payment for all wages due and not previously paid and for up to two weeks accrued but unused vacation time, minus authorized deductions. Remaining personal leave and holidays are not paid upon termination. The time sheet for the last period worked must be completed and signed by the end of that pay period so the final paycheck can be processed. Employees must return all Association equipment including keys and credit cards before the final paycheck will be issued.

F. Performance and Pay Review

Probationary performance review will be conducted six months from date of hire. Twelve months from the date of hire a performance and salary review will be performed and yearly thereafter on the anniversary date of hire. The purpose of the review is to review work performance for the previous period and to establish work plans for the coming year. Employees whose work

Florida Birth Related Neurological Injury Compensation Association (NICA) Personnel Policies and Procedures Manual

performance is deemed unsatisfactory may be put on probation for a period of three months with a plan for corrective action. At the end of the three month period the employee will be evaluated to determine employment status.

VII. Employee Benefits

NICA provides benefits for its regular full-time eligible employees and limited benefits for regular part-time employees. However, NICA reserves the right to eliminate or modify any of its benefits at any time.

A. Insurance Benefits

1. Worker's Compensation Insurance

NICA carries workers' compensation insurance coverage as required by law to protect employees who are injured on the job. This insurance provides medical, surgical, and hospital treatment in addition to payment for loss of earnings that result from work-related injuries. Compensation payments will be made as required under Chapter 440, Florida Statutes. The cost of this coverage is paid completely by NICA.

2. Unemployment Insurance

NICA carries unemployment Insurance for each employee. The cost of this coverage is paid completely by NICA.

3. Medical, Dental, Life and Disability Insurance

All regular full-time employees and their dependents are eligible to participate in NICA's health and dental plan starting with the first month after the employee's hire date. The cost of the coverage is paid by NICA for all full time employees. If an employee wishes to include coverage for family members on the NICA plan, the additional cost up to \$200 for a spouse or child only, and \$300 for family coverage will be assumed by the employee. The cost will be deducted from the employees paycheck.

Life insurance for employee only is provided at one times the employees annual salary, premium paid by NICA with a minimum face value of \$25,000.

Long term disability is provided for the employee only, premium is paid by the association

4. Insurance Coverage Information

More detailed information about eligibility requirements and insurance coverage is available from the Deputy Director.

5. Retirement Program

NICA provides retirement benefits to employees in the form of a 401(K) plan. After one year of continuous employment, NICA will fund 15% of the employee's annual salary to the 401(K) plan.

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Employees vest partially each year after the first year and fully vest after six years of continuous employment.

6. Professional Dues

NICA will pay for membership in pre-approved professional organizations.

7. Continuing Education

NICA will pay for pre-approved work related educational programs.

VIII. Holidays, Vacation, Sick Leave and Leaves Of Absence

A. Holidays

NICA observes the following standard holidays and provides all regular full and part-time employees time off with pay at their normal base rate unless otherwise provided in this policy: New Years Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, Friday after Thanksgiving, Christmas Day, and one Personal Day.

1. Time Off

NICA may, in its discretion, require an employee to work on scheduled holidays and provide alternate time off.

2. Weekends and Vacations

Holidays falling on a Saturday are observed on the preceding Friday and holidays falling on Sunday are observed on the following Monday. Holidays that occur during an employee's vacation are not to be counted as vacation days taken.

3. Eligibility

Temporary employees are ineligible for holiday benefits. All employees are ineligible for holiday benefits that accrue while on leave of absence.

B. Vacation Policy

NICA provides vacation benefits to eligible employees to enable them to take paid time off for rest and recreation. NICA believes this time is valuable for employees to enhance their productivity and to make their work experience with NICA personally satisfying.

1. Vacation/Annual Time

Leave benefits are available to full time employees. Annual leave must be approved in advance by the Executive Director. Employees are eligible to take annual leave accrued to date six months after date of hire. Unused hours may be carried over to the next fiscal year with advance written

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approval of the Executive Director, however, no more than 80 hours may be carried over. Employees may be eligible to use annual leave before it has been accrued if it has been approved in advance by the Executive Director. Eligible employees who have terminated from the association may be paid the balance of their accumulated annual leave on their final paycheck. However, upon termination, if an employee has used more annual leave than has been accrued, the dollar amount of that annual leave will be deducted from the employee's final paycheck.

2. Part-time and Temporary Employees

Regular part-time employees working less than 35 hours per week and temporary part-time or full-time employees do not accumulate vacation benefits.

3. Accrual

Vacation time is accrued based on the length of service at the following rates:

Up to five years	7.5 hours per month
Five up to ten years	9.375 hours per month
Ten years +	12.50 hours per month

4. Pay in Lieu of Vacation

No employee will receive pay in lieu of vacation except on the termination of his or her employment, as described below, unless the employee has deferred his or her vacation at NICA's request.

5. Vacation Accrual During Leaves of Absence

No vacation accrues during an unpaid leave of absence or while on disability salary continuation. Vacation accruals recommence when the employee returns to work.

6. Vacation Pay on Termination

On termination of employment, the employee is paid accrued but unused vacation at the employee's base rate of pay at the time of his or her termination. There is a cap of 80 hours of accumulated vacation that will be paid upon termination.

7. Vacation Approval

All vacation requests must be approved in advance.

8. Vacation Scheduling

Scheduling of vacations is to be done in a manner consistent with NICA's operational requirements. Vacation requests should be submitted by employees to their immediate supervisor for approval at least two weeks prior to the commencement of a vacation period.

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Subject to supervisor approval, an employee may otherwise schedule and take vacation at any time once it has accrued.

9. Holidays Occurring During Vacation

If an observed Association holiday (see guideline entitled "Holidays") occurs during an employee's scheduled vacation, no deduction from accrued vacation will be made for the holiday period. An employee may add to his or her vacation period by adding to or using the holiday period in place of accrued vacation time.

10. Vacation Increments

Accrued vacation must be taken by eligible employees in increments of at least .25 hour.

11. Vacation for Unpaid Leave Purpose

Employees who request leave pursuant to NICA's unpaid leave policy must apply any available accrued vacation pay to their leave.

C. Sick Leave

In order to help prevent loss of earnings caused by accident or illness, or by other emergencies, NICA has established paid sick and emergency leave.

1. Eligibility

All regular full-time employees are eligible for 5 hours per month sick leave. Employees accrue sick leave during their probationary period. Regular part-time and temporary employees are ineligible to earn or receive sick leave benefits. Employees may carry unlimited sick leave from one year to the next. However, employees will not be paid for any accrued sick leave when they leave the employ of the association.

2. Use

Sick leave may be taken for personal illness, emergency, disability, for the care of immediate family (spouse, parents, siblings, children or grandparents of employee or spouse), births, adoptions or foster care.

- Hours absent for medical and dental appointments will be treated as sick leave.
- New employees are eligible for sick leave after completion of one month of employment.
- NICA retains the right to request verification from a licensed health care provider for all absences due to illness or disability. Sick pay may be withheld if a satisfactory verification is not received.

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- In the event of family sick leave, employee must: 1) be the recognized as the caregiver for extended leave, 2) provide original medical certification by the attending physician/medical facility and, 3) identify the relationship to the immediate family member on the attendance and leave form.
- Sick leave will not accrue during any leave of absence.

3. Pay in Lieu of Sick Leave

No employee will receive pay in lieu of sick leave under any circumstances, and employees will not receive pay for unused sick leave on termination of employment.

D. Administrative Leave

An employee is entitled to three days of administrative leave for the death of an immediate family member (spouse, parents, siblings, child or grandparents of employee or spouse). Other types of administrative leave are described under Legally Required Leaves of Absence.

E. Personal Holiday

After the completion of six months of satisfactory employment, full time employees accrue one personal day per year on July 1 to be taken by June 30 or lost.

IX. Leaves of Absence

In addition to medical leaves described above, employees may take a temporary unpaid leave of absence.

A. Unpaid Leave

1. Eligibility

To be eligible for unpaid leave, an employee must (1) have worked for NICA for at least twelve months prior to the date on which the leave is to commence; and (2) have worked at least 1,250 hours in the twelve (12) months preceding the leave.

2. Use of Leave

Unpaid leave may be requested for (1) the birth or adoption of an employee's child; (2) the placement of foster child with the employee; or (3) the serious health condition of an employee's child, spouse, or parent. Unpaid leave may be requested for an employee's own serious health condition.

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3. Substitution of Paid Leave

Employees are required to substitute accrued vacation time and other paid leave for unpaid leave. The substitution of paid leave for unpaid leave does not extend the total duration of unpaid leave to which the employee is entitled to beyond 12 weeks in the 12-month period.

4. Definition of Unpaid Leave

Provided all the conditions of this policy are met, an employee may take a maximum of 12 weeks of unpaid leave in a rolling 12-month period measured backwards from the date the employee's leave commences.

5. Effect on Benefits

During the unpaid leave period, NICA shall continue to pay for the employee's participation in NICA's group health plans to the same extent and under the same terms and conditions as would apply had the employee not taken leave.

Paid leave benefits such as sick and vacation time will not accrue during the unpaid leave period.

B. Legally Required Leaves of Absence

Employees will be granted a leave of absence as required by law for the purpose of fulfilling any required legal or military obligation (e.g., jury duty, appearance as a witness in a legal proceeding, military reserve duty, appearance at school by a parent when requested pursuant to the Education Code, or performance of emergency duty by a volunteer firefighter).

Employees are required to provide reasonable advance notice of any need for such leave and are expected to return to work each day or portion of the day that they are not selected for jury duty or called as a witness. For non-exempt employees, this leave will be unpaid. For exempt employees, salary during leave will be offset by any amounts received as jury or witness fees or as military pay, and no salary will be paid for workweeks in which no Association work is performed.

Employees who do not have sufficient time outside of their regular working hours to vote in a statewide election may request time off to vote. If possible, employees should make their request at least two days in advance of the election. Up to two hours of paid time off will be provided, at the beginning or end of the employee's regular shift, whichever will allow the most free time for voting and the least time off work.

X. Workplace Rules And Procedures

A. Rules of Conduct and Discipline

Employees are expected to observe certain standards of job performance and good conduct. When performance or conduct does not meet the Association's standards, NICA will endeavor when it deems appropriate to provide the employee a reasonable opportunity to correct the

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deficiency. If, however, the employee fails to make the correction, he or she will be subject to disciplinary action including termination.

1. **Florida Code of Ethics** ([\(Section 766.3145 Florida Statutes Code of ethics\)](#)).

The rules set forth below are intended to provide employees with fair notice of what is expected of them. It is expressly understood however, that such rules cannot identify every type of unacceptable conduct and performance. Therefore, employees should be aware that conduct not specifically listed below but which adversely affects or is otherwise detrimental to the interests of NICA, other employees, or customers, may also result in disciplinary action. Nothing in these rules is intended to modify the at-will nature of your employment with the company.

- a. On or **before** July 1 of each year, employees of the association must sign and submit a statement attesting that they do not have a conflict of interest as defined in part III of chapter. As a condition of employment, all prospective employees must sign and submit to the association a conflict-of-interest statement ([Section 766.3145 Florida Statutes Code of ethics](#)).
- b. Applicable to **the executive director, the ombudsman, senior managers, and members of the board of directors are subject to the code of ethics under part III of chapter 112.**
 - For purposes of applying part III of chapter 112 to activities of the executive director, senior managers, and members of the board of directors, those persons are considered public officers or employees and the association is considered their agency.
 - A board member may not vote on any measure that would inure to his or her special private gain or loss and, notwithstanding s. 112.3143(2), may not vote on any measure that he or she knows would inure to the special private gain or loss of any principal by whom he or she is retained or to the parent organization or subsidiary of a corporate principal by which he or she is retained, other than an agency as defined in s. 112. or that he or she knows would inure to the special private gain or loss of a relative or business associate of the public officer.
 - Before the vote is taken, such member shall publicly state to the board the nature of his or her interest in the matter from which he or she is abstaining from voting and, within 15 days after the vote occurs, disclose the nature of his or her interest as a public record in a memorandum filed with the person responsible for recording the minutes of the meeting, who shall incorporate the memorandum in the minutes.

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- c. Notwithstanding s. 112.3148, s. 112.3149, or any other law, an employee or board member may not knowingly accept, directly or indirectly, any gift or expenditure from a person or entity, or an employee or representative of such person or entity, which has a contractual relationship with the association or which is under consideration for a contract.
- d. An employee or board member who fails to comply with subsection (2) or subsection (3) is subject to penalties provided under ss. 112.317 and 112.3173.
- e. Any senior manager or executive director of the association who is employed on or after January 1, 2022, regardless of the date of hire, who subsequently retires or terminates employment is prohibited from representing another person or entity before the association for 2 years after retirement or termination of employment from the association.

2. Implementation Procedures

- a. NICA workforce members sign the Personnel Policies and Procedures Manual containing the ethics statements (above)
- b. NICA workforce will sign and date the Code of Conduct and Ethics Statement.
- c. NICA workforce members and Business Associates sign the NARF, and confidentiality agreements annually
- d. NICA workforce members receive annual training on personnel policies (formally) and continue routine meetings and training on updates for systems, workforce matters, etc.
- e. NICA workforce members and Business Associates review and sign Access Controls Policy documents annually which address applicable acceptable use requirements which may include-physical and technical, an escalation policy
- f. When required and appropriate NICA provides advanced training for administration
- g. NICA conducts annual and/or more frequent reviews of policies and training to evaluate effectiveness and needs for additional workforce training.

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B. Personnel Records

The information in the employee's personnel file is permanent and confidential, and must be kept up-to-date. The employee should inform the office manager whenever there are changes in personal data such as address, telephone number, marital status, number of dependents, and person(s) to notify in case of emergency.

The employee has the right to inspect his or her personnel file at reasonable times at a reasonable place, and on reasonable notice. In addition, employees have the right to request copies of all employment-related documents that they have signed. An employee may inspect only his or her own personnel file and only in the presence of the Executive Director.

Personnel files are the property of NICA and may not be removed from NICA's premises without written authorization from the Executive Director.

C. Conflicts of Interest

1. Policy

All employees are expected to use good judgment, to adhere to high ethical standards, and to avoid situations that create an actual or potential conflict between the employee's personal interests and the interests of NICA. A conflict of interest exists when the employee's loyalties or actions are divided between NICA's interests and those of another, such as a competitor, supplier, or customer. Both the fact and the appearance of a conflict of interest should be avoided. Employees unsure as to whether a certain transaction, activity, or relationship constitutes a conflict of interest should discuss it with their supervisor or the Executive Director for clarification. Any exceptions to this guideline must be approved in writing by the Executive Director.

While it is not feasible to describe all possible conflicts of interest that could develop, some of the more common conflicts, from which employees should refrain, include the following:

- Under no circumstance may employees accept financial gifts or any other gift for personal use. Any gift received must be disclosed and returned or turned over to NICA. If a gift is consumable, it must be placed in a public area for consumption by all employees.
- Working for a vendor, supplier, customer, or someone whose interests are adverse to NICA.
- Engaging in self-employment adverse to NICA.
- Using proprietary or confidential Association information for personal gain or to NICA's detriment.

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- Developing a personal relationship with a subordinate employee of NICA that might interfere with the exercise of impartial judgment in decisions affecting NICA or any employees of NICA.
- Using Association assets or labor for personal use.
- Acquiring any interest in property or assets of any kind for the purpose of selling or leasing it to NICA; or
- Committing NICA to give its financial or other support to any outside activity or organization.

If an employee or someone with whom an employee has a close relationship (a family member or close companion) has a financial or employment relationship with a customer, supplier, potential supplier or someone whose interests are adverse to NICA, the employee must disclose this fact in writing to the Executive Director. Employees should be aware that if they enter into a personal relationship with a subordinate employee or with an employee of a supplier, customer or someone whose interests are adverse to NICA a conflict of interest may exist, which requires full disclosure to NICA.

Employees may engage in outside employment, provided that they disclose such employment to the Executive Director and it does not adversely affect their performance or attendance with NICA.

Failure to adhere to this guideline, including failure to disclose any conflicts or to seek an exception, will result in discipline, up to and including termination of employment.

D. Solicitation, Distribution and Bulletin Boards

Employees may distribute or circulate non-Association written materials only during non-working time and only in non-work areas. If an employee is not certain whether an area is a work or non-work area, he or she should consult his or her immediate supervisor for clarification.

Solicitation or distribution in any way connected with the sale of any goods or services for profit is strictly prohibited anywhere on Association property at any time. Similarly, solicitation or distribution of literature for any purpose by non-employees is strictly prohibited on NICA's property at any time.

E. Security and Confidential Information

The security of employees, employee property, and Association property is of vital importance to NICA. All employees share responsibility to ensure that proper security is maintained.

1. Proprietary and Confidential Information

Association property includes not only tangible property, like desks and computers, but also intangible property such as information. Of particular importance are proprietary information and



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confidential information. Proprietary information includes all information obtained by Association employees during the course of their work. This Manual, for example, contains proprietary information. Confidential information is any Association information that is not known generally to the public or the industry. Customer lists, customer files, personnel files, computer records, financial and marketing data, process descriptions, research plans, formulas, and trade secrets are examples of confidential information.

Given the nature of NICA's business, protecting proprietary and confidential information is of vital concern.

Employees must not use or disclose any proprietary or confidential information that they obtain during employment with NICA, except as required by their jobs. This obligation remains even after an employee's employment relationship with NICA ends. If an employee is in a position that gives him or her access to particularly sensitive information, the employee may be required to sign a written nondisclosure agreement. In addition, all employees must observe good security practices. They are expected to keep proprietary and confidential information secure from outside visitors and all other persons who do not have a legitimate reason to see or use such information.

Association rules regarding document control, restricted access to areas of the facility, and other such procedures must be strictly observed by each employee. Failure to adhere to Association policies regarding proprietary and confidential information will be considered grounds for discipline, including dismissal.

2. Obligations on Termination

On termination of employment, whether voluntary or involuntary, all Association documents and other tangible Association property in the employee's possessions or control must be returned to NICA.

F. Technology Use and Privacy

NICA provides various technology resources to employees to assist them in performing their job duties. Each employee has a responsibility to use NICA's technology resources in a manner that increases productivity, enhances NICA's public image, and is respectful of other employees. Failure to follow NICA's policies regarding its technology resources may lead to disciplinary measures, up to and including termination of employment.

1. Technology Resources Definition

Technology Resources consist of all electronic devices, software, and means of electronic communication including, but not limited to, the following: personal computers and workstations; lap-top computers; mini and mainframe computers; computer hardware such as disk drives and tape drives; peripheral equipment such as printers, modems, fax machines, and copiers; computer software applications and associated files and data, including software that grants access to external services, such as the Internet; electronic mail; telephones; cellular phones; pagers; and voicemail systems.



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2. Authorization

Access to NICA 's technology resources is within the sole discretion of NICA. Generally, employees are given access to NICA's various technologies based on their job functions. Only employees whose job performance will benefit from the use of these resources will be given access to the necessary technology. Additionally, employees must successfully complete Association approved training before being given access.

3. Access to Technology Resources

All messages sent and received, including personal messages, and all data and information stored on NICA's electronic-mail system, voicemail system, or computer systems are Association property regardless of the content. As such, NICA reserves the right to access all of its technology resources including its computers, voicemail, and electronic-mail systems, at any time, in its sole discretion.

3. Confidentiality

Some of the information to which NICA has access is confidential. Employees should avoid sending confidential information over the Internet, except when absolutely necessary. Employees also should verify electronic mail addresses before transmitting any messages. Employees are expected to use good judgment and to adhere to the highest ethical standards when using or transmitting confidential information.

4. Software Use

All software in use on NICA's technology resources is officially licensed software. No software is to be installed or used that has not been duly paid for and licensed appropriately for the use to which it is being put. No employee may load any software on NICA's computers, by any means of transmission, unless authorized in advance. Authorization for loading software onto NICA's computers should not be given until the software to be loaded has been thoroughly scanned for viruses

5. Access and Confidentiality

All workforce and Business Associates must sign the Access NARF and Confidentiality agreements annually

G. Drug-Free Workplace

1. Policy

It is the intent of NICA to maintain a workplace that is free of drugs and alcohol and to discourage drug and alcohol abuse by its employees. NICA has a vital interest in maintaining safe and efficient working conditions for its employees. Substance abuse is incompatible with health, safety, efficiency, and success at NICA. Employees who are under the influence of a drug or alcohol on the job compromise NICA's interests, endanger their own health and safety and the



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health and safety of others, and can cause a number of other work-related problems, including absenteeism and tardiness, substandard job performance, increased workloads for co-workers, behavior that disrupts other employees, delays in the completion of jobs, inferior quality in products or service, and disruption of customer relations.

To further its interest in avoiding accidents, to promote and maintain safe and efficient working conditions for its employees, and to protect its business, property, equipment, and operations, NICA has established this Guideline concerning the use of alcohol and drugs. As a condition of continued employment with NICA, each employee must abide by this Guideline.

H. Termination

1. Voluntary Termination

NICA will consider an employee to have voluntarily terminated his or her employment if an employee does any of the following:

- Elects to resign from NICA.
- Fails to return from an approved leave of absence on the date specified; or
- Fails to report for work without notice for three consecutive days.

Employee will receive payment for vested vacation days up to two weeks. No sick leave or personal days will be paid

2. Involuntary Termination

An employee may be terminated involuntarily for reasons that include poor performance, misconduct, or other violations of NICA's rules of conduct, as set forth below. Notwithstanding this list of rules, NICA reserves the right to discharge with or without cause and with or without prior notice.

NICA reserves the right to proceed directly to a written warning or to termination for misconduct or performance deficiency, without resort to prior disciplinary steps, when NICA deems such action appropriate. Nothing in these rules is intended to modify the at-will nature of your employment with the company.

Employee will receive two weeks' severance pay; plus, accrued vacation will be paid. No sick leave or personal days will be paid.

3. Job Performance

Employees may be disciplined for poor job performance, including but not limited to the following:

- Unsatisfactory work quality or quantity.

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- Poor attitude (for example, rudeness or lack of cooperation).
- Excessive absenteeism, tardiness, or abuse of break and lunch privileges.
- Failure to follow instructions or procedures; or
- Failure to follow established safety regulations.

4. Misconduct

Employees may be disciplined for misconduct, including but not limited to the following:

- Absenteeism and Tardiness – It is difficult for the Association to properly serve our clients when an employee does not report to work as scheduled. It also creates an unnecessary burden on fellow employees. Therefore, the Association cannot tolerate absenteeism or tardiness.
- Insubordination – the Association expects every employee to follow the instructions of supervisors and other management officials. Failure to do so constitutes insubordination.
- Fraud, Dishonesty and False Statements – Falsification of any application, medical history record, invoice, paperwork, time record, or any other document is strictly prohibited.
- Theft – the Association does not tolerate theft in any form. To protect you, your co-workers, our customers and the Association, the Association reserves the right to inspect all desks, purses, briefcases, packages, vehicles, and any other personal property which is brought onto Association property. If you wish to remove any Association property from the premises, you must obtain written permission in advance from your supervisor.
- Courtesy – Courtesy is the responsibility of every employee. Everyone is expected to be courteous, polite, and friendly both to our customers and to their fellow employees. No one should be disrespectful to a customer, use profanity or engage in any activity, which injures the image or reputation of our Association.
- Damage of Association Property – the Association has made a tremendous investment in our facility and equipment to provide the best service to our customers and to make your job easier. Deliberate or careless damage to the Association's property will not be tolerated.
- Conflict of Interest – It is the Association's policy to forbid employees from accepting any form of remuneration from any business or individual which provides services or products to the Association, or represents a company, firm or individual which has taken a position or is in a position adverse to the Association.

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- Fighting, Threats, and Weapons – the Association cannot allow fighting or threatening words or conduct. Nor can the Association allow the possession of weapons of any kind on Association premises.
- Gifts and Gratuities – Employees may not request or accept any gift or gratuity of any kind from a customer or supplier, without the express authorization of the Executive Director.
- Misuse of Property – Our policy prohibits the misuse or use without authorization of the equipment, vehicles or other property of customers, vendors, other employees, or the Association.
- Poor Performance – Every employee is expected to make every effort to learn his or her job and to perform that job at a satisfactory level. Any employee who fails to maintain a satisfactory level of performance is subject to termination.
- Safety – The Association is committed to providing a safe place for you to work, and the Association has established a safety program to ensure that everyone understands the importance of safety. This program requires each of us to exercise good judgment and common sense in our day-to-day work. Horseplay and practical jokes can cause accidents and injuries and therefore are not permitted.
- Sleeping and Inattention – The Association expects every employee to be fully alert while on the job to ensure the safety of all employees and to properly serve our customers. Therefore, the Association cannot tolerate sleeping or inattention on the job.
- Harassment – This Association strictly prohibits all forms of harassment. Please review the No Harassment Policy in this Handbook.
- Being under the influence of, manufacturing, dispensing, distributing, using, or possessing alcohol or illegal or controlled substances on Company property or while conducting Association business.
- Solicitation/Distribution – Solicitation by an employee of another employee during the working time of either employee for any reason is strictly prohibited. Distribution of advertising materials, handbills or other literature is always prohibited in all working areas. Solicitation and distribution by non-employees are always prohibited on Association premises.
- Being convicted of a crime that indicates unfitness for the job or raises a threat to the safety or well-being of NICA, its employees, customers, or property; or
- Participation in activities in opposition to the mission, goals, and objectives of NICA.

Violation of any of these rules may lead to discipline, up to and including immediate discharge. Obviously, this list is not all inclusive and there may be other circumstances for which employees may be disciplined, up to and including immediate discharge. If you have any questions about



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these basics, or what the Association expects of you as one of our employees, please discuss them with your supervisor.

5. Termination Due to Reorganizations, Economics, or Lack of Work

From time to time, NICA may need to terminate an employee as a consequence of reorganizations, job eliminations, economic downturns, or lack of work. Should NICA consider such terminations necessary, NICA will attempt to provide all affected employees with advance notice when practical. Layoff benefits associated with such terminations, if any, will be as specified in the notice.

XI. Workplace Safety

A. Policy

NICA is committed to providing and maintaining a healthy and safe work environment for all employees. You are required to report immediately to your supervisor any potential health or safety hazards, and all injuries or accidents. First aid supplies are located in the copy room.

XII Miscellaneous

A. Travel Policies

1. Purpose

The purpose of these policies is to govern the authorization and reimbursement of travel expenses for the Florida Birth-Related Neurological Injury Compensation Association (NICA) employees and other authorized individuals.

2. General Policy

NICA staff will be reimbursed at the State of Florida rate or for reasonable actual costs of work-related, pre-approved travel. A Travel Reimbursement Form must be submitted for reimbursement. Proper documentation must be provided for all expense reimbursements.

3. Travel and Expense Accounts

Mileage: The use of personal vehicles to conduct NICA business will be reimbursed at the rate of .445 cents per mile (or adjusted to the highest current amount allowable by the State of Florida regulations). Travel must be approved in advance.

Meals will be paid at the rate of \$6 for breakfast, \$11 for lunch and \$19 for dinner, or the highest current amount allowable by the State of Florida regulations. To be eligible for breakfast travel must begin before 7:00 AM, lunch travel must begin before 12:00 noon and dinner travel must end after 8:00 PM.



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B. Employment of Relatives

Relatives of present employees may be hired by NICA only if (1) the individuals concerned will not work in a direct supervisory relationship, and (2) the employment will not pose difficulties for supervision, security, safety, or morale. "Relatives" are defined as spouses, children, sisters, brothers, mothers, or fathers, and persons related by marriage. Present employees who marry, or who become related by marriage, will be permitted to continue employment with NICA only if they do not work in a direct supervisory relationship with one another, or otherwise pose difficulties for supervision, security, safety, or morale. If employees who marry, or who become related by marriage, do work in a direct supervisory relationship with one another, NICA will attempt to reassign one of the employees to another position for which he or she is qualified, if such a position is available. If no such position is available, then one of the employees will be required to leave NICA. The decision as to which employee will leave is left solely to the spouse-employees.

C. Credit Cards

NICA may obtain credit cards for the use of its employees for business travel and other business purchases. Credit cards issued by NICA to its employees are the property of NICA and are to be used for business purposes ONLY. This includes expenses related to pre-approved travel required of the employee by NICA. Such expenses may include airfare, automobile rental, hotel charges and meals. All airfare, automobile rentals and hotel accommodations should be booked through VIP Travel and Tours or its replacement travel agency as designated by NICA. State contract rates should be used for travel whenever possible. If no state rate is available, the employee should obtain prior written authorization from his or her supervisor. If the employee is in a situation in which prior authorization cannot be obtained, the employee's best judgement and best efforts should be used to obtain a reasonable rate. The employee should notify his or her supervisor as soon as possible. The employee must provide original receipts for all charges to the credit card to the Office Manager.

The credit card may also be used to purchase supplies for the NICA office at the direction of the Office Manager or the Deputy Director. Original receipts for any purchase must be provided to the Office Manager.

Personal charges are not allowed and may subject the employee to termination.

D. Exit Interview

Employees who leave NICA for any reason may be asked to participate in an exit interview. This interview is intended to permit terminating employees the opportunity to communicate their views regarding their work with NICA, including job duties, job training, job supervision, and job benefits. At the time of the interview, employees are expected to return all Company-furnished property, such as uniforms, tools, equipment, I.D. cards, keys, credit cards, documents, and handbooks. Arrangements for clearing any outstanding debts with NICA and for receiving final pay also will be made at this time.

Florida Birth Related Neurological Injury Compensation Association (NICA) Personnel Policies and Procedures Manual

E. Violence in the Workplace

NICA recognizes that workplace violence is a growing concern among employers and employees across the country. NICA is committed to providing a safe, violence-free workplace and strictly prohibits employees, consultants, customers, visitors, or anyone else on Company premises or engaging in a Company-related activity from behaving in a violent or threatening manner. As part of this policy, NICA seeks to prevent workplace violence before it begins and reserves the right to deal with behavior that suggests a propensity towards violence even prior to any violent behavior occurring.

NICA believes that prevention of workplace violence begins with recognition and awareness of potential early warning signs and has established procedures for responding to any situation that presents the possibility of violence. More information is available from the Executive Director.

1. Workplace Violence Defined

Workplace violence includes:

- Threats of any kind.
- Threatening, physically aggressive, or violent behavior, such as intimidation of or attempts to instill fear in others.
- Other behavior that suggests a propensity toward violence, which can include belligerent speech, excessive arguing or swearing, sabotage, or threats of sabotage of Company property, or a demonstrated pattern of refusal to follow Company policies and procedures.
- Defacing Company property or causing physical damage to the facilities; or
- With the exception of security personnel, bringing weapons or firearms of any kind on Company premises, in Company parking lots, or while conducting Company business.

F. Internet and E-Mail Policy

1. Internet

- The Internet is to be used as a business tool for reasons that are necessary for the accomplishment of the employee's job assignments.
- Employee use of the Internet is recorded and can be monitored.
- Files should not be downloaded from the Internet without prior permission from the executive director or deputy director.

Florida Birth Related Neurological Injury Compensation Association (NICA) Personnel Policies and Procedures Manual

- Accessing websites which contain sensitive materials including but not limited to, gambling or other illegal activities, sexually explicit materials, or materials that include profane, obscene, or discriminatory content is strictly prohibited.
 - Employees are not prohibited from using the Internet for personal use if it is done during non-work time, such as lunch hours or before and after work.
2. E-Mail
- E-mail should be used for official NICA business.
 - NICA has the right at any time to read and review e-mail transmissions made or received by NICA employees.
 - Files downloaded and messages received from sites outside NICA may contain viruses, Trojan horses, worms, bombs, or other malicious programs which could disable the employee's computer as well as the network. Emails from unknown sources and suspicious attachments to e-mails should not be opened without prior approval of the executive director or deputy director. Attachments to e-mails from unknown sources should be deleted without opening them.
 - Personal e-mail is not prohibited if it is limited to communication that is brief and does not interfere with work. Personal e-mails should only be read or sent during non-work times such as lunch hour or before and after work.
 - Prohibited uses of e-mail include:
 1. Sending confidential NICA information to those not authorized to receive it.
 2. Sending content that may constitute sexual harassment or be considered discriminatory, obscene, or derogatory.



**Florida Birth Related Neurological Injury Compensation Association
(NICA)
Personnel Policies and Procedures Manual**

ACKNOWLEDGMENT AND RECEIPT OF NICA PERSONNEL POLICIES

This will acknowledge that I have received my copy of the Florida Birth-Related Neurological Injury Compensation Association (NICA) Personnel Policies Manual and that I will familiarize myself with its contents.

I understand that this represents only current policies, regulations, and benefits, and that it does not create a contract of employment. NICA retains the right to change these policies and benefits, as it deems advisable.

I UNDERSTAND THAT I HAVE THE RIGHT TO TERMINATE MY EMPLOYMENT AT ANY TIME, WITH OR WITHOUT CAUSE, AND THAT THE NICA HAS THE SAME RIGHT. I FURTHER UNDERSTAND THAT MY STATUS AS AN AT-WILL EMPLOYEE MAY NOT BE CHANGED EXCEPT IN WRITING SIGNED BY THE EXECUTIVE DIRECTOR OF NICA.

Print full name

Signature

Date

Agenda Item # 5 (Tab T)

November Report to Governor, Legislature and CFO

NOVEMBER 2021

Report of the Florida Birth-Related Neurological Injury Compensation Association to the Governor, Legislature, and Chief Financial Officer



In 1988, in response to steeply increasing medical malpractice insurance premiums, the Florida Legislature created the Florida Birth-Related Neurological Injury Compensation Plan (the Plan) as a no-fault program to cover catastrophic birth-related injuries. The Plan is administered by the Florida Birth-Related Neurological Injury Compensation Association (NICA). The Plan was designed to cover a very narrow range and number of injuries that are significant in terms of cost and system impact as they represent outliers and “uninsurable” injuries.

Awards made through NICA are exclusive. If an injury is covered by NICA, the child and his/her family are not entitled to compensation through lawsuits. The cost of lifetime care for covered children is paid by NICA without assessment of fault and with no cap.

In 2021 the Legislature passed SB 1786 which provided additional benefits to the families, changed the structure of the Board of Directors and requires additional protections and oversight to assure that the children and families served by NICA understand and receive all of the benefits available to them. This report required under Sec. 766.315 enhances the transparency needed by policymakers and families as they monitor and evaluate whether NICA is operating in a manner that meets the standards established under the revised legislation.

SB 1786 specifically requires that on or before November 1, 2021, and by each November 1 thereafter, the association shall submit a report to the Governor, the President of the Senate, the Speaker of the House of Representatives, and the Chief Financial Officer.

The report must include:

- The number of petitions filed for compensation with the division, the number of claimants awarded compensation, the number of claimants denied compensation, and the reasons for the denial of compensation.
- The number and dollar amount of paid and denied compensation for expenses by category and the reasons for any denied compensation for expenses by category.
- The average turnaround time for paying or denying compensation for expenses.
- Legislative recommendations to improve the program.
- A summary of any pending or resolved litigation during the year which affects the plan.
- The amount of compensation paid to each association employee or member of the board of directors.

For the initial report due on or before November 1, 2021, an actuarial report conducted by an independent actuary which provides an analysis of the estimated costs of implementing the following changes to the plan:

- Reducing the minimum birth weight eligibility for a participant in the plan from 2,500 grams to 2,000 grams.
- Revising the eligibility for participation in the plan by providing that an infant must be permanently and substantially mentally or physically impaired, rather than permanently and substantially mentally and physically impaired.
- Increasing the annual special benefit or quality of life benefit from \$500 to \$2,500 per calendar year.

The number of petitions filed for compensation with the division, the number of claimants awarded compensation, the number of claimants denied compensation, and the reasons for the denial of compensation:

Number of petitions filed 7/1/2020 – 6/30/2021	46
--	----

To calculate the number of claimants awarded compensation and the number of claimants denied compensation, claims for which a final order was issued from 7/1/2020 – 6/30/2021 were reviewed. These claims may have been filed in an earlier year but the final order was issued in the fiscal year ending 6/30/2021.

Number of claimants awarded compensation	15
Number of claimants denied compensation	32

Denied claims were ruled non-compensable by an Administrative Law Judge.

Reason for Denial of Compensation	TOTAL
Below minimum weight requirement	2
Did not occur during labor, delivery or the immediate post-delivery period	8
Did not suffer a permanent and substantial mental and physical impairment	13
No identifiable injury at birth, or substantial mental and physical impairments	1
No Oxygen Deprivation	2
No Oxygen Deprivation/No Permanent or Substantial Mental or Physical Impairment	1
Petitioners Elected Remedy-Declining NICA Benefits	1
Physician non-participating	1
Settlement in Circuit Court	1
Withdrawn by Petitioners	2
TOTAL	32

The number and dollar amount of paid and denied compensation for expenses by category and the reasons for any denied compensation for expenses by category:

Paid Compensation for Expenses

Category	Number	\$ Amount
Custodial Day Care	19	24,215.37
Death Benefit	13	290,000.00
Drugs	439	276,079.40
Equipment	182	395,897.18
Health Insurance Premiums	762	238,944.31
Housing	17	278,340.61
Hospitalizations	2	28,290.98
Nursing Care by Other	1,744	2,513,729.54
Nursing Care by Parent	3,216	14,528,726.02
Other	994	34,472.77
Parental Award	313	28,250,279.40
Physician Charges	256	61,264.31
Supplies	2,071	471,224.96
Therapy	1,032	317,592.43
Transportation & Travel	110	70,501.34
Transportation-Insurance	294	184,513.70
Transportation-Maintenance	293	78,905.50
Transportation-Mileage	803	67,504.44
Transportation-Purchase	119	1,026,178.90
	12,834	49,136,661.16

Denied Compensation for Expenses:

Claims Denials

NICA receives many communications from families relative to benefits. For the purposes of reviewing, monitoring and quantifying denials the criteria below are used:

1.

Inquiry – A contact requesting information on a possible benefit or coverage that may be available. Some general information may be included such as asking if a particular item might be covered or if a limitation exists. Most of these will be a question as to whether a type of therapy or piece of equipment or treatment is covered. A response to this kind of question may be included in the report for this year in an abundance of caution. In future reports these will not be included in denials but will be viewed and recorded separately in the system and reported as such.

2.

Request for Payment or Benefit - A request for benefit or payment must be in writing and include sufficient information to identify the item or service, a receipt, estimate or cost comparison, and a Letter of Medical Necessity (LMN). An Explanation of Benefits or a direction to pay either the vendor or the family must also be included. A communication that doesn't include all of the required elements in writing will be considered an inquiry and not included in the Denials section of the Report. Only a complete request for benefit or payment will be evaluated and reported if it is denied.

Category	Type	Reason for Denial	Number	\$ Amount
Drugs	Denial	Not related to birth-related neurological injury	1	30.00
Other	Denial	Exceeded NICA authorized amount.	2	4,152.79
Other	Denial	Initially denied, resolved.	1	120.28
Other	Denial	NICA requested supporting documentation, none received.	1	25.00
Other	Denial	Not a covered expense	1	1,481.94
Other	Denial	Not related to birth-related neurological injury	1	31.25
Other	Inquiry	Inquiry - Initially denied, possibly covered under SB 1786	1	-
Other	Inquiry	Inquiry - Not related to birth-related neurological injury	1	-
Other	Inquiry	Not a covered expense	1	-
Physician Charges	Denial	Not related to birth-related neurological injury	2	345.00
Therapy	Denial	Not related to birth-related neurological injury	1	-

Transportation - Purchase	Denial	Didn't meet requirements for van pursuant to benefit handbook (prior to SB 1786)	1	-
Transportation/Travel	Denial	Exceeded NICA authorized amount.	1	1,679.04
Transportation/Travel	Denial	Not related to birth-related neurological injury	1	477.09
Transportation/Travel	Inquiry	Inquiry - no supporting documentation received.	1	-
Grand Total			17	8,342.39

The average turnaround time for paying or denying compensation for expenses:

Analysis Payment Time for Fiscal Year Ending 2021 by Madison Consulting Group, Inc.

2.5 business days

Legislative recommendations to improve the program.

The major changes made in SB 1786 will have a number of financial and operational impacts. The costs of the new benefits will need to be fully analyzed and their effect on the actuarial soundness of the plan quantified to assure that NICA continues to be actuarially sound into the future. How the implementation of the new benefits works to resolve many of the issues raised by families should also be evaluated before additional changes are made, other than any technical correction that may be needed. NICA recommends no additional legislative changes be made in the 2022 legislative session, and that a full cost/benefit analysis be included with additional recommendations to be included in the report due November 1, 2022.

A summary of any pending or resolved litigation during the year which affects the plan:

United States of America ex rel. Arven et al. v. The Florida Birth-Related Neurological Injury Compensation Association et al., No. 19-CV-61053-WPD (S.D. Fla 2019)

NICA is a defendant in a federal lawsuit styled United States of America ex rel. Arven et al. v. The Florida Birth-Related Neurological Injury Compensation Association et al., No. 19-CV-61053-WPD (S.D. Fla 2019). Two relators allege in the foregoing qui tam action that NICA violated the federal false claims act ("FCA"), 31 U.S.C. § 3729 et seq., by treating itself as the "payor of last resort" vis-à-vis Medicaid. The United States filed a notice advising the district court that it is not intervening in the case but will continue an investigation into the issues. NICA moved to dismiss the amended complaint on several grounds, including, without limitation (i) the Plan lacks the capacity to be sued, (ii) NICA is immune from suit under the Eleventh Amendment, (iii) NICA is not a third-party under 42 U.S.C. § 1396a(a)(25)(A), and (iv) NICA is not a "person" under the FCA. The district court denied NICA's motion, after which NICA appealed the decision to the United States Court of Appeals for the Eleventh Circuit. The appeal is fully briefed and NICA is awaiting a decision or a notice of oral argument. Meanwhile, the lawsuit is stayed pending resolution of the appeal.

The amount of compensation paid to each association employee or member of the board of directors:

Employee	Total Salary	
Executive Director	177,580.49	
Deputy Director	117,871.78	
Claims Manager	70,438.31	
Provider Relations Coordinator	42,243.64	
Case Manager	40,825.72	*
Case Manager	61,911.49	
Case Manager Supervisor	69,495.95	
Insurance Administrator	54,875.15	
Regulatory Analyst	25,056.29	*
Case Manager	33,498.20	*
Office Operations Manager	60,710.55	
Insurance Administrator	53,481.82	
Accounting Administrator	53,530.40	
Case Manager	66,737.19	
Administrative Assistant	37,128.51	
Case Manager	64,807.98	
Case Manager	56,184.96	

* part time employee

For the initial report due on or before November 1, 2021, an actuarial report conducted by an independent actuary which provides an analysis of the estimated costs of implementing the following changes to the plan:

- Reducing the minimum birth weight eligibility for a participant in the plan from 2,500 grams to 2,000 grams.
- Revising the eligibility for participation in the plan by providing that an infant must be permanently and substantially mentally or physically impaired, rather than permanently and substantially mentally and physically impaired.
- Increasing the annual special benefit or quality of life benefit from \$500 to \$2,500 per calendar year.

Florida Birth Related Neurological Injury Compensation Association Exhibit I
Review of Claim Definition Changes Described in SB 1786 Section 5 (8g)Sheet 1

Summary of Estimated Annual Impact of SB 1786 - Section 5 (8g) Modifications - Relative to Current Revenue and Expense

I. Estimated Current Revenue - 2022 Birth Year (a)	32,000,000
II. Annual 2022 NICA Expense - Other than Direct Claims Expense (b)	2,700,000
III. Estimated 2022 Birth Year Level Ultimate Losses - After Inflation and Investment Income Offset (Discount) (c)	59,302,950
IV. Estimated 2022 Amortization of Discount on Present Value Reserves (d)	54,053,953
V. Indicated Profit / (Loss) Based on Current NICA Coverage Terms - Prior to Offset Related to Investment Results I - II - III - IV	(84,056,885)

Indicated Increase in the Annual NICA 2022 Birth Year Expense Shown Above (Item III)

VI. Additional Annual Expense (After Anticipated Inflation and Investment Income) Related to Modifications - 2022 BY Level Modifications Described in Senate Bill 1786 - Section 5 (8g) - Each assumed to Apply Independently

A. Item I - Reduction in BW Eligibility From 2,500 grams to 2,000 grams (e)	25,059,035
B. Item II - Change in Imparement from Medical and Physical to Medical or Physical (e)	51,8000,388
C. Item III - Increases in the Annual Special Benefit from Current \$500 to \$2500 per Calendar Year (e)	368,992

VII. One Time Addition to Prior Year NICA Loss Reserves - Due to Increase in Benefit in Prior Claimants. Related to Increase in the Annual Special Benefit - Reserves as of June 30, 2021 (f)	7,786,484
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Notes:

(a) Based on latest available annual assessment revenue of \$31,799,087 as supplied by NICA. Rounded to \$32.0 Million. **(b)** Based on an average of the actual NICA expenses provided for the latest five years. **(c)** See Exhibit II, Sheet 1, Item 3a. **(d)** Estimate based on application of the 5% investment assumption included in the NICA loss and LAE reserves evaluated as of June 30, 2021. (i.e. 1,081,078,695 X .05 = \$54,053,935). **(e)** See Exhibit I, Sheet 2, Items I, II, and III - B. **(f)** See Exhibit I, Sheet 2, Items III - A

**FLORIDA BIRTH RELATED NEUROLOGICAL INJURY
COMPENSATION ASSOCIATION
REVIEW OF THREE POTENTIAL CHANGES AS SPECIFIED IN
SECTION 5 (8) (g) of SENATE BILL 1786**

**Turner Consulting, Inc.
October, 2021**

TURNER CONSULTING, INC.
CONSULTANTS AND ACTUARIES

125 Clairemont Avenue
Suite 540
Decatur, Georgia 30030
(404) 373-2326
Fax (404) 373-2311

October 18, 2021

Ms. Kenney Shipley
Executive Director
Florida Birth Related Neurological
Injury Compensation Association
2360 Christopher Place, Suite 1
Tallahassee, Florida 32308

Re: Senate Bill 1786 – Section 5 (8) (g) – Analysis of Three Items

Dear Ms. Shipley:

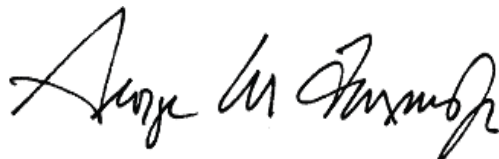
Please find enclosed our report on the analysis of estimated losses related to the three potential changes described in Section 5 (8) (g) of Senate Bill 1786 and listed below.

- (1) A reduction in the minimum birth weight eligibility from 2,500 to 2,000 grams
- (2) A revision in the eligibility for participation from permanently and substantially mentally **and** physically impaired to permanently and substantially mentally **or** physically impaired
- (3) An increase in the annual special benefit or quality of life benefit from \$ 500 to \$ 2,500 per calendar year.

The estimated cost related to items (1) and (2) are expressed on a present value basis after inflation and discount as if applied to 2022 birth year level NICA claims. The estimated cost related to item (3) are expressed separately as if applied to open and unreported NICA claims as of June 30, 2021 and also as if applied only to 2022 birth year claims.

We have enjoyed working with you on this project and look forward to discussing any questions or comments you may have.

Sincerely,



George W. Turner Jr.
Fellow of the Casualty Actuarial Society,
Member of the American Academy of Actuaries

**FLORIDA BIRTH RELATED NEUROLOGICAL INJURY ASSOCIATION
REVIEW OF SENATE BILL 1786 SECTION 5 (8G)**

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Purpose

Turner Consulting, Inc. (Turner Consulting) was requested by the Florida Birth Related Neurological Injury Compensation Association (NICA) to estimate costs related to the implementation of three proposed changes to the Florida Birth Related Neurological Injury Compensation Plan (Plan) as specified in Section 5 (8g) of the recently enacted Senate Bill 1786 (SB 1786). The three changes proposed in this section of SB 1786 are as follow.

- (1) Reduction in the minimum birth weight eligibility from 2,500 to 2,000 grams
- (2) Revision in the eligibility for participation from the current permanently and substantially mentally **and** physically impaired to the modified provision of permanently and substantially mentally **or** physically impaired
- (3) Increasing the annual special benefit or quality of life benefit from \$ 500 to \$ 2,500 per calendar year.

The objective of this report is to estimate the additional cost associated with the two different modifications (expansions) to the current definition of a “birth related neurological injury” as described in items (1) and (2) above plus the estimated cost related to an increase in the benefit level described in item (3).

The three modifications under consideration result in an expansion of the current claim and benefit levels and thus will result in an increase in the losses (i.e., claim

expenses) incurred by NICA during claim periods after any modification to the current statutes is implemented. The estimates as set forth in this report are developed assuming the modifications apply to claims incurred in birth year 2022. In addition, for the annual special benefit an estimate is provided of the expense related to the application of the change to all NICA open and unreported claims as of June 30, 2021.

The estimates developed for each of the three modifications are calculated independently and thus the implementation of more than one modification at a time will result in an increase in expected losses greater than simply the sum of the increase shown for each modification independently. As an example of the impact of making two changes in combination we included an estimate of the additional cost in the event the modifications described in items (1) and (2) are implemented together. Since the combined implementation will result in the application of the change described in item (2) to the additional claimants in the birth weight range between 2,000 grams and 2,500 grams, the additional cost will be greater than the simple addition of the two independent changes.

Background

NICA was created by Florida Statute to provide care for children beginning in 1989 that meet the birth related injury criteria as defined in Florida Statutes 766.301 to 766.316. The NICA statute replaces the traditional tort liability remedies with a no-fault type system for those children that meet the requirements as defined in the statute. The qualifying child must be severely mentally and physically impaired. In addition, a claim must be filed within five years after birth. Prior to the 1994 birth year, a claim had to be filed within seven years of birth.

Care is provided for the life of the child. Funds are collected from the various medical care providers during each birth year and invested until payments are required on behalf of the qualifying claimants. There are very limited resources for collecting additional funds from the insurance industry and the Florida Office of Insurance Regulation in the event the assessments collected from the medical care providers are not adequate. Due to the significant time expected between when funds are collected and the actual payment of benefits, the estimated impact of inflation and anticipated investment income must be considered in the establishment of ultimate losses on a present value basis.

In May 2021, the Florida Legislature passed Senate Bill 1786 (SB 1786), which resulted in changes to the financial obligations of NICA. Beginning with the June 30, 2021 NICA loss and LAE reserve report, the additional costs related to the explicit changes set forth in Senate Bill 1786 are included. In addition to these explicit changes, SB 1786 includes requirements for the additional study and

potential changes to the allocation of expenses previously and currently paid by Medicaid. Since the final report on Medicaid related expenses is not due until November 1, 2021 any estimate of the cost of this item would be speculative at this time and are not included in the estimates as shown in this report or the loss and LAE reserve estimates included in the most recent NICA loss and LAE report evaluated as of June 30, 2021. Any subsequent revision to the Medicare participation levels will impact both the reserve levels as set forth in the NICA loss and LAE reserve report evaluated as of June 30, 2021 as well as the estimated additional cost for items (1) and (2) as set forth in this report.

Qualifications

I, George W. Turner Jr. am a consulting actuary for Turner Consulting, Inc. I am a Fellow of the Casualty Actuarial Society and a member of the American Academy of Actuaries and I meet the Qualification Standards of the American Academy of Actuaries to render the opinions as expressed in this report.

Distribution and Use

This report is intended solely for the internal use of NICA, its Board of Directors, state of Florida officials and advisors. Any further use or distribution of this report is not intended or authorized without our prior written consent.

Conditions and Limitations

In preparing the estimates as shown in this report we relied without audit or verification on the loss, exposure, and expense information as provided to us by responsible employees of NICA. We also relied upon available information regarding countrywide and Florida specific birth levels by weight and physician levels by type. Additionally, we relied upon information regarding the number of incidents by category and birth weight as shown in a report prepared by the University of Florida - College of Medicine and various articles on cerebral palsy rates by birth weight range. For certain estimates we include by reference information as shown in our June 30, 2021 report on NICA loss and LAE reserves.

The indicated ultimate loss estimates provided in this report are directly related to the estimates of the additional number of claims (i.e., claim frequency) and the average claim size (i.e., average claim severity) of these additional claims resulting from each of the modifications set forth in Section 5 (8g) of Senate Bill 1786. Estimates of the number and average value of claims expected for a prospective period are subject to a significant degree of uncertainty. This uncertainty arises from the estimation of losses that have yet to occur, and which will be impacted by a number of internal and external factors each subject to uncertainty. An additional element of uncertainty results from the lack of actual historical loss experience for the proposed claim definition modifications. Due to the significant degree of uncertainty there can be no guarantee that actual losses will not vary, perhaps significantly, from the estimates as shown in this report. However, we have, in our

judgement, employed methods and assumptions that are appropriate given the information available.

The additional losses estimated for each of the claim definition modifications do not include any provision for any additional underwriting and / or management expenses that may be incurred by NICA. To the extent any of the changes result in additional NICA administrative expenses the additional cost will need to be added to the estimates as shown in this report.

The estimates shown in this report are based upon our interpretation of the modified coverage language associated with each of the three adjustments described in Section 5 (8g) of Senate Bill 1786. For some of these coverage revisions the final interpretation upon implementation may expand or restrict the actual coverage relative to the understanding used in the estimation of the additional losses as shown in this report. Once the actual coverage wording is selected, the estimates as developed in this report should be refined to reflect any changes to the ultimate loss estimates due to any restriction or expansion of coverage.

Section 7 of Senate Bill 1786 includes a provision for the review of Medicaid third-party liability functions and rights under 2. 766.31, Florida Statutes, relative to the Plan. Based on the findings of this review a report is to be provided to the President of the Senate, Speaker of the House and Chief Financial Officer regarding the

extent and value of liabilities owed by the Plan. To the extent any changes are made in the participation of Medicaid in expenses related to NICA claimants these changes will need to be considered relative to the estimates as shown in this report.

The additional losses resulting from the modifications under consideration involve the payment of expenses over the remaining life of the claimants and are stated on a present-value basis. This approach assumes that sufficient assets will be available to cover the present value of the ultimate losses indicated. To the extent sufficient assets are not available, the ultimate loss estimates will need to be increased to account for the reduction in anticipated investment income.

The attached exhibits summarizing the assumptions and calculations underlying the estimates set forth in this report are to be considered an integral part of the report. Thus, an accurate understanding of the conclusions as set forth in the report is conditional upon an examination of both the text and the attached exhibits. Further, any distribution of this report should be provided in its entirety and with the understanding that I am available to answer questions regarding the methods and assumptions herein.

Executive Summary

The estimated additional losses as shown in Exhibit I, Sheet 1 are shown on a 2022 birth year level and reflect our estimate of the 2022 expected number of births and provider participation rates. The estimates as shown on this exhibit reflect our estimate of the current NICA expected losses related to expected NICA claims for the 2022 birth year both before and after each of the three modifications described in Section 5 (8g) of SB 1786. The estimate shown for the of the change in the annual special benefit is shown on both a retrospective and prospective basis. That is, this change could be applied to both current open and unreported NICA claimants as well as the new claimants expected for birth year 2022.

Two of the three modifications include consideration of anticipated inflation, mortality and investment income. The third modification, the \$ 2,000 increase in the annual special benefit, includes consideration of investment income and mortality only. The inflation and discounts rates used are the same (i.e. 3.50 % and 5.00 %, respectively) as the assumptions currently utilized in the overall NICA loss and LAE reserve estimates.

The additional estimated additional ultimate losses after consideration of anticipated inflation and investment income for the two claim definition modifications during the 2022 birth year are \$ 25.06 million and \$ 51.80 million for the decrease in birth weight (2,500 grams to 2,000 grams) and the modification in

the mental and physical impairment definition, respectively. As mentioned previously, the increase in the annual special benefit from \$ 500 to \$ 2,500 is shown for both the open and unreported NICA claimants as of June 30, 2021 as well as for the estimated NICA claimants expected during birth year 2022. The estimated increase required for the open and unreported claimants is \$ 7.79 million and the estimate for the 2022 birth year claimants is \$.37 million. Also, as mentioned previously, each of the above estimates is expressed on an independent basis. In the event multiple changes are made in combination, the combined increase will exceed the sum of the increases on an independent basis. For example, an estimate of the expected increase for both claim definition changes made in concert (i.e. items I and II together - decrease in birth weight and the inclusion of either mentally or physically impaired claimants rather than both) is \$ 132.07 million rather than the sum of the two independent changes which is \$ 76.86 million (i.e. \$ 25.06 + \$ 51.80). This results from the additional impact of the second change on the additional claimants expected in the birth weight range from 2,000 to 2,500 grams.

Methodology

The estimated additional ultimate losses related to each of the three modifications are expressed as additions to the ultimate losses expected to be incurred in birth year 2022 under the current NICA statute. An estimate of the NICA ultimate losses after inflation and discount for the 2022 birth year before any of the modifications is \$ 59.30 million (see Exhibit I, Sheet 1, Item 3). The estimated additional 2022 birth year losses in the event each of the three modifications are made individually (i.e. not in combination) are \$ 25.06 million, \$ 51.80 million and \$.37 million for modifications I, II and III, respectively (see Exhibit I, Sheet 1, Items VI A, VI B and VI C).

As mentioned previously the estimates referenced above include consideration of the explicit changes set forth in Senate Bill 1786, but do not include any change in the historical Medicaid participation rate on NICA claimants. The estimated additional losses are based upon an estimate of the number of additional incurred claims associated with each of the first two modifications and an estimate of the average claim size associated with each. The estimated additional expense for the annual special benefit increase of \$ 2,000 is based on the expected number of claims for birth year 2022 and an estimate of the mortality decrements associated with the average NICA claimant. All estimates are based on an assumed prospective average inflation rate of 3.50 % and an average investment return of

5.00 % per year. The discount for mortality is based on standard mortality tables adjusted to an estimate of NICA historical mortality experience.

The additional number of claims resulting from the birth weight modification and the impairment definition change are expressed as a multiple of the expected claims for birth year 2022 under the current NICA coverage definitions. The estimated number of additional claims resulting each of these two modifications is a multiple of the estimated 2022 NICA claims. The NICA claims expected during the 2022 birth year prior to any coverage changes are estimated based upon a review of the actual accepted NICA claims during the period from 2009 to 2019. A summary of the actual and expected ultimate number of reported claims (accepted) for each birth year is shown in Exhibit VII, Sheet 1 and the number of claims expected during the 2022 birth year are shown in Exhibit III, Sheet 1, Item 5.

The estimated 2022 level average claim size assuming the current NICA coverage definitions does not change is based on a review of actual NICA losses adjusted to estimated 2022 loss levels. The 2022 average claim size for those claimants alive at the time the claim is reported is adjusted to include consideration of prospective inflation, and discount (i.e. discounted for estimated mortality and interest). The historical NICA loss experience used in the estimation of the 2022 level average claim size is from birth years 2000 to 2020. A summary of this

experience and the resulting 2022 level estimate is shown in Exhibit V, Sheets 1 and 2.

The estimated additional ultimate losses resulting from each of the first two modifications under consideration are based on the multiplication of the estimated additional number of claims and the selected average claim size. The average claim size for the additional claims expected as a result of the decrease in the eligible birth weight is not adjusted relative to the current average claim size indicated based on historical NICA loss experience. While it is possible the average claim size for these lower birth weight claimants will vary from the average experienced for the current NICA claimants which are for claimants with birth weights 2,500 grams and above, we are not aware of currently available information that can be used to adequately address the interplay between a likely increased level of impairment for the lower birth weight group and also a likely decrease in the average life expectancy. For the purpose of the current report we have used a modification factor 1.0 applied to for the average claim size based on current NICA experience for the first modification.

In a similar manner we are not aware of available information that will allow for the calculation of an adjustment factor to apply to the average claim size for the second modification (i.e. change in the requirement from both mental and physical impairment to a requirement for either mental or physical impairment). However, since it is very likely the overall impairment level of this group will be less, possibly

by a significant amount on average, we have judgmentally adjusted the average claim size based on the current NICA accepted claim population of both mental and physical impairment by a factor of .80 (i.e. a decrease of 20 %). Once additional study of the differences in life expectancy and benefit levels expected for this population can be investigated this initial estimate should be refined.

The estimated increase in the number of claims related to the decrease in the birth weight eligibility from 2,500 grams to 2,000 grams is based on (1) the current NICA claim frequency per 1,000 births for claimants with a birth weight 2,500 grams and above (2) an estimate of the relationship of the claim frequency for births in the birth weight range from 2,000 to 2,500 grams relative to the claim frequency for birth weights above 2,500 grams, (3) the estimated number of 2022 births in the birth weight range from 2,000 to 2,500 grams, (4) the percent of these births delivered by a NICA participating physician. This calculation which is summarized on Exhibit III, Sheet 1.

The estimate of the current NICA accepted claims per 1,000 births with a birth weight of 2,500 grams and above is based on a review of actual NICA accepted claims per Florida birth 2,500 grams and above adjusted for an estimate of the number of births delivered by a NICA participating physician. A summary of this calculation is shown on Exhibit VII, Sheet 1, Columns (11) and (12).

The second variable mentioned above (i.e. relativity of the claim frequency on the lower birth weight range) is the most uncertain since no actual NICA historical experience exists for the births in the range from 2,000 grams to 2,500 grams. An estimate of this relationship is based on the review of cerebral palsy claim frequency at birth by birth weight range from two sources and also Florida specific data compiled over the period from 1980 to 1989 by the University of Florida College of Medicine. This information is based on neonatal intensive care unit (NICU) admissions for ten of Florida's regional perinatal centers during the period from July 1980 to June 1989. The relationship of the claim frequency in the additional birth weight range to the claim frequency for the birth weights 2,500 grams and above based on the three data sources, as well as the final selected relativity, is summarized in item 6 of Exhibit III, Sheet 1.

The third variable, the estimated 2022 Florida births by birth weight range, is based upon actual Florida births by birth weight range (see Exhibit VII, Sheet 1 and 2) over the period from 2009 to 2019. The final variable, the percent of Florida birth delivered by a NICA participating physician is based on a comparison of actual Florida census information for Florida OB/GYN's, a survey of the percentage of OB/GYN's actually performing deliveries, and the number of NICA participating physicians by year. A summary of the NICA participating physicians to an estimate of the Florida OB/GYN's delivering is shown on Exhibit VIII. The final selected NICA participation rate is 90 %.

A similar approach is used to estimate the increase in the number of accepted NICA claims resulting from the change described in item II of Senate Bill 1786 Section 5 (8g). The expected 2022 NICA claim frequency based on current coverage definitions is developed as described above for item I. The relationship of the claim frequency based on only one of the two currently required mental and physical impairments to the current claim definition requirement of both is probably more uncertain than the estimated increase due to a change in birth weight alone since there is a limited volume of information to use as a basis for the estimate. In addition, any change in the definition of the required level of impairment to satisfy the definition of “permanently and substantially” as stated in the statute when applied to the two components individually (i.e. mental or physical) can significantly impact the overall claim frequency increase. The data we used to estimate the relationship of the additional claims expected due to this change in definition is the claim estimates as shown in the University of Florida – College of Medicine report prepared in 1990. This report included information on birth weight, codes including type of injury information (i.e. resuscitated, asphyxia, mechanical injury and abruption), and for a portion of births independent scores on mental and physical impairment levels (e.g. below a score of 50 or below a score of 70). Based on the information included in this report we developed a ratio of the number of estimated claimants with either mental or physical impairment to those with both mental and physical impairment. As the level of impairment (scores above 50) decreases the relative increase in the number of claimants due to the use of the either requirement increases. Thus, any increase in the score used in the definition of

permanently and substantially will potentially significantly increase the impact of this coverage modification. A summary of the data by birth weight range, injury type, both or either impairment and score range used is shown in Exhibit IV, Sheets 1, 2 and 3.

The third modification mentioned in Section 5 (8g) of the recently enacted Senate Bill 1786, an increase in the annual special benefit from the current \$ 500 to \$ 2,500 per calendar year can be interpreted as applying to all current NICA open and unreported claimants or just to all new claims reported after a specific date. As written it would appear to indicate an increase of \$ 2,000 per calendar year for either or both of the two groups mentioned above. The estimated cost is developed as a present value after consideration of mortality and interest of the additional \$ 2,000 per calendar year. The estimated present value cost for all open and unreported NICA claimants evaluated as of June 30, 2021 is developed on Exhibit VI, Sheet 1, Item I (13a). This estimate is based on an estimate of the number or years remaining for all open and unreported claimants as of June 30, 2021. The estimated decrements of all open claimants as of June 30, 2021 is based on an estimate of the decrements as shown in Appendix E of our report on NICA loss and LAE reserves evaluated as of June 30, 2021.

Alternatively, the estimated additional losses related to expected NICA claimants during birth year 2022 are based on expected life expectancy for a claimant born

in 2022 adjusted for the expected reporting lag in the receipt of the actual claim.

The estimated increase is developed in Exhibit VI, Sheet 1, Item II 5 a.

Summary of Estimated Annual Impact of SB 1786 - Section 5 (8g) Modifications - Relative to Current Revenue and Expense

I. Estimated Current Revenue - 2022 Birth Year (a)	32,000,000
II. Annual NICA Expense - Other than Direct Claims Expense (b)	2,700,000
III. Estimated 2022 Birth Year Level Ultimate Losses - After Inflation and Investment Income Offset (Discount) (c)	59,302,950
IV. Estimated 2022 Amortization of Discount on Present Value Reserves (d)	54,053,935
V. Indicated Profit / (Loss) Based on Current NICA Coverage Terms - Prior to Offset Related to Investment Results I - II - III - IV	(84,056,885)

Indicated Increase in the Annual NICA 2022 Birth Year Expense Shown Above (Item III)

VI. Additional Annual Expense (After Anticipated Inflation and Investment Income) Related to Modifications - 2022 BY Level Modifications Described in Senate Bill 1786 - Section 5 (8g) - Each Assumed to Apply Independently	
A. Item I - Reduction in BW Eligibility From 2,500 grams to 2,000 grams (e)	25,059,035
B. Item II - Change in Impairment from Medical and Physical to Medical or Physical (e)	51,800,388
C. Item III - Increase in Annual Special Benefit from Current \$ 500 to \$ 2,500 per Calendar Year (e)	368,992
VII. One Time Addition to Prior Year NICA Loss Reserves - Due to Increase in Benefit in Prior Claimants. Related to Increase in the Annual Special Benefit - Reserves as of June 30, 2021 (f)	7,786,484

Notes:(a) Based on latest available annual assessment revenue of \$ 31,799,087 as supplied by NICA. Rounded to \$ 32.0 Million.
(b) Based on an average of the actual NICA expenses provided for the latest five years.
(c) See Exhibit II, Sheet 1, Item 3a.
(d) Estimate based on application of the 5 % investment assumption included in the NICA loss and LAE reserves evaluated as of June 30, 2021. (i.e. 1,081,078,695 X .05 = \$ 54,053,935).
(e) See Exhibit I, Sheet 2, Items I, II and III - B.
(f) See Exhibit I, Sheet 2, Items III - A.

Estimated Increase in Present Value Cost of Three Changes Mentioned in Section 5 (8g) of SB 1786
Estimates Are Stated on a 2022 Level - Prior to Any Changes to Medicare Participation Terms

Amounts shown are estimates of the Increase in Current NICA Cost Prior to Any Change - After Inflation and Discount
Estimates are Shown After Inflation and Investment Income - Assuming Inflation = 3.50 % and Discount = 5.0 % per Annum

I. Item # 1 - Reduction in Minimum Birth Weight Eligibility from 2,500 Grams to 2,000 Grams (a)	25,059,035
II. Item # 2 - Revision in Eligibility from mentally and physically to mentally and / or physically impaired (b) No Change in Birth Weight	51,800,388
III. Item # 3 - Increase in the Annual Special Benefit (Quality of Life) from \$ 500 to \$ 2,500 per Year Assumes No Change in Future Benefit Increase due to Inflation	
A. Increased Cost on Current Open and Unreported Claims as of June 30, 2022 (c)	7,786,484
B. Increase in Annual Cost for 2022 Birth Year Expected Accepted Claims (d)	368,992
Additional Items	
IV. Estimated Impact of Combination of Birth Weight Reduction and Eligibility Requirement (e) Change from "and" to "and/or" - i.e. Items # 1 and # 2 on a Combination Change	132,072,075
V. Item # 3 - Increase in the Annual Special Benefit (Quality of Life) from \$ 500 to \$ 2,500 per Year Including an Increase in the Benefit Change for the Impact of Inflation	
A. Increased Cost on Current Open and Unreported Claims as of June 30, 2022 (f)	14,841,624
B. Increase in Annual Cost for 2022 Birth Year Expected Accepted Claims (g)	780,094

Notes: (a) See Exhibit II, Sheet 1, Item II. 3 (a).
(b) See Exhibit II, Sheet 2, Item II. 3 (a).
(c) See Exhibit VI, Sheet 1, Item I. 13 a.
(d) See Exhibit VI, Sheet 1, Item II. 5 a.
(e) See Exhibit II, Sheet 3, Item II. 7a.
(f) See Exhibit VI, Sheet 1, Item I. 13 b.
(g) See Exhibit VI, Sheet 1, Item II. 5 b.

Item # 1 - Estimated Increase in Annual Cost Related to Decrease in Birth Weight Eligibility from Current 2,500 Grams to Alternative of 2,000 Grams

I. Estimated 2022 NICA Ultimate Loss and ALAE - Based on Current Birth Weight (2,500 Grams) and Coverage Trigger - Before any Adjustment to Current Medicare Participation

1. Estimated 2022 NICA Accepted Claims - Current Birth Weight and Claim Trigger (i.e. "and" Only) (a)	
a. All Accepted - Includes Deceased Prior to Acceptance	20.03
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	14.56
c. Accepted Claims - Deceased Prior to Acceptance = (1a.) - (1b.)	5.46
2. Estimated 2022 NICA Average Claim Size - After Inflation and Discount (b)	
a. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	3,950,000
b. Accepted Claims - Deceased Prior to Acceptance	325,000
3. Estimated 2022 NICA Ultimate Loss and ALAE - Based on Current Birth Weight (2,500 Grams) and Coverage Trigger - Before any Adjustment to Current Medicare Participation	
a. All Accepted - Includes Deceased Prior to Acceptance = (3a) + (3b)	59,302,950
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased = (1b) X (2a)	57,527,958
c. Accepted Claims - Deceased Prior to Acceptance = (1c) X (2b)	1,774,992

II. Estimated Increase in 2022 NICA Ultimate Loss and ALAE Related to Inclusion of Birth Weight Range 2000 to 2,499 Grams and Coverage Trigger - Before any Adjustment to Current Medicare Participation

1. Estimated Increase in 2022 NICA Accepted Claims - Due to Reduction in Birth Weight Alone (c)	
a. All Accepted - Includes Deceased Prior to Acceptance	8.46
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	6.15
c. Accepted Claims - Deceased Prior to Acceptance = (1a.) - (1b.)	2.31
2. Estimated Relativity of Average Claim Cost - Birth Weight Range 2,000 to 2,499 to Range 2,500 and Above (d)	1.00
3. Estimated Increase in 2022 NICA Ultimate Loss and ALAE Due to Reduction in Birth Weight Eligibility to 2,000 Grams and Coverage Trigger - Before any Adjustment to Current Medicare Participation	
a. All Accepted - Includes Deceased Prior to Acceptance = (3a) + (3b)	25,059,035
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased = (II.1b) X (2) X (I.2a)	24,308,995
c. Accepted Claims - Deceased Prior to Acceptance = (II.1c) X (I.2b)	750,040

Notes: (a) See Exhibit III, Sheet 1, Item 5.

(b) See Exhibit V, Sheet 1, Items (8) and (9)

(c) See Exhibit III, Sheet 1, Item (8).

(d) We are not aware of data available to form a basis for a change in the average estimated claim size for those claims with lower birth weight i.e. range from 2,000 to 2,500 grams. While it is likely on average these claimants will be more severely impaired a translation to higher cost is more difficult due to the interplay of mortality expectations.

Item # 2 - Estimated Increase in Annual Cost Related to Change in Coverage Trigger from Permanently and Substantially Mentally "and" Physically Impaired to Mentally "and / or" Physically Impaired

Change in Coverage Trigger Only - No Change in Birth Weight Eligibility

I. Estimated 2022 NICA Ultimate Loss and ALAE - Based on Current Birth Weight (2,500 Grams) and Coverage Trigger - Before any Adjustment to Current Medicare Participation

1. Estimated 2022 NICA Accepted Claims - Current Birth Weight and Claim Trigger (i.e. "and" Only) (a)	
a. All Accepted - Includes Deceased Prior to Acceptance	20.03
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	14.56
c. Accepted Claims - Deceased Prior to Acceptance = (1a.) - (1b.)	5.46
2. Estimated 2022 NICA Average Claim Size - After Inflation and Discount (b)	
a. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	3,950,000
b. Accepted Claims - Deceased Prior to Acceptance	325,000
3. Estimated 2022 NICA Ultimate Loss and ALAE - Based on Current Birth Weight (2,500 Grams) and Coverage Trigger - Before any Adjustment to Current Medicare Participation	
a. All Accepted - Includes Deceased Prior to Acceptance = (3a) + (3b)	59,302,950
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased = (1b) X (2a)	57,527,958
c. Accepted Claims - Deceased Prior to Acceptance = (1c) X (2b)	1,774,992

II. Estimated Increase in 2022 NICA Ultimate Loss and ALAE Related Change in Coverage Trigger from Mentally "and" Physically to Mentally "and/or" Physically Impaired - No Change in Birth Weight Eligibility

1. Estimated Increase in 2022 NICA Accepted Claims Due to Change in Coverage Trigger Only (c)	
a. All Accepted - Includes Deceased Prior to Acceptance	21.70
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	15.78
c. Accepted Claims - Deceased Prior to Acceptance = (1a.) - (1b.)	5.92
2. Estimated Relativity of Average Claim Cost - Claimants with either mental or physical impairment to those with both mental and physical impairment. (d)	0.80
3. Estimated Increase in 2022 NICA Ultimate Loss and ALAE Related to Change in Coverage Trigger from "And" to "And/or" - No Change in Birth Weight	
a. All Accepted - Includes Deceased Prior to Acceptance = (3a) + (3b)	51,800,388
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased = (II.1b) X (2) X (I.2a)	49,876,740
c. Accepted Claims - Deceased Prior to Acceptance = (II.1c) X (I.2b)	1,923,648

Notes: (a) See Exhibit III, Sheet 1, Item 5.

(b) See Exhibit V, Sheet 1, Items (8) and (9)

(c) See Exhibit III, Sheet 2, Item 3. Col. (5)

(d) We are not aware of data available to form a basis for a change in the average estimated claim size for those claims with either mental or physical impairment relative to those with both. It is likely on average these (i.e. either) claimants will be less severely impaired a translation to lower cost is difficult to quantify based on the data currently available. We have judgementally adjusted the average claim size downwards by 20 % until additional study can be made.

**Estimated Increase in After Inflation / Discount Ultimate Loss and ALAE - 2022 Birth Year Level
Combination of Changes Described in Items # 1 and # 2 - Reduction in Birth Weight and Change in Coverage Trigger**

Change in Coverage Trigger and Reduction in Birth Weight Eligibility

I. Estimated 2022 NICA Ultimate Loss and ALAE - Based on Current Birth Weight (2,500 Grams) and Coverage Trigger - Before any Adjustment to Current Medicare Participation	
1. Estimated 2022 NICA Accepted Claims - Current Birth Weight and Claim Trigger (i.e. "and" Only) (a)	
a. All Accepted - Includes Deceased Prior to Acceptance	20.03
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	14.56
c. Accepted Claims - Deceased Prior to Acceptance = (1a.) - (1b.)	5.46
2. Estimated 2022 NICA Average Claim Size - After Inflation and Discount (b)	
a. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	3,950,000
b. Accepted Claims - Deceased Prior to Acceptance	325,000
3. Estimated 2022 NICA Ultimate Loss and ALAE - Based on Current Birth Weight (2,500 Grams) and Coverage Trigger - Before any Adjustment to Current Medicare Participation	
a. All Accepted - Includes Deceased Prior to Acceptance = (3a) + (3b)	59,302,950
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased = (1b) X (2a)	57,527,958
c. Accepted Claims - Deceased Prior to Acceptance = (1c) X (2b)	1,774,992
II. Estimated Increase in 2022 NICA Ultimate Loss and ALAE Related Change in Coverage Trigger from Mentally "and" Physically to Mentally "and/or" Physically Impaired and Reduction in Birth Weight Combined	
1. Estimated Increase in 2022 NICA Accepted Claims - Birth Weight Reduction Only (c)	
a. All Accepted - Includes Deceased Prior to Acceptance	8.46
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	6.15
c. Accepted Claims - Deceased Prior to Acceptance = (1a.) - (1b.)	2.31
2. Estimated Relativity of Average Claim Cost - Birth Weight Range 2,000 to 2,499 to Range 2,500 and Above (d)	1.00
3. Estimated Increase in 2022 NICA Accepted Claims Due to Change in Coverage Trigger Only - No BW Change (e)	
a. All Accepted - Includes Deceased Prior to Acceptance	21.70
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	15.78
c. Accepted Claims - Deceased Prior to Acceptance = (1a.) - (1b.)	5.92
4. Estimated Relativity of Average Claim Cost - Claimants with either mental or physical impairment to those with both mental and physical impairment (f)	0.80
5. Estimated Increase in 2022 NICA Accepted Claims Due to Change in Coverage Trigger on Claims in BW Range from 2,000 to 2,499 (g)	
a. All Accepted - Includes Deceased Prior to Acceptance	20.65
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	15.02
c. Accepted Claims - Deceased Prior to Acceptance = (1a.) - (1b.)	5.63
6. Estimated Relativity of Average Claim Cost - Change in Coverage Trigger on Claims with BW Between 2,000 and 2,499 grams (h)	0.90
7. Estimated Increase in 2022 NICA Ultimate Loss and ALAE Related to Change in Coverage Trigger from "And" to "And/or" - No Change in Birth Weight	
a. All Accepted - Includes Deceased Prior to Acceptance = (7a) + (7b)	132,072,075
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased = $\{[(11.1b) \times (11.2)] + [(11.3.b \times (11.4)) + ((11.5b) \times (11.6))]\} \times (1.2a)$	127,568,288
c. Accepted Claims - Deceased Prior to Acceptance = $(11.1c + 11.3c + 11.5c) \times (1.2b)$	4,503,786

Notes: (a) See Exhibit III, Sheet 1, Item 5.
(b) See Exhibit V, Sheet 1, Items (8) and (9)
(c) See Exhibit III, Sheet 1, Item 8.
(d) We are not aware of data available to form a basis for a change in the average estimated claim size for those claims with lower birth weight i.e. range from 2,000 to 2,500 grams. While it is likely on average these claimants will be more severely impaired a translation to higher cost is more difficult due to the interplay of mortality expectations.
(e) See Exhibit III, Sheet 2, Item 3. Col. (5)
(f) See Exhibit II, Sheet 2, footnote (d)
(g) See Exhibit III, Sheet 2, Item 3. Col. (6)
(h) We have assumed to likely increase in level of impairment related decrease in birth weight is partially offset by likely decrease associated with only one impairment and judgementally decreased the average claim size by 10 %.

Estimated Increase in NICA Claim Frequency Related to Decrease in Birth Weight from
Current Above 2,499 Grams Requirement to Alternative Above 1,999 Grams

2022 Birth Year Estimate

	All Florida Births ----- (2)
1. Estimated Florida Births - 2022 (a)	
a. All Birth Weights	221,699
b. Birth Weights - 2,500 & Greater	202,278
c. Birth Weights - 2,000 to 2,499 Grams	12,211
d. Birth Weights - 2,000 & Greater = c. + d.	214,489
2. Estimated Percent of Florida Births Covered by NICA (b)	90.00%
3. Estimated Florida Births Covered by NICA- 2022 (a)	
a. All Birth Weights = (1a.) X (2)	199,529
b. Birth Weights - 2,500 & Greater = (1b.) X (2)	182,051
c. Birth Weights - 2,000 to 2,499 Grams = (1c.) X (2)	10,990
d. Birth Weights - 2,000 & Greater = c. + d.	193,040
4. Estimated NICA Accepted Claim Frequency per 1,000 Births - 2,500 Grams or Greater (c)	
a. All Accepted - Includes Deceased Prior to Acceptance	0.110
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	0.080
5. Estimated 2022 NICA Accepted Claims - Current Birth Weight and Claim Trigger (i.e. "and" Only)	
a. All Accepted - Includes Deceased Prior to Acceptance = [(3b) / 1,000] X (4a)	20.03
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased = [(3b.) / 1,000] X (4b)	14.56
c. Accepted Claims - Deceased Prior to Acceptance = (5a.) - (5b.)	5.46
6. Estimated Ratio of Claim Frequency - Births in Range 2,000 to 2,499 Grams to Births Above 2,499 Grams	
a. Based on United Kingdom Study of CP Incidence by Birth Weight - Quadriplegias Only (d)	8.00
b. Based on Atlanta CP By Birth Weight Study - Low Relativity (e)	6.15
c. Based on Atlanta CP By Birth Weight Study - High Relativity (e)	7.89
d. Based on U. of Florida College of Medicine Study (January 1991) (f)	8.50
e. Selected Claim Frequency per 1,000 Births Relativity - 2,000 to 2,499 BW Range to 2,500 and Above BW Range	7.00
7. Indicated NICA Accepted Claim Frequency per 1,000 Births - 2,000 to 2,499 Grams BW Range	
a. All Accepted - Includes Deceased Prior to Acceptance = (4a) X (6e)	0.770
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased = (4b) X (6e)	0.560
8. Indicated Additional NICA Accepted Claims Related to a Decrease in BW Threshold from 2,500 Grams to 2,000 Grams	
a. All Accepted - Includes Deceased Prior to Acceptance = [(3c) / 1,000] X (7a)	8.46
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased = [(3c) / 1,000] X (7b)	6.15
c. Accepted Claims - Deceased Prior to Acceptance = (8a.) - (8b.)	2.31

Notes: (a) See Exhibit VII, Sheet 2, Items (18A) and (18B).
 (b) See Exhibit VIII.
 (c) See Exhibit VII, Sheet 1, Columns (11) and (12).
 (d) See Exhibit IX, Item (23).
 (e) See Exhibit VII, Sheet 3, Item V, Columns (17) and (18).
 (f) See Exhibit IV, Sheet 1, Column (5).

Estimated Increase in NICA Claim Frequency Related to Change in Coverage Trigger
from the Current Mental "and" Physical Impairment to Alternative Mental "and / or" Physical Impairment

2022 Birth Year Estimate	Current Birth Weight Threshold 2,500 Grams & Above	Birth Weight Range 2,000 to 2,500 Grams	Current Birth Weight Threshold 2,000 Grams & Above (2) + (3)
	(2)	(3)	(4)
1. Estimated 2022 NICA Accepted Claims - Based on Current Coverage Trigger (i.e. "and") (a)			
a. All Accepted - Includes Deceased Prior to Acceptance	20.03	8.46	28.49
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	14.56	6.15	20.72
c. Accepted Claims - Deceased Prior to Acceptance = (1a.) - (1b.)	5.46	2.31	7.77
2. Indicated Ratio of Mental "and/or" Physical Impairment to Mental "and" Physical Impairment			
a. Based on University of Florida Medical College Report - Score of 50 and Below (b)	1.725	2.600	
b. Based on University of Florida Medical College Report - Score of 51 to 69 (c)	5.500	12.500	
c. Based on University of Florida Medical College Report - Score of 70 and Below (d)	2.750	5.000	
d. Selected Ratio of Mental "and/or" Physical Impairment to Mental "and" Physical Impairment [(2a) X .65] + [(2c) X .35]	2.084	3.440	
	Change in Coverage Trigger Only No Change in Birth Weight	Change in Coverage Trigger on BW Range 2,000 to 2,500 Grams	Both Changes Decrease in BW and Change in Coverage Trigger to "and/or" (5) + (6)
	(5)	(6)	(7)
3. Estimated Increase in 2022 NICA Accepted Claims - Based on Alternative Coverage Trigger (i.e. "and/or")			
a. All Accepted - Includes Deceased Prior to Acceptance = (1a.) X (2d. - 1.0)	21.703	20.647	42.350
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased = (1b.) X (2d. - 1.0)	15.784	15.016	30.800
c. Accepted Claims - Deceased Prior to Acceptance = (3a.) - (3b.)	5.919	5.631	11.550

Notes:(a) See Exhibit II, Sheet 1, Items I.1 and II.1 for BW's 2,500 grams and above and BW's between 2,000 and 2,500 grams, respectively.

(b) See Exhibit IV, Sheet 1, Columns (12) and (15).

(c) See Exhibit IV, Sheet 2, Columns (12) and (15).

(d) See Exhibit IV, Sheet 3, Columns (12) and (15).

Ratio of "And" to "And/Or" Coverage Trigger

1990 University of Florida Study Data (a)

Current Assumed Impairment Level (50 or Less)

Diagnosis Type	Mental "and" Physical Impairment Impairment = Both Scores 50 and Below					Mental "and / or" Physical Impairment Impairment = Both or Either Scores 50 and Below				
	Births in Excess of 2,499 Grams	Births Less Than 1,000 Grams	Births Between 1,000 and 1,500	Births Between 1,500 and 2,500	Total Births All Weights (2) + (3) + (4) + (5)	Births in Excess of 2,499 Grams	Births Less Than 1,000 Grams	Births Between 1,000 and 1,500	Births Between 1,500 and 2,500	Total Births All Weights (7) + (8) + (9) + (10)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Resuscitated / Asphyxia	39	21	21	31	112	66	31	42	81	220
Mechanical Injury / Abruption	12	4	4	3	23	22	9	9	7	47
Totals :	51	25	25	34	135	88	40	51	88	267
All Florida Births 2019	200,718	1,763	1,706	15,823	220,010	200,718	1,763	1,706	15,823	220,010
Percent of Births by Birth Weight Range - "and"					Percent of Births by Birth Weight Range - "and/or"					
I. Resus. / Asphyxia / M.I. / Abrupt	37.78%	18.52%	18.52%	25.19%	100.00%	32.96%	14.98%	19.10%	32.96%	100.00%
II. All Florida Births 2019	91.23%	0.80%	0.78%	7.19%	100.00%	91.23%	0.80%	0.78%	7.19%	
III. Ratio of (I) / (II)	0.414	23.110	23.882	3.502		0.361	18.696	24.633	4.583	
IV. Incidence Rate Relative to Above 2,500 Grams (i.e. Col. (2) or (7))		55.809	57.674	8.457			51.750	68.186	12.685	
Selected Ratio Based on U of Fla. Report		55.000	55.000	8.500			50.000	65.000	12.500	
Ratio of Mental "and/or" Physical Impairment to Mental "and" Physical Impairment Cases - By Birthweight Range - Impairment Score of 50 and Below										
Diagnosis Type	Births in Excess of 2,499 Grams	Births Less Than 1,000 Grams	Births Between 1,000 and 2,500	Births Between 1,500 and 2,500	All Weights Combined (11) / (6)					
(1)	(7) / (2)	(8) / (3)	(9) / (4)	(10) / (5)	(11) / (6)					
Resuscitated / Asphyxia	1.692	1.476	2.000	2.613	1.964					
Mechanical Injury / Abruption	1.833	2.250	2.250	2.333	2.043					
Totals :	1.725	1.600	2.040	2.588	1.978					
Selected	1.725	1.600	2.000	2.600	2.000					

Notes: (a) Based on University of Florida data obtained for births admitted to Regional Perinatal Intensive Care Centers over the period from 1980 to 1989. The study population contained 4,177 infants with developmental data (impairment scores). The above information is obtained from a series of reports prepared by University of Florida College of Medicine (Drs. Resnick, Ariet and Roth) in January 1991

Ratio of "And" to "And/Or" Coverage Trigger

1990 University of Florida Study Data (a)

**Increase in Impairment Level
Range from 51 to 69 Score**

Mental "and" Physical Impairment
Impairment = Both Scores in the Range from 50 to 70

Mental "and / or" Physical Impairment
Impairment = Either or Both Scores in the Range from 50 to 70

Diagnosis Type	Births in Excess of 2,499 Grams	Births Less Than 1,000 Grams	Births Between 1,000 and 1,500	Births Between 1,500 and 2,500	Total Births All Weights (2) + (3) + (4) + (5)	Births in Excess of 2,499 Grams	Births Less Than 1,000 Grams	Births Between 1,000 and 1,500	Births Between 1,500 and 2,500	Total Births All Weights (7) + (8) + (9) + (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Resuscitated / Asphyxia	14	13	19	10	56	92	48	71	129	340
Mechanical Injury / Abrupton	4	5	4	1	14	12	7	14	12	45
Totals :	18	18	23	11	70	104	55	85	141	385
All Florida Births 2019	200,718	1,763	1,706	15,823	220,010	200,718	1,763	1,706	15,823	220,010
Percent of Births by Birth Weight Range - "and"						Percent of Births by Birth Weight Range - "and/or"				
I. Resus. / Asphyxia / M.I. / Abrupt.	25.71%	25.71%	32.86%	15.71%	100.00%	27.01%	14.29%	22.08%	36.62%	100.00%
II. All Florida Births 2019	91.23%	0.80%	0.78%	7.19%	100.00%	91.23%	0.80%	0.78%	7.19%	
III. Ratio of (I) / (II)	0.282	32.090	42.373	2.185		0.296	17.828	28.472	5.092	
IV. Incidence Rate Relative to Above 2,500 Grams (i.e. Col. (2) or (7))		113.850	150.336	7.752			60.209	96.160	17.198	
Selected Ratio Based on U of Fla. Report		120.000	150.000	7.750			60.000	90.000	17.000	
Ratio of Mental "and/or" Physical Impairment to Mental "and" Physical Impairment Cases - By Birthweight Range - Impairment Score Between 50 and 70										
Diagnosis Type	Births in Excess of 2,499 Grams	Births Less Than 1,000 Grams	Births Between 1,000 and 1,500	Births Between 1,500 and 2,500	All Weights Combined (11) / (6)					
						(7) / (2)	(8) / (3)	(9) / (4)	(10) / (5)	(11) / (6)
(1)	(12)	(13)	(14)	(15)	(16)					
Resuscitated / Asphyxia	6.571	3.692	3.737	12.900	6.071					
Mechanical Injury / Abrupton	3.000	1.400	3.500	12.000	3.214					
Totals :	5.778	3.056	3.696	12.818	5.500					
Selected	5.500	3.000	3.700	12.500	5.500					

Notes: (a) Based on University of Florida data obtained for births admitted to Regional Perinatal Intensive Care Centers over the period from 1980 to 1989.
The study population contained 4,177 infants with developmental data (impairment scores). The above information is obtained from a series of reports prepared by University of Florida College of Medicine (Drs. Resnick, Ariet and Roth) in January 1991

Ratio of "And" to "And/Or" Coverage Trigger

1990 University of Florida Study Data (a)

**Relaxation in Impairment Level
Range of 70 and Below**

Diagnosis Type	Mental "and" Physical Impairment Impairment = Both Scores 70 and Below					Mental "and / or" Physical Impairment Impairment = Either/ or - Both Scores 70 and Below				
	Births in Excess of 2,499 Grams	Births Less Than 1,000 Grams	Births Between 1,000 and 1,500	Births Between 1,500 and 2,500	Total Births All Weights (2) + (3) + (4) +(5)	Births in Excess of 2,499 Grams	Births Less Than 1,000 Grams	Births Between 1,000 and 1,500	Births Between 1,500 and 2,500	Total Births All Weights (7) + (8) + (9) +(10)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Resuscitated / Asphyxia	53	34	40	41	168	158	79	113	210	560
Mechanical Injury / Abruption	16	9	8	4	37	34	16	23	19	92
Totals :	69	43	48	45	205	192	95	136	229	652
All Florida Births 2019	200,718	1,763	1,706	15,823	220,010	200,718	1,763	1,706	15,823	220,010
Percent of Births by Birth Weight Range - "and"					Percent of Births by Birth Weight Range - "and/or"					
I. Resus. / Asphyxia / M.I. / Abrupt.	33.66%	20.98%	23.41%	21.95%	100.00%	29.45%	14.57%	20.86%	35.12%	100.00%
II. All Florida Births 2019	91.23%	0.80%	0.78%	7.19%	100.00%	91.23%	0.80%	0.78%	7.19%	
III. Ratio of (I) / (II)	0.369	26.176	30.196	3.052		0.323	18.183	26.900	4.884	
IV. Incidence Rate Relative to Above 2,500 Grams (i.e. Col. (2) or (7))		70.950	81.846	8.273			56.332	83.338	15.130	
Selected Ratio Based on U of Fla. Report		71.000	82.000	8.250			56.500	83.500	15.250	
Ratio of Mental "and/or" Physical Impairment to Mental "and" Physical Impairment Cases - By Birthweight Range - Scores 70 and Below										
Diagnosis Type	Births in Excess of 2,499 Grams	Births Less Than 1,000 Grams	Births Between 1,000 and 2,500	Births Between 1,500 and 2,500	All Weights Combined (11) / (6)					
(1)	(7) / (2)	(8) / (3)	(9) / (4)	(10) / (5)	(11) / (6)					
Resuscitated / Asphyxia	2.981	2.324	2.825	5.122	3.333					
Mechanical Injury / Abruption	2.125	1.778	2.875	4.750	2.486					
Totals :	2.783	2.209	2.833	5.089	3.180					
Selected	2.750	2.200	2.850	5.000	3.250					

Notes: (a) Based on University of Florida data obtained for births admitted to Regional Perinatal Intensive Care Centers over the period from 1980 to 1989. The study population contained 4,177 infants with developmental data (impairment scores). The above information is obtained from a series of reports prepared by University of Florida College of Medicine (Drs. Resnick, Ariet and Roth) in January 1991

Estimation of 2022 Level Average Claim Size

Birth Year	2022 Level Ultimate Loss & ALAE After Prospective Inflation & Discount (a)	Estimated Ultimate Number (b) of NICA Accepted Claims		Estimated 2022 Level Loss & ALAE Related to NICA Claimants Deceased prior to Report (c)	2022 Level Ultimate Loss & ALAE After Prospective Inflation & Discount on Claimants Alive Upon Date Reported (2) - (5)	Indicated 2022 Level Ultimate Loss & ALAE per Claimant (6) / (2)
		All Accepted Including Deceased Prior to Report	All Accepted Excluding Deceased Prior to Report			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2000	17,460,763	13	6	1,187,384	16,273,379	2,712,230
2001	27,488,622	13	4	1,452,980	26,035,642	6,508,911
2002	66,351,735	22	17	818,920	65,532,816	3,854,872
2003	15,139,603	9	3	994,755	14,144,847	4,714,949
2004	26,947,387	13	6	1,161,490	25,785,897	4,297,650
2005	33,464,117	13	11	325,245	33,138,872	3,012,625
2006	47,617,342	13	12	180,262	47,437,080	3,953,090
2007	36,599,285	15	10	629,202	35,970,083	3,597,008
2008	49,810,701	11	10	163,211	49,647,489	4,964,749
2009	58,662,680	17	11	1,150,857	57,511,823	5,228,348
2010	30,847,864	12	6	964,069	29,883,796	4,980,633
2011	50,185,608	14	12	328,839	49,856,769	4,154,731
2012	34,444,766	11	7	642,159	33,802,606	4,828,944
2013	30,048,378	11	8	514,926	29,533,452	3,691,681
2014	36,822,269	13	10	498,395	36,323,874	3,632,387
2015	67,525,542	21	15	1,004,719	66,520,823	4,434,722
2016	24,180,964	10	6	827,078	23,353,886	3,892,314
2017	50,944,600	18	15	318,587	50,626,013	3,375,068
2018	67,364,006	28	18	1,676,984	65,687,022	3,649,279
2019	65,351,728	21	17	316,944	65,034,784	3,825,576
2020	55,135,291	18	14	335,000	54,800,291	3,914,306
Subtotals						
2016 to 2020	262,976,588		70		259,501,995	3,707,171
2010 to 2020	512,851,015		128		505,423,315	3,948,620
2005 to 2020	739,005,140		182		729,128,662	4,006,201
2000 to 2020	892,393,250		218		876,901,243	4,022,483
2010 to 2015	249,874,427		58		245,921,320	4,240,023
2005 to 2015	476,028,551		112		469,626,667	4,193,095

(8) Selected 2022 Average Claim - After Inflation / Discount - Claimants Alive Upon Report Date 3,950,000
(9) Selected 2022 Average Claim - After Inflation / Discount - Claimants Deceased Prior to Report Date 325,000

Notes: (a) See Exhibit V, Sheet 2.

(b) See Exhibit X, Sheet 1a of the NICA loss and LAE reserve report evaluated as of June 30, 2021

(c) Based on actual amounts incurred as of June 30, 2021 for claimants deceased prior to report. Future claimants deceased prior to date of report will have estimated average claim size of approximately \$ 325,000.

Estimation of 2022 Level Average Claim Size

Adjustment of Prior Birth Year Estimates to 2022 Loss Level - After Inflation / Discount (a)

Birth Year	Actual Paid (b) Before Adjustment @ 6/30/21 Includes All Payments	Actual Paid (c) Before Adjustment @ 6/30/21 Retroactive & SB 1786 Payments	Paid (d) Before Adjustment Adjusted to BY Level	Inflation Adjustment Factor to 2021 Level Paid Basis (e)	2021 Level Paid Loss & ALAE Before Prospective Inflation / Discount [(4) X (5)] + [(2) - (3)]	Outstanding Loss & ALAE - as of @ 6/30/21 2021 Level Before Prospective Inflation & Discount (f)	Outstanding Loss & ALAE - as of @ 6/30/21 2021 Level After Prospective Inflation & Discount (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2000	7,366,072	6,476,164	5,497,561	1.340	8,259,066	16,920,490	12,797,704
2001	9,627,772	8,912,225	7,511,821	1.327	10,683,907	28,956,473	21,796,037
2002	20,869,046	18,338,425	15,103,063	1.312	22,348,440	73,335,078	55,735,799
2003	5,946,758	5,496,758	4,570,904	1.298	6,382,466	15,449,826	12,590,330
2004	6,697,646	6,097,646	5,163,095	1.282	7,221,572	31,638,313	23,183,884
2005	10,281,825	9,381,825	7,832,139	1.265	10,804,760	37,452,672	27,031,894
2006	12,003,689	10,953,689	9,135,407	1.250	12,466,269	56,201,035	41,695,228
2007	12,913,329	11,973,329	10,027,600	1.235	13,328,204	39,450,345	29,723,687
2008	8,151,387	7,361,353	6,186,832	1.223	8,355,390	63,474,880	44,933,683
2009	10,489,864	9,139,864	8,720,042	1.077	10,739,754	73,855,647	53,192,539
2010	3,869,633	3,419,633	3,306,704	1.068	3,980,303	40,504,324	27,207,261
2011	6,820,076	5,770,076	5,566,122	1.058	6,940,092	65,430,819	45,536,421
2012	4,550,584	3,800,584	3,692,620	1.049	4,623,127	45,048,465	30,577,470
2013	6,675,800	5,625,800	5,489,181	1.042	6,768,987	36,562,728	24,530,759
2014	7,529,941	6,329,941	6,190,029	1.036	7,613,264	45,486,843	30,314,946
2015	6,800,447	5,450,447	5,326,139	1.031	6,842,166	90,534,057	60,153,141
2016	1,410,403	1,070,369	1,053,551	1.026	1,421,236	33,449,286	22,275,757
2017	3,398,739	2,498,739	2,463,563	1.019	3,409,152	70,056,274	46,333,354
2018	4,728,346	3,528,346	3,489,002	1.014	4,736,592	92,406,685	60,843,254
2019	2,542,682	1,942,682	1,928,097	1.008	2,544,213	91,697,230	60,274,217
2020	22,378	22,378	22,293	1.004	22,378	79,486,297	52,426,786

Actual Paid + Outstanding Loss & ALAE @ 6/30/21 2021 Level Before Prospective Inflation & Discount (6) + (7)	Actual Paid + Outstanding Loss & ALAE @ 6/30/21 2021 Level After Prospective Inflation & Discount (6) + (8)	Indicated Inflation / Discount Factor Before Adjustment for Maturity Level (10) / (9)	Prior Experience Adjusted to 2021 Level After Prospective Inflation & Discount (9) X Selected (12)	2022 Level Ultimate Loss & ALAE After Prospective Inflation & Discount (13) X 1.035
(9)	(10)	(11)	(13)	(14)
25,179,556	21,056,770	0.836	16,870,303	17,460,763
39,640,380	32,479,944	0.819	26,559,055	27,488,622
95,683,518	78,084,239	0.816	64,107,957	66,351,735
21,832,292	18,972,795	0.869	14,627,635	15,139,603
38,859,885	30,405,456	0.782	26,036,123	26,947,387
48,257,433	37,836,654	0.784	32,332,480	33,464,117
68,667,304	54,161,497	0.789	46,007,094	47,617,342
52,778,549	43,051,891	0.816	35,361,628	36,599,285
71,830,270	53,289,073	0.742	48,126,281	49,810,701
84,595,400	63,932,293	0.756	56,676,918	58,662,680
44,484,627	31,187,564	0.701	29,804,700	30,847,864
72,370,911	52,476,513	0.725	48,488,510	50,185,608
49,671,592	35,200,597	0.709	33,279,967	34,444,766
43,331,715	31,299,746	0.722	29,032,249	30,048,378
53,100,107	37,928,209	0.714	35,577,072	36,822,269
97,376,223	66,995,307	0.688	65,242,069	67,525,542
34,870,522	23,696,993	0.680	23,363,250	24,180,964
73,465,426	49,742,507	0.677	49,221,835	50,944,600
97,143,278	65,579,846	0.675	65,085,996	67,364,006
94,241,442	62,818,429	0.667	63,141,766	65,351,728
79,508,675	52,449,165	0.660	53,270,812	55,135,291

Average Inflation / Discount - Latest 3 Year ==> 0.667
Average Inflation / Discount - Latest 5 Year ==> 0.672

(12) Selected Average Inflation / Discount - Beginning Year Basis 0.670

Notes: (a) Adjustment for prospective inflation and discount is based on an assumed average annual inflation rate of 3.50 percent and assumed investment rate of 5.00 % per annum.

(b) See actuarial report prepared as of June 30, 2021 for NICA loss and LAE reserves - Exhibit I, Sheet 1.

(c) See actuarial report prepared as of June 30, 2021 for NICA loss and LAE reserves - Exhibit IX, Sheet 6a-3.

(d) NICA loss and ALAE payments shown in column (3) after adjustment to each Birth Year level. Shown in Exhibit VIII, Sheet 1 of the NICA June 30, 2021 report.

(e) Estimated inflation adjustment is shown in June 30, 2021 NICA loss and LAE reserve report - Appendix E, Exhibit II, Sheet 3, Col. (3).

(f) See Exhibit I, Sheet 1, Columns (3) and (7) from the NICA loss and LAE Reserve Report - June 30, 2021.

Estimated Cost Associated with Increase in Quality of Life Benefit
from Current \$ 500 to \$ 2,500 Per Calendar Year for Each Claimant Receiving NICA Benefits

I. Estimated Present Value Cost of Benefit Increase Applied to All Open and Unreported NICA claimants as of June 30, 2021

1. Total Life Expectancy - All NICA Open Accepted With Worksheets (a)	6,053.10
2. Estimated Mortality Development - Longitudinal vs. Cross Sectional (b)	1.235
3. Estimated Life Expectancy on All Open Accepted Claims - After Adjustment (1) x (2)	7,475.58
4. Number of Open Claims With Worksheets (a)	213
5. Indicated Average Remaining Life Expectancy - All Birth Years	35.10
6. Estimated Unreported (AAA) Claims + AAA Reported Without Worksheets	47
7. Estimated Remaining LE on Unreported Claims & Without Worksheets	1,649.54
8. Total Remaining Life Expectancy - Open + Unreported	9,125.12
9. Quality of Life Benefit per Family Per Year - Maximum - Before Inflation	2,000
a. Current NICA Benefit - \$ 500	500
b. Alternative Set Forth in SB 1786 - Section 5 (8) (g) - Item # 3	2,500
10. Total Indicated O/S - Before Inflation / Discount (8) x (9)	18,250,239
a. Current NICA Benefit - \$ 500 = (8) X (9a)	4,562,560
b. Alternative Set Forth in SB 1786 - Section 5 (8) (g) - Item # 3 = (8) X (9b)	22,812,798
11. Discount Factors	
a. Assuming Benefit Amount is Fixed and Discounted at 5 % (c)	0.42665
b. Assuming Benefit Amount Inflates at 3.5% and Discount of 5.0 % per Annum (c)	0.73591
12. Discounted Value of Alternative Benefit Levels	
a1. Assuming Benefit Amount is Fixed and Discounted at 5 % - Current \$ 500 (10a) x (11a)	1,946,621
a2. Assuming Benefit Amount is Fixed and Discounted at 5 % - Current \$ 2,500 (10b) x (11a)	9,733,105
b. Assuming Benefit Amount Inflates at 3.5% and Discount of 5.0 % per Annum (10b) x (11b)	16,788,245
13. Discounted Value of Additional Benefit	
a. Assuming Benefit Amount is Fixed (2,500) and Discounted at 5 % (12a2) - (12a1)	7,786,484
b. Assuming Benefit New Amount (2,500) Inflates at 3.5% and Discount of 5.0 % per Annum (12b) - (12a1)	14,841,624

II. Estimated Present Value Cost of Benefit Increase Applied to Expected NICA Claimants in Birth Year 2022
(Before Any change in Birth Weight or Coverage Trigger (i.e. and vs. and/or)

1. Estimated 2022 NICA Claim Frequency (d)	
a. All Accepted - Includes Deceased Prior to Acceptance	20.03
b. Accepted Claims - Alive Upon Acceptance - Excl. Deceased	14.56
c. Accepted Claims - Deceased Prior to Acceptance = (1a.) - (1b.)	5.46
2. Present Value Cost of \$ 1 per Year beginning at Birth (e)	
a. Assuming a Flat Benefit without Inflation Adjustment - Assumed 5 % Investment Return	14.18
b. Assuming a Escalating Benefit with 3.5 % Inflation Adjustment - Assumed 5 % Investment Return	25.61
3. Assumed Average Lag in Claim Report - Adjustment for Lag in Benefits due to Lag in Claim Report	
a. Assuming a Flat Benefit without Inflation Adjustment - Assumed 5 % Investment Return	1.51
b. Assuming a Escalating Benefit with 3.5 % Inflation Adjustment - Assumed 5 % Investment Return	1.65
4. Discounted Value of Alternative Benefit	
a1. Assuming Benefit Amount is Fixed and Discounted at 5 % = Current \$ 500 (1b) X 500 X [(2a)-(3a)]	92,248
a2. Assuming Benefit Amount is Fixed and Discounted at 5 % = Proposed \$ 2,500 (1b) X 2,500 X [(2a)-(3a)]	461,240
b. Assuming Benefit Amount Inflates at 3.5% and Discount of 5.0 % per Annum - Proposed \$ 2,500 = (1b) X 2,500 X [(2b)-(3b)]	872,342
5. Estimated 2022 Birth Year Present Value Cost - \$ 2,000 Increase in Annual Benefit	
a. Assuming a Flat Benefit without Inflation Adjustment = (4a2) - (4a1)	368,992
b. Assuming a Escalating Benefit with 3.5 % Inflation Adjustment = (4b) - (4a1)	780,094

Notes: (a) Based on all individual NICA claimant worksheets as of June 30, 2021
(b) Based on the review of NICA mortality information and an assumed improvement in overall NICA average life expectancy of .20 years per year. Overall average mortality has improved at the rate of .30 years per year on average over the latest 100 years.
(c) See Appendix F, Exhibit IV, Sheet 2b of the NICA loss and LAE reserve report - June 30, 2021.
(d) See Exhibit II, Sheet 2, Item I. 1.
(e) See Exhibit VI, Sheet 3b, Columns (7) and (6) totals.

Estimated Number Alive By Year - Based on Open Claims as of June 30, 2021

Inflation / Discount for Open Claims as of June 30, 2021

Fiscal Year ----- (1)	Expected Number Alive at End of Period (a) ----- (2)	Estimated Time of Payment (Years) ----- (3)	Discount Factors		Discounted Value	
			-----		-----	
			Inflation 3.50% & Discount 5.00%	Discount Only at 5.00%	Inflation 3.50% & Discount 5.00% (2) x (4)	Discount Only at 5.00% (2) x (5)
			----- (4)	----- (5)	----- (6)	----- (7)
7/1/2021 - 6/30/2022	257.2675	0.250	0.9964	0.9879	256.3437	254.1485
7/1/2022 - 6/30/2023	254.3146	1.000	0.9857	0.9524	250.6815	242.2043
7/1/2023 - 6/30/2024	251.1372	2.000	0.9716	0.9070	244.0131	227.7888
7/1/2024 - 6/30/2025	247.7521	3.000	0.9578	0.8638	237.2852	214.0176
7/1/2025 - 6/30/2026	244.1724	4.000	0.9441	0.8227	230.5159	200.8813
7/1/2026 - 6/30/2027	240.5301	5.000	0.9306	0.7835	223.8332	188.4616
7/1/2027 - 6/30/2028	236.8809	6.000	0.9173	0.7462	217.2883	176.7642
7/1/2028 - 6/30/2029	233.2242	7.000	0.9042	0.7107	210.8778	165.7481
7/1/2029 - 6/30/2030	229.5592	8.000	0.8913	0.6768	204.5988	155.3747
7/1/2030 - 6/30/2031	225.8850	9.000	0.8785	0.6446	198.4481	145.6075
7/1/2031 - 6/30/2032	222.2010	10.000	0.8660	0.6139	192.4228	136.4121
7/1/2032 - 6/30/2033	218.5064	11.000	0.8536	0.5847	186.5201	127.7562
7/1/2033 - 6/30/2034	214.8012	12.000	0.8414	0.5568	180.7379	119.6093
7/1/2034 - 6/30/2035	211.0854	13.000	0.8294	0.5303	175.0741	111.9431
7/1/2035 - 6/30/2036	207.3598	14.000	0.8176	0.5051	169.5272	104.7308
7/1/2036 - 6/30/2037	203.6254	15.000	0.8059	0.4810	164.0959	97.9473
7/1/2037 - 6/30/2038	199.8830	16.000	0.7944	0.4581	158.7788	91.5687
7/1/2038 - 6/30/2039	196.1331	17.000	0.7830	0.4363	153.5743	85.5722
7/1/2039 - 6/30/2040	192.3759	18.000	0.7718	0.4155	148.4806	79.9362
7/1/2040 - 6/30/2041	188.6114	19.000	0.7608	0.3957	143.4954	74.6399
7/1/2041 - 6/30/2042	184.8393	20.000	0.7499	0.3769	138.6166	69.6640
7/1/2042 - 6/30/2043	181.0593	21.000	0.7392	0.3589	133.8421	64.9898
7/1/2043 - 6/30/2044	177.2710	22.000	0.7287	0.3418	129.1697	60.6001
7/1/2044 - 6/30/2045	173.4739	23.000	0.7182	0.3256	124.5972	56.4781
7/1/2045 - 6/30/2046	169.6677	24.000	0.7080	0.3101	120.1225	52.6085
7/1/2046 - 6/30/2047	165.8515	25.000	0.6979	0.2953	115.7433	48.9764
7/1/2047 - 6/30/2048	162.0250	26.000	0.6879	0.2812	111.4575	45.5680
7/1/2048 - 6/30/2049	158.1876	27.000	0.6781	0.2678	107.2632	42.3703
7/1/2049 - 6/30/2050	154.3392	28.000	0.6684	0.2551	103.1587	39.3709
7/1/2050 - 6/30/2051	150.4800	29.000	0.6588	0.2429	99.1424	36.5586
7/1/2051 - 6/30/2052	146.6103	30.000	0.6494	0.2314	95.2129	33.9223
7/1/2052 - 6/30/2053	142.7303	31.000	0.6402	0.2204	91.3690	31.4520
7/1/2053 - 6/30/2054	138.8404	32.000	0.6310	0.2099	87.6091	29.1379
7/1/2054 - 6/30/2055	134.9410	33.000	0.6220	0.1999	83.9322	26.9710
7/1/2055 - 6/30/2056	131.0327	34.000	0.6131	0.1904	80.3370	24.9427
7/1/2056 - 6/30/2057	127.1163	35.000	0.6043	0.1813	76.8224	23.0450
7/1/2057 - 6/30/2058	123.1929	36.000	0.5957	0.1727	73.3878	21.2702
7/1/2058 - 6/30/2059	119.2639	37.000	0.5872	0.1644	70.0322	19.6112
7/1/2059 - 6/30/2060	115.3307	38.000	0.5788	0.1566	66.7551	18.0614
7/1/2060 - 6/30/2061	111.3953	39.000	0.5705	0.1491	63.5562	16.6144
7/1/2061 - 6/30/2062	107.4596	40.000	0.5624	0.1420	60.4348	15.2642
7/1/2062 - 6/30/2063	103.5260	41.000	0.5544	0.1353	57.3908	14.0052
7/1/2063 - 6/30/2064	99.5968	42.000	0.5464	0.1288	54.4239	12.8320
7/1/2064 - 6/30/2065	95.6750	43.000	0.5386	0.1227	51.5340	11.7397
7/1/2065 - 6/30/2066	91.7642	44.000	0.5309	0.1169	48.7214	10.7237
7/1/2066 - 6/30/2067	87.8681	45.000	0.5234	0.1113	45.9863	9.7794
7/1/2067 - 6/30/2068	83.9910	46.000	0.5159	0.1060	43.3292	8.9028
7/1/2068 - 6/30/2069	80.1373	47.000	0.5085	0.1009	40.7506	8.0898
7/1/2069 - 6/30/2070	76.3124	48.000	0.5012	0.0961	38.2513	7.3368
7/1/2070 - 6/30/2071	72.5222	49.000	0.4941	0.0916	35.8321	6.6404
7/1/2071 - 6/30/2072	68.7729	50.000	0.4870	0.0872	33.4942	5.9973
7/1/2072 - 6/30/2073	65.0708	51.000	0.4801	0.0831	31.2385	5.4042
7/1/2073 - 6/30/2074	61.4229	52.000	0.4732	0.0791	29.0660	4.8583
7/1/2074 - 6/30/2075	57.8362	53.000	0.4665	0.0753	26.9778	4.3568
7/1/2075 - 6/30/2076	54.3182	54.000	0.4598	0.0717	24.9748	3.8969
7/1/2076 - 6/30/2077	50.8764	55.000	0.4532	0.0683	23.0581	3.4762
7/1/2077 - 6/30/2078	47.5180	56.000	0.4467	0.0651	21.2284	3.0921
7/1/2078 - 6/30/2079	44.2506	57.000	0.4404	0.0620	19.4863	2.7424
7/1/2079 - 6/30/2080	41.0810	58.000	0.4341	0.0590	17.8321	2.4247
7/1/2080 - 6/30/2081	38.0160	59.000	0.4279	0.0562	16.2659	2.1370

Estimated Number Alive By Year - Based on Open Claims as of June 30, 2021

Fiscal Year	Expected Number Alive at End of Period (a)	Estimated Time of Payment (Years)	Discount Factors		Discounted Value	
			Inflation	Discount	Inflation	Discount
			3.50% & Discount 5.00%	Only at 5.00%	3.50% & Discount 5.00% (2) x (4)	Only at 5.00% (2) x (5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
7/1/2081 - 6/30/2082	35.0614	60.000	0.4218	0.0535	14.7874	1.8770
7/1/2082 - 6/30/2083	32.2227	61.000	0.4157	0.0510	13.3960	1.6429
7/1/2083 - 6/30/2084	29.5048	62.000	0.4098	0.0486	12.0909	1.4327
7/1/2084 - 6/30/2085	26.9117	63.000	0.4039	0.0462	10.8707	1.2446
7/1/2085 - 6/30/2086	24.4467	64.000	0.3982	0.0440	9.7339	1.0767
7/1/2086 - 6/30/2087	22.1122	65.000	0.3925	0.0419	8.6786	0.9275
7/1/2087 - 6/30/2088	19.9101	66.000	0.3869	0.0399	7.7027	0.7954
7/1/2088 - 6/30/2089	17.8410	67.000	0.3813	0.0380	6.8036	0.6788
7/1/2089 - 6/30/2090	15.9048	68.000	0.3759	0.0362	5.9786	0.5763
7/1/2090 - 6/30/2091	14.1004	69.000	0.3705	0.0345	5.2246	0.4866
7/1/2091 - 6/30/2092	12.4261	70.000	0.3652	0.0329	4.5385	0.4084
7/1/2092 - 6/30/2093	10.8801	71.000	0.3600	0.0313	3.9170	0.3406
7/1/2093 - 6/30/2094	9.4600	72.000	0.3549	0.0298	3.3571	0.2820
7/1/2094 - 6/30/2095	8.1639	73.000	0.3498	0.0284	2.8558	0.2318
7/1/2095 - 6/30/2096	6.9892	74.000	0.3448	0.0270	2.4099	0.1890
7/1/2096 - 6/30/2097	5.9318	75.000	0.3399	0.0258	2.0161	0.1528
7/1/2097 - 6/30/2098	4.9873	76.000	0.3350	0.0245	1.6709	0.1223
7/1/2098 - 6/30/2099	4.1509	77.000	0.3302	0.0234	1.3708	0.0970
7/1/2099 - 6/30/2100	3.4171	78.000	0.3255	0.0222	1.1123	0.0760
7/1/2100 - 6/30/2101	2.7800	79.000	0.3209	0.0212	0.8920	0.0589
7/1/2101 - 6/30/2102	2.2335	80.000	0.3163	0.0202	0.7064	0.0451
7/1/2102 - 6/30/2103	1.7705	81.000	0.3118	0.0192	0.5520	0.0340
7/1/2103 - 6/30/2104	1.3839	82.000	0.3073	0.0183	0.4253	0.0253
7/1/2104 - 6/30/2105	1.0659	83.000	0.3029	0.0174	0.3229	0.0186
7/1/2105 - 6/30/2106	0.8086	84.000	0.2986	0.0166	0.2414	0.0134
7/1/2106 - 6/30/2107	0.6038	85.000	0.2943	0.0158	0.1777	0.0095
7/1/2107 - 6/30/2108	0.4437	86.000	0.2901	0.0151	0.1287	0.0067
7/1/2108 - 6/30/2109	0.3209	87.000	0.2860	0.0143	0.0918	0.0046
7/1/2109 - 6/30/2110	0.2284	88.000	0.2819	0.0137	0.0644	0.0031
7/1/2110 - 6/30/2111	0.1605	89.000	0.2779	0.0130	0.0446	0.0021
7/1/2111 - 6/30/2112	0.1122	90.000	0.2739	0.0124	0.0307	0.0014
7/1/2112 - 6/30/2113	0.0783	91.000	0.2700	0.0118	0.0211	0.0009
7/1/2113 - 6/30/2114	0.0548	92.000	0.2661	0.0112	0.0146	0.0006
7/1/2114 - 6/30/2115	0.0384	93.000	0.2623	0.0107	0.0101	0.0004
7/1/2115 - 6/30/2116	0.0272	94.000	0.2586	0.0102	0.0070	0.0003
7/1/2116 - 6/30/2117	0.0194	95.000	0.2549	0.0097	0.0049	0.0002
7/1/2117 - 6/30/2118	0.0139	96.000	0.2512	0.0092	0.0035	0.0001
7/1/2118 - 6/30/2119	0.0101	97.000	0.2477	0.0088	0.0025	0.0001
7/1/2119 - 6/30/2120	0.0074	98.000	0.2441	0.0084	0.0018	0.0001
7/1/2120 - 6/30/2121	0.0055	99.000	0.2406	0.0080	0.0013	0.0000
7/1/2121 - 6/30/2122	0.0041	100.000	0.2372	0.0076	0.0010	0.0000
7/1/2122 - 6/30/2123	0.0031	101.000	0.2338	0.0072	0.0007	0.0000
7/1/2123 - 6/30/2124	0.0024	102.000	0.2305	0.0069	0.0005	0.0000
7/1/2124 - 6/30/2125	0.0018	103.000	0.2272	0.0066	0.0004	0.0000
7/1/2125 - 6/30/2126	0.0014	104.000	0.2239	0.0063	0.0003	0.0000
7/1/2126 - 6/30/2127	0.0010	105.000	0.2207	0.0060	0.0002	0.0000
7/1/2127 - 6/30/2128	0.0008	106.000	0.2176	0.0057	0.0002	0.0000
7/1/2128 - 6/30/2129	0.0006	107.000	0.2145	0.0054	0.0001	0.0000
7/1/2129 - 6/30/2130	0.0004	108.000	0.2114	0.0051	0.0001	0.0000
7/1/2130 - 6/30/2131	0.0003	109.000	0.2084	0.0049	0.0001	0.0000
7/1/2131 - 6/30/2132	0.0003	110.000	0.2054	0.0047	0.0001	0.0000
7/1/2132 - 6/30/2133	0.0002	111.000	0.2025	0.0044	0.0000	0.0000
7/1/2133 - 6/30/2134	0.0001	112.000	0.1996	0.0042	0.0000	0.0000
7/1/2134 - 6/30/2135	0.0001	113.000	0.1967	0.0040	0.0000	0.0000
7/1/2135 - 6/30/2136	0.0001	114.000	0.1939	0.0038	0.0000	0.0000
7/1/2136 - 6/30/2137	0.0000	115.000	0.1911	0.0037	0.0000	0.0000
7/1/2137 - 6/30/2138	0.0000	116.000	0.1884	0.0035	0.0000	0.0000
7/1/2138 - 6/30/2139	0.0000	117.000	0.1857	0.0033	0.0000	0.0000
7/1/2139 - 6/30/2140	0.0000	118.000	0.1831	0.0032	0.0000	0.0000
7/1/2140 - 6/30/2141	0.0000	119.000	0.1805	0.0030	0.0000	0.0000
Totals All:	9,187.58				6,761.26	3,919.89
Indicated Average Discount					0.73591	0.42665

Notes: (a) Based on number of claims by year and estimated life expectancy - see NICA Loss & LAE Reserve Report as of June 30, 2021 - Appendix E, Exhibit III, Sheets 3a through 3g.

Discounted Value of Receiving \$ 1 per Year for Life - With and Without Inflation Adjustment
Mortality Factors Exclude the DA claimants - those deceased during the first year.

Time After Birth (Years)	Probability of Death (a) By End	Probability of Survival to the end of year (b)	Estimated Time of Payment (Years)	Discount Factors		Mortality and Interest Discounted Value	
				Inflation 3.50% & Discount 5.00%	Discount Only at 5.00%	Inflation 3.50% & Discount 5.00% (3) x (5)	Discount Only at 5.00% (3) x (6)
(1)	(2)	(3)	(4)	(5)	(6)	(6)	(7)
1	0.0431	0.9785	0.5000	0.9928	0.9759	0.9715	0.9549
2	0.0315	0.9419	1.5000	0.9786	0.9294	0.9218	0.8754
3	0.0171	0.9189	2.5000	0.9647	0.8852	0.8864	0.8134
4	0.0169	0.9033	3.5000	0.9509	0.8430	0.8589	0.7615
5	0.0169	0.8880	4.5000	0.9373	0.8029	0.8323	0.7130
6	0.0169	0.8730	5.5000	0.9239	0.7646	0.8066	0.6675
7	0.0169	0.8583	6.5000	0.9107	0.7282	0.7816	0.6250
8	0.0169	0.8438	7.5000	0.8977	0.6936	0.7575	0.5852
9	0.0168	0.8296	8.5000	0.8849	0.6605	0.7341	0.5480
10	0.0168	0.8156	9.5000	0.8722	0.6291	0.7114	0.5131
11	0.0168	0.8019	10.5000	0.8598	0.5991	0.6894	0.4804
12	0.0169	0.7884	11.5000	0.8475	0.5706	0.6681	0.4498
13	0.0170	0.7750	12.5000	0.8354	0.5434	0.6474	0.4211
14	0.0172	0.7617	13.5000	0.8235	0.5175	0.6272	0.3942
15	0.0174	0.7485	14.5000	0.8117	0.4929	0.6076	0.3689
16	0.0176	0.7354	15.5000	0.8001	0.4694	0.5884	0.3452
17	0.0177	0.7224	16.5000	0.7887	0.4471	0.5697	0.3230
18	0.0179	0.7095	17.5000	0.7774	0.4258	0.5516	0.3021
19	0.0180	0.6968	18.5000	0.7663	0.4055	0.5340	0.2826
20	0.0181	0.6843	19.5000	0.7553	0.3862	0.5169	0.2643
21	0.0189	0.6716	20.5000	0.7446	0.3678	0.5001	0.2470
22	0.0191	0.6589	21.5000	0.7339	0.3503	0.4835	0.2308
23	0.0192	0.6463	22.5000	0.7234	0.3336	0.4675	0.2156
24	0.0193	0.6338	23.5000	0.7131	0.3177	0.4520	0.2014
25	0.0194	0.6216	24.5000	0.7029	0.3026	0.4369	0.1881
26	0.0195	0.6095	25.5000	0.6929	0.2882	0.4223	0.1757
27	0.0196	0.5976	26.5000	0.6830	0.2745	0.4082	0.1640
28	0.0198	0.5859	27.5000	0.6732	0.2614	0.3944	0.1531
29	0.0200	0.5742	28.5000	0.6636	0.2489	0.3811	0.1429
30	0.0202	0.5627	29.5000	0.6541	0.2371	0.3681	0.1334
31	0.0204	0.5513	30.5000	0.6448	0.2258	0.3555	0.1245
32	0.0206	0.5400	31.5000	0.6356	0.2150	0.3432	0.1161
33	0.0208	0.5288	32.5000	0.6265	0.2048	0.3313	0.1083
34	0.0210	0.5178	33.5000	0.6175	0.1951	0.3197	0.1010
35	0.0213	0.5068	34.5000	0.6087	0.1858	0.3085	0.0942
36	0.0215	0.4960	35.5000	0.6000	0.1769	0.2976	0.0878
37	0.0218	0.4853	36.5000	0.5914	0.1685	0.2870	0.0818
38	0.0220	0.4746	37.5000	0.5830	0.1605	0.2767	0.0762
39	0.0223	0.4641	38.5000	0.5747	0.1528	0.2667	0.0709
40	0.0226	0.4537	39.5000	0.5665	0.1456	0.2570	0.0660
41	0.0260	0.4427	40.5000	0.5584	0.1386	0.2472	0.0614
42	0.0265	0.4310	41.5000	0.5504	0.1320	0.2372	0.0569
43	0.0270	0.4195	42.5000	0.5425	0.1257	0.2276	0.0527
44	0.0276	0.4081	43.5000	0.5348	0.1197	0.2182	0.0489
45	0.0282	0.3967	44.5000	0.5271	0.1140	0.2091	0.0452
46	0.0289	0.3853	45.5000	0.5196	0.1086	0.2002	0.0419
47	0.0297	0.3741	46.5000	0.5122	0.1034	0.1916	0.0387
48	0.0305	0.3628	47.5000	0.5049	0.0985	0.1832	0.0357
49	0.0313	0.3516	48.5000	0.4977	0.0938	0.1750	0.0330
50	0.0323	0.3404	49.5000	0.4905	0.0894	0.1670	0.0304
51	0.0333	0.3293	50.5000	0.4835	0.0851	0.1592	0.0280
52	0.0343	0.3182	51.5000	0.4766	0.0810	0.1516	0.0258
53	0.0354	0.3071	52.5000	0.4698	0.0772	0.1443	0.0237
54	0.0366	0.2960	53.5000	0.4631	0.0735	0.1371	0.0218
55	0.0379	0.2850	54.5000	0.4565	0.0700	0.1301	0.0200
56	0.0393	0.2740	55.5000	0.4500	0.0667	0.1233	0.0183
57	0.0407	0.2630	56.5000	0.4435	0.0635	0.1167	0.0167
58	0.0423	0.2521	57.5000	0.4372	0.0605	0.1102	0.0152
59	0.0439	0.2413	58.5000	0.4310	0.0576	0.1040	0.0139
60	0.0456	0.2305	59.5000	0.4248	0.0549	0.0979	0.0126

Notes: (a) Based upon the review of standard mortality adjusted to NICA experience levels. The mortality factors are further adjusted to include consideration of likely improvements in mortality over time.
(b) Probability based on mortality decrements in column (2) adjusted to include consideration of 1/2 year of benefit for those deceased during the most recent year.

Discounted Value of Receiving \$ 1 per Year for Life - With and Without Inflation Adjustment
Mortality Factors Exclude the DA claimants - those deceased during the first year.

Time After Birth (Years)	Probability of Death (a) By End	Probability of Survival to the end of year (b)	Estimated Time of Payment (Years)	Discount Factors		Discounted Value	
				Inflation 3.50% & Discount 5.00%	Discount Only at 5.00%	Inflation 3.50% & Discount 5.00% (3) x (5)	Discount Only at 5.00% (3) x (6)
(1)	(2)	(3)	(4)	(5)	(6)	(6)	(7)
61	0.0877	0.2152	60.5000	0.4187	0.0522	0.0901	0.0112
62	0.0923	0.1959	61.5000	0.4128	0.0498	0.0808	0.0097
63	0.0974	0.1773	62.5000	0.4069	0.0474	0.0721	0.0084
64	0.1029	0.1596	63.5000	0.4010	0.0451	0.0640	0.0072
65	0.1089	0.1427	64.5000	0.3953	0.0430	0.0564	0.0061
66	0.1152	0.1267	65.5000	0.3897	0.0409	0.0494	0.0052
67	0.1219	0.1117	66.5000	0.3841	0.0390	0.0429	0.0044
68	0.1289	0.0978	67.5000	0.3786	0.0371	0.0370	0.0036
69	0.1362	0.0848	68.5000	0.3732	0.0354	0.0317	0.0030
70	0.1442	0.0730	69.5000	0.3679	0.0337	0.0268	0.0025
71	0.1530	0.0621	70.5000	0.3626	0.0321	0.0225	0.0020
72	0.1625	0.0524	71.5000	0.3574	0.0305	0.0187	0.0016
73	0.1730	0.0436	72.5000	0.3523	0.0291	0.0154	0.0013
74	0.1844	0.0358	73.5000	0.3473	0.0277	0.0124	0.0010
75	0.1967	0.0290	74.5000	0.3423	0.0264	0.0099	0.0008
76	0.2100	0.0231	75.5000	0.3374	0.0251	0.0078	0.0006
77	0.2242	0.0181	76.5000	0.3326	0.0239	0.0060	0.0004
78	0.2394	0.0140	77.5000	0.3279	0.0228	0.0046	0.0003
79	0.2557	0.0105	78.5000	0.3232	0.0217	0.0034	0.0002
80	0.2734	0.0077	79.5000	0.3186	0.0207	0.0025	0.0002
81	0.2926	0.0056	80.5000	0.3140	0.0197	0.0017	0.0001
82	0.3132	0.0039	81.5000	0.3095	0.0188	0.0012	0.0001
83	0.3354	0.0026	82.5000	0.3051	0.0179	0.0008	0.0000
84	0.3594	0.0017	83.5000	0.3008	0.0170	0.0005	0.0000
85	0.3852	0.0011	84.5000	0.2965	0.0162	0.0003	0.0000
86	0.4130	0.0007	85.5000	0.2922	0.0154	0.0002	0.0000
87	0.4428	0.0004	86.5000	0.2880	0.0147	0.0001	0.0000
88	0.4749	0.0002	87.5000	0.2839	0.0140	0.0001	0.0000
89	0.5093	0.0001	88.5000	0.2799	0.0133	0.0000	0.0000
90	0.5461	0.0001	89.5000	0.2759	0.0127	0.0000	0.0000
91	0.5854	0.0000	90.5000	0.2719	0.0121	0.0000	0.0000
92	0.6273	0.0000	91.5000	0.2681	0.0115	0.0000	0.0000
93	0.6719	0.0000	92.5000	0.2642	0.0110	0.0000	0.0000
94	0.7190	0.0000	93.5000	0.2604	0.0104	0.0000	0.0000
95	0.7681	0.0000	94.5000	0.2567	0.0099	0.0000	0.0000
96	0.8192	0.0000	95.5000	0.2531	0.0095	0.0000	0.0000
97	0.8721	0.0000	96.5000	0.2494	0.0090	0.0000	0.0000
98	0.9272	0.0000	97.5000	0.2459	0.0086	0.0000	0.0000
99	0.9849	0.0000	98.5000	0.2424	0.0082	0.0000	0.0000
100	1.0000	0.0000	99.5000	0.2389	0.0078	0.0000	0.0000
101	1.0000	0.0000	100.5000	0.2355	0.0074	0.0000	0.0000
102	1.0000	0.0000	101.5000	0.2321	0.0071	0.0000	0.0000
103	1.0000	0.0000	102.5000	0.2288	0.0067	0.0000	0.0000
104	1.0000	0.0000	103.5000	0.2255	0.0064	0.0000	0.0000
105	1.0000	0.0000	104.5000	0.2223	0.0061	0.0000	0.0000
106	1.0000	0.0000	105.5000	0.2191	0.0058	0.0000	0.0000
107	1.0000	0.0000	106.5000	0.2160	0.0055	0.0000	0.0000
108	1.0000	0.0000	107.5000	0.2129	0.0053	0.0000	0.0000
109	1.0000	0.0000	108.5000	0.2099	0.0050	0.0000	0.0000
110	1.0000	0.0000	109.5000	0.2069	0.0048	0.0000	0.0000
111	1.0000	0.0000	110.5000	0.2039	0.0046	0.0000	0.0000
112	1.0000	0.0000	111.5000	0.2010	0.0043	0.0000	0.0000
113	1.0000	0.0000	112.5000	0.1981	0.0041	0.0000	0.0000
114	1.0000	0.0000	113.5000	0.1953	0.0039	0.0000	0.0000
115	1.0000	0.0000	114.5000	0.1925	0.0037	0.0000	0.0000
116	1.0000	0.0000	115.5000	0.1898	0.0036	0.0000	0.0000
117	1.0000	0.0000	116.5000	0.1871	0.0034	0.0000	0.0000
118	1.0000	0.0000	117.5000	0.1844	0.0032	0.0000	0.0000
119	1.0000	0.0000	118.5000	0.1818	0.0031	0.0000	0.0000
120	1.0000	0.0000	119.5000	0.1792	0.0029	0.0000	0.0000
						25.6100	14.1782

Notes: (a) Based upon the review of standard mortality adjusted to NICA experience levels. The mortality factors are further adjusted to include consideration of likely improvements in mortality over time.
(b) Probability based on mortality decrements in column (2) adjusted to include consideration of 1/2 year of benefit for those deceased during the most recent year.

Estimated Percent of Cerebral Palsy Cases Resulting in NICA Claims
Based on Birthweights 2,500 Grams and Greater

Year	# of Florida Births (a) All Weights	Births (a) Above 2,500 Grams	Births (a) 2,000 to 2,500 Grams	Births (a) 1,500 to 2,500 Grams	NICA Accepted Claims All (b)	NICA Accepted Claims Alive When (b) Accepted	Estimated Births Above 2,500 Grams Covered By NICA (3) X .90
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2009	221,391	202,094	12,131	15,753	17	11	181,885
2010	214,519	195,800	11,690	15,197	12	6	176,220
2011	213,237	194,679	11,517	15,125	14	12	175,211
2012	212,954	194,663	11,344	14,876	11	7	175,197
2013	215,194	196,823	11,526	15,060	11	8	177,141
2014	219,905	200,801	11,786	15,554	13	10	180,721
2015	224,273	204,906	12,021	15,870	21	15	184,415
2016	225,018	205,357	12,348	16,183	10	6	184,821
2017	223,579	203,880	12,361	16,214	18	15	183,492
2018	221,508	202,237	12,112	15,734	28	18	182,013
2019	220,010	200,718	12,159	15,823	21	17	180,646
2009 to 2019	2,411,588	2,201,958	130,995	171,389	176	125	1,981,762
2009 to 2014	1,297,200	1,184,860	69,994	91,565	78	54	1,066,374
2015 to 2019	1,114,388	1,017,098	61,001	79,824	98	71	915,388
2016 to 2019	890,115	812,192	48,980	63,954	77	56	730,973
2017 to 2019	665,097	606,835	36,632	47,771	67	50	546,152

Related to Births Above 2,500

Based on Births above Above 2,500 Grams

Year	Estimated Cerebral Palsy Births Quadruplegias Only (c)	Estimated Cerebral Palsy Births All Types (c)	NICA Claim Frequency per 1,000 Births 2,500 grams and above		Ratio of NICA Accepted Claims to Estimated Cerebral Palsy Claims - Quadruplegias Only		Ratio of NICA Accepted Claims to Estimated Cerebral Palsy Claims - All Types	
	Incl. Congenital Anomalies [(8) / 1,000] X	Incl. Congenital Anomalies [(8) / 1,000] X	All Accepted NICA Claims	Accepted when Alive NICA Claims	All NICA Accepted (6) / (9)	Accepted Claims Alive (7) / (9)	All NICA Accepted (6) / (10)	Accepted Claims Alive (7) / (10)
	(9)	(10)	(11)	(12)	(13)	(14)	(14)	(15)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2009	73	200	0.093	0.060	0.234	0.151	0.085	0.055
2010	70	194	0.068	0.034	0.170	0.085	0.062	0.031
2011	70	193	0.080	0.068	0.200	0.171	0.073	0.062
2012	70	193	0.063	0.040	0.157	0.100	0.057	0.036
2013	71	195	0.062	0.045	0.155	0.113	0.056	0.041
2014	72	199	0.072	0.055	0.180	0.138	0.065	0.050
2015	74	203	0.114	0.081	0.285	0.203	0.104	0.074
2016	74	203	0.054	0.032	0.135	0.081	0.049	0.030
2017	73	202	0.098	0.082	0.245	0.204	0.089	0.074
2018	73	200	0.154	0.099	0.385	0.247	0.140	0.090
2019	72	199	0.116	0.094	0.291	0.235	0.106	0.086
2009 to 2019	793	2,180	0.089	0.063	0.222	0.158	0.081	0.057
2009 to 2014	427	1,173	0.073	0.051	0.183	0.127	0.066	0.046
2015 to 2019	366	1,007	0.107	0.078	0.268	0.194	0.097	0.071
2016 to 2019	292	804	0.105	0.077	0.263	0.192	0.096	0.070
2017 to 2019	218	601	0.123	0.092	0.307	0.229	0.112	0.083
(15) Selected			0.110	0.080	0.270	0.195	0.100	0.072

Notes: (a) Obtained from Florida Vital Statistics Annual Report - 2009 to 2019.

(b) Based on estimates shown in the NICA Loss and LAE Reserve Report - June 30, 2021 - Exhibit X, Sheet 1a.

(c) Selected based on University of Liverpool study - see Exhibit IX, Items (21) and (22).

Summary of Births by Weight - Florida

Births by Weight (grams)											
Year	Less Than 500	500 to 999	1,000 to 1,499	1,500 to 1,999	2,000 to 2,499	2,500 to 2,999	3,000 to 3,499	3,500 to 3,999	Above 4,000	Unknown	# of Florida Births (a)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2009	425	1,377	1,742	3,622	12,131	43,282	89,654	54,963	14,177	18	221,391
2010	418	1,346	1,758	3,507	11,690	42,129	85,806	53,968	13,841	56	214,519
2011	411	1,389	1,633	3,608	11,517	41,624	85,420	53,531	14,065	39	213,237
2012	375	1,310	1,730	3,532	11,344	40,880	85,049	54,085	14,617	32	212,954
2013	380	1,291	1,640	3,534	11,526	41,198	85,482	55,220	14,903	20	215,194
2014	398	1,356	1,796	3,768	11,786	41,797	86,874	56,479	15,625	26	219,905
2015	474	1,306	1,717	3,849	12,021	42,995	88,498	57,414	15,950	49	224,273
2016	449	1,320	1,709	3,835	12,348	43,507	88,787	57,284	15,764	15	225,018
2017	412	1,265	1,808	3,853	12,361	44,122	88,429	56,098	15,216	15	223,579
2018	380	1,320	1,837	3,622	12,112	43,049	87,218	56,473	15,479	18	221,508
2019	426	1,337	1,706	3,664	12,159	43,079	87,334	55,352	14,934	19	220,010
2017 to 2019	1,218	3,922	5,351	11,139	36,632	130,250	262,981	167,923	45,629	52	665,097
(18 A) Estimated 2022 Births											221,699
Year	Births 2000 to 2,499 Grams Col. (6)					Ratio of 2,000 to 2,499 Above 2,499 Sum of (7) to (11)		Ratio of 2,000 to 2,499 Above 2,499 to 3,999 [(5)+(6)]		% Below 2,500 Grams Sum of (2) to (6) / (12)	
(1)	(13)					(14)		(15)		(16)	
2009	12,131					202,094		0.0600		0.7701	
2010	11,690					195,800		0.0597		0.7692	
2011	11,517					194,679		0.0592		0.7615	
2012	11,344					194,663		0.0583		0.7626	
2013	11,526					196,823		0.0586		0.7653	
2014	11,786					200,801		0.0587		0.7577	
2015	12,021					204,906		0.0587		0.7575	
2016	12,348					205,357		0.0601		0.7630	
2017	12,361					203,880		0.0606		0.7624	
2018	12,112					202,237		0.0599		0.7698	
2019	12,159					200,718		0.0606		0.7684	
2017 to 2019	36,632					606,835		0.0604		0.7668	
(18 B) Estimated 2022 Births	12,211					202,278					

Notes: (a) Obtained from Florida Vital Statistics Annual Report - 2009 to 2019.

Prevalence of Cerebral Palsy By Birth Weight (a)
Based on Atlanta Birth Study - 1985 to 2002

Birth Weight Range ----- (1)	Cerebral Palsy per 1,000 Births								
	1985	1986	1988	1992	1994	1996	1998	2000	2002
	----- (2)	----- (3)	----- (4)	----- (5)	----- (6)	----- (7)	----- (8)	----- (9)	----- (10)
I. Less Than 1,500 gr.	65.63	65.71	37.74	44.40	66.40	54.80	66.40	53.70	40.80
II. 1,500 to 2,499 gr.	8.16	7.09	3.10	7.10	5.50	4.10	4.40	3.30	6.20
III. 2,500 gr. And Above	0.74	0.91	0.72	0.60	0.80	1.00	0.70	0.90	0.80
IV. All Weights Combined	1.87	1.99	1.25	1.60	1.90	1.90	2.00	1.80	1.70

Birth Weight Range ----- (1)	CP Incidence Per 1,000 Births							
	Standard Deviation	Simple Average	Low Value	High Value	Avg. - 1 Std. Dev.	Avg. + 1 Std. Dev.	Selected Low	Selected High
	----- (11)	----- (12)	----- (13)	----- (14)	----- (15)	----- (16)	----- (17)	----- (18)
I. Less Than 1,500 gr.	11.73	55.06	37.74	66.40	43.33	66.80	43.50	55.00
II. 1,500 to 2,499 gr.	1.82	5.44	3.10	8.16	3.62	7.26	4.00	7.50
III. 2,500 gr. And Above	0.12	0.80	0.60	1.00	0.67	0.92	0.65	0.95
IV. All Weights Combined	0.24	1.78	1.25	2.00	1.54	2.02	1.50	2.00
V. Ratio of II. To III.		6.83	5.17	8.16	5.38	7.88	6.15	7.89

Notes: (a) Based on a study of children born in metropolitan Atlanta over the period from 1985 to 2002.
Obtained from article by Braun, Doernberg, Schieve, Christiansen, Goodman and Yeargin-Allsop - see
"Birth Prevalence of Cerebral Palsy: A Population Based Study" Pediatrics 2016 - January

Summary of Birth Weight Distributions - Countrywide Versus Florida

	Percent of Births Below 2,500 grams		
	1998 to 2000	2001 to 2003	2001 to 2003
1. United States	0.0759	0.0781	0.0818
2. Florida Only	0.0806	0.0836	0.0867
3. Ratio of Florida to Countrywide Avg.	1.062	1.070	1.060

Summary of Births by Weight - Countrywide

Birthweight	United States All Births 2012 (a)	Pre - Term (a) - 2012				2012 Term (a) 37 - 41 Weeks	2012 Post-Term 42 (a) Weeks and Over	2006 Fetal Mortality Rate per 1,000 Births	Estimated CP Rate per 1,000 Births Low (b)	Estimated CP Rate per 1,000 Births High (b)
		Under 28 Weeks	28 - 31 Weeks	32 - 34 Weeks	34 - 36 Weeks					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
All Births	3,952,841	29,013	47,028	58,673	321,204	3,271,092	225,831	6.05	1.50	2.00
Less than 500 gr.	5,947	5,665	204	12	14	16	36	529.49		
500 to 999 gr.	21,432	15,897	4,850	314	140	163	68	171.72		
1,000 to 1,499 gr.	28,873	3,843	15,603	4,768	2,828	1,558	273	62.80		
1,500 to 1,999 gr.	61,499	748	11,273	18,009	21,618	8,944	907	28.68		
2,000 to 2,499 gr.	197,958	669	3,811	16,025	80,479	91,909	5,065	8.34		
2,500 to 2,999 gr.	721,840	1,176	3,991	8,027	107,600	569,820	31,226	2.21		
3,000 to 3,499 gr.	1,540,161		4,664	7,189	73,832	1,365,338	89,138	0.82		
3,500 to 3,999 gr.	1,058,604		2,460	3,505	27,511	951,949	73,179	0.64		
4,000 to 4,499 gr.	269,581			567	5,786	241,910	21,318	1.29		
4,500 to 4,999 gr.	38,288			99	938	33,823	3,428	1.29		
5,000 gr. or More	4,650			21	199	4,019	411	1.29		
No BW Info.	4,008	1,015	172	137	259	1,643	782			
Subtotals:										
All Categories	3,952,841	29,013	47,028	58,673	321,204	3,271,092	225,831			
2,500 gr. Or More	3,637,132	2,191	11,287	19,545	216,125	3,168,502	219,482			
2,000 to 2,499 gr.	197,958	669	3,811	16,025	80,479	91,909	5,065			
1,999 gr. or Less	117,751	26,153	31,930	23,103	24,600	10,681	1,284			
Less Than 1,500 gr.	56,252	25,405	20,657	5,094	2,982	1,737	377		43.50	55.00
1,500 to 2,499 gr.	259,457	1,417	15,084	34,034	102,097	100,853	5,972		4.00	7.50
2,500 gr. And Above	3,637,132	2,191	11,287	19,545	216,125	3,168,502	219,482		0.65	0.95
% of Births Below 2,500 Grams	7.99%									
Ratio of 2,000 to 2,499 to 2,500 gr. And Above	5.44%	30.53%	33.76%	81.99%	37.24%	2.90%	2.31%			
Ratio of 2,000 to 2,499 to 1,500 to 2,499 gr.	76.30%	47.21%	25.27%	47.09%	78.83%	91.13%	84.81%			

Notes: (a) Based on information from National Vital Statistics Reports, Vol. 62, No. 9, December 30, 2013

(b) All Birth Weights CP rate is based on a variety of sources. The CP rate by Birth Weight range is selected based on data shown in Exhibit VII, Sheet 3.

Ratio of Florida Participating Physicians to Estimated Florida OB/GYN's Performing Deliveries

Year	NICA (a) Participating Physicians	Florida Physicians All (b) Specialties	Florida (b) Physicians OB/GYN's	Estimated % of (b) OB/GYN's Performing Deliveries Based on Survey	Estimate of Number of OB/GYN's Performing Deliveries (4) X.70	Indicated Percent of OB/GYN's Performing Deliveries Covered By NICA (2) / (6)
----- (1)	----- (2)	----- (3)	----- (4)	----- (5)	----- (6)	----- (7)
2005	891					
2006	897					
2007	963					
2008	987					
2009	1,044					
2010	1,071			73.90%		
2011	1,091			70.60%		
2012	1,119			71.40%		
2013	1,143	43,406	1,851	68.80%	1,296	88.21%
2014	1,208	43,957	N/A	N/A		
2015	1,273	44,685	N/A	N/A		
2016	1,318	45,746	N/A	N/A		
2017	1,356	45,995	1,815	63.00%	1,271	106.73%
2018	1,420	50,561	N/A	N/A		
2019	1,501	51,370	N/A	N/A		
2020	1,575	53,002	2,396	N/A	1,677	93.91%
2021	1,543					
Total of 2013, 2017 & 2020	4,074		6,062		4,243	96.01%
		(8) Selected Percent Covered By NICA				90.00%

Notes: (a) Provided by NICA.

(b) From 2013, 2017 and 2020 Florida Physician Workforce Annual Reports.

Summary of Cerebral Palsy Births by Weight - United Kingdom (a)

					Segregated by Type			
Time Period	Birth Weight Range (Grams)	Number of Live Births	Number of Neonatal Survivors	All Cerebral Palsy Types	Paralysis of One - Side	Paralysis of Both Arms or Both Legs	Paralysis of Both Arms and Both Legs	Other
					Hemiplegias	Diplegias	Quadriplegias	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1967 - 1975	< 1500	2,720	1,093	33	5	18	10	0
	1501 - 2500	21,972	20,686	118	27	46	37	8
	> 2500	324,627	319,649	381	120	56	153	52
	Total	349,319	341,428	532	152	120	200	60
1976 - 1984	< 1500	2,035	1,266	88	26	38	22	2
	1501 - 2500	15,143	14,792	145	43	50	47	5
	> 2500	262,043	261,144	268	110	26	98	34
	Total	279,221	277,202	501	179	114	167	41
					Rate per 1,000 Live Births Segregated by Type			
				All Types	Hemiplegias	Diplegias	Quadriplegias	Other
				(10)	(11)	(12)	(13)	(14)
1967 - 1975	< 1500			12.13	1.84	6.62	3.68	0.00
	1501 - 2500			5.37	1.23	2.09	1.68	0.36
	> 2500			1.17	0.37	0.17	0.47	0.16
	Total			1.52	0.44	0.34	0.57	0.17
1976 - 1984	< 1500			43.24	12.78	18.67	10.81	0.98
	1501 - 2500			9.58	2.84	3.30	3.10	0.33
	> 2500			1.02	0.42	0.10	0.37	0.13
	Total			1.79	0.64	0.41	0.60	0.15
					Ratio of Rate per 1,000 to Rate per 1,000 for B W above 2,500 Grams			
				All Types	Hemiplegias	Diplegias	Quadriplegias	Other
				(15)	(16)	(17)	(18)	(19)
1967 - 1975	< 1500			10.34	4.97	38.36	7.80	0.00
	1501 - 2500			4.58	3.32	12.14	3.57	2.27
	> 2500			1.00	1.00	1.00	1.00	1.00
	Total			1.30	1.18	1.99	1.21	1.07
1976 - 1984	< 1500			42.28	30.44	188.20	28.91	7.57
	1501 - 2500			9.36	6.76	33.28	8.30	2.54
	> 2500			1.00	1.00	1.00	1.00	1.00
	Total			1.75	1.53	4.11	1.60	1.13
(20) Selected Cerebral Palsy Cases per 1,000 Births - All Types - Related to Births Above 2,500 Grams								1.10
(21) Selected Cerebral Palsy Cases per 1,000 Births - Quadraplegias Only - Above 2,500 Grams								0.40
(22) Selected Relativity - Rate per 1,000 Birth - All Types - 1,500 to 2,500 Rel. to > 2,500								9.00
(23) Selected Relativity - Rate per 1,000 Birth - Quadraplegias Only - 1,500 to 2,500 Rel. to > 2,500								8.00

Notes: (a) Based on a report prepared by the Department of Public Health, University of Liverpool. The data is a register of infants with cerebral palsy born over the period from 1967 to 1984



October 21, 2021

NICA

Tim Daughtry, Deputy Director

PO Box 14567

Tallahassee, FL 32317

Re: Analysis Payment Time for Fiscal Year Ending 2021

Dear Mr. Daughtry:

The Florida Neurological Injury Association (NICA) asked Madison Consulting Group (MCG) to assist in designing a random sampling approach to measure the average time for paying claims for fiscal year ending 2021. This report describes that sampling and its results.

INTRODUCTION

SB1786 requires NICA to prepare a report to senior officials in the State on or before November 1, 2021 and annually thereafter. This report is to include the average time for paying or denying claims.

I understand NICA is in the process of enhancing its data systems to automatically capture the required information, however no such data was captured in the past. As a result, the determination of average time for paying claims for fiscal year 2021 requires time intensive review of the circumstances of each transaction across several data and filing systems.

RESULTS

The sampling analysis indicated an average time to pay claim transactions of 2.5 business days with a range of sampling error of ± 0.8 business days.

The sampling analysis generally indicates quick turnaround time (i.e., an average of three workdays or less) for most types of transaction. The exceptions to this are large dollar transactions

associated with the purchase of equipment, vehicles, or housing modifications. These transactions are often complex and inherently involve delays to complete (e.g., customization of vehicles and equipment takes time, construction of a home has to be advanced before ramps can be installed etc.).

The results are based on a random sample of 405 transactions from a total of 13,871 transactions for fiscal year ending 2021.

AUTHOR

This report was prepared by Mark Crawshaw, Ph.D., FCAS, MAAA. I am a member of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

METHODOLOGY

The sampling proceeded as follows:

1. NICA provided MCG with a list of all payment transactions for FYE 2021. This contained 13,434 records. NICA also provided a second list of 1,769 miscellaneous transactions. This latter file included payments for death benefits. In addition, it included ongoing payments for health insurance and other miscellaneous periodic payments mostly to insurance companies and other third-party vendors. The second set of transactions are inherently simpler for NICA to process as they generally involve either a definite benefit award or else a recurring payment. This second set was sampled separately using the approach described in (17) below. Items (2) through (16) describe the sampling for the first set of transactions.
2. MCG removed from consideration all transactions for parental awards made in June 2021. Almost all of these are retrospective payments resulting from SB 1786 and involved NICA seeking out beneficiaries rather than responding to a demand for payment.
3. MCG removed from consideration records related to payments to NICA's doctors for medical examinations to determine compensability. These transactions do not represent claim payments.

4. MCG removed all transactions for federal express bills as they are not payments to claimants.
5. MCG removed all transactions involving payments to NICA (i.e., transactions less than \$0).
6. After the adjustments above, we were left with 12,865 transactions from the first set of transactions with an aggregate amount of \$22,245,207.
7. MCG assigned a random number between 0 and 1 to each transaction using the random number generator in Excel. Once determined, these numbers were fixed for each transaction.
8. MCG discussed with NICA the complexity of issues in processing payments based on their dollar amount and the category they pertain to. Based on this, MCG decided to stratify the data according to inherent complexity (A = simplest; C = most complex) and amount of the transaction:

Size Group	Amount of The Transaction	
	From	To
1	\$0	\$500
2	500	1,000
3	1,000	2,500
4	2,500	5,000
5	5,000	100,000
6	100,000	250,000

9. The scheme above resulted in 11 strata (i.e., A1...A6, C1...C5 – there were no transactions in C6).
10. MCG ordered the transactions in each stratum based on the random number in (7) and labeled them as A1-1, A1-2..., A2-1...etc.

11. MCG instructed NICA to take an initial sample and record data for the first ten records in each stratum suitable to determine the time to pay the transaction. NICA also recorded the time taken to gather the required information.
12. NICA and MCG discussed the initial sample and the meaning of the dates recorded. MCG then expanded the sample size based on the variability expected in the data, the variability observed in the initial sample, and the time involved in researching the issues for each stratum. The expanded sample was designed to (a) examine all transactions in size groups 5 and 6, (b) provide a reliable estimate of average payment time, (c) be efficient and minimize time and resource required to conduct the study. With the expansion a total of 389 records were sampled from the test file of transactions.
13. NICA completed the expanded sample.
14. MCG analyzed the results and identified about 20 outliers for further research by NICA.
15. In some cases, the further research in (14) resulted in modification to the initial indication, in others it did not. In these later cases the payment times appeared to be the result of complex situations often involving multiple parties.
16. The second set of transactions was analyzed in a similar way. Transactions not associated with delays in claim payments were removed from consideration. Transactions so removed included payments to Federal express (609 transactions), transactions for less than \$0 (148 transactions) and retroactive death benefits paid based on SB1786. After this there remained 6 transactions related to death benefits all of which were sampled, and 1,000 other transactions of which 10 were sampled. These transactions have an aggregate dollar amount of \$373,160.
17. The results for the first group were computed using standard statistical methods for stratified random sample. The results for the second group were based on a simple random sample (these transactions were typically small dollar amounts and mostly involved premium payments to health insurance companies). The result were then combined for both groups.
18. The sampling error was computed as twice the standard error.

NOTE ON DEFINING A AND C GROUPS OF PAYMENT TYPES

The various transactions were categorized between A and C as follows:

Compensability Exam	A
Custodial Day Care	A
Drugs	A
Equipment	C
Family Care	A
Housing	C
Initial Hospital	C
Nursing Care by Other	A
Nursing Care by Parent	A
Parental Award	A
Physician Charges	C
Repeat Hospital	C
Supplies	A
Therapy	C
Transportation & Travel	A
Transportation-Insurance	A
Transportation-Maintenance	A
Transportation-Mileage	A
Transportation-Purchase	C

NOTES ON DEFINING TIME FOR PAYMENT

In the sampling, NICA captured one or more of the following dates for each transaction:

Type	Description
Request	Date NICA was first aware of a request for payment.
Document	Date NICA was presented with supporting documents for the payment
Authorization	Date NICA authorized the request/payment
Invoice	Date on any invoice that was presented to NICA
DOS Start	Date service provided began
DOS End	Date service provided ended
Received	Date an item was received by the beneficiary
Payment	Date payment made

Depending on the availability of the dates and the type of service or product we computed the time to payment as follows:

Custodial Day Care, Family Care, Nursing – Parent, Nursing -Other, Therapy: We measured the time from later of the request, document, invoice, and DOS end date (whichever of these dates was present); to the payment date. We understand that typically the service provider includes a time sheet as documentation and invoice however payment is not made until service has been provided.

Parental Award: We measured the time from the later of the time the award was made and the request date; to the payment data. We understand some parents request their award be paid out periodically rather than as a lump sum, to the payment data.

Repeat Hospital, Supplies: We measured the time from the later of the request and invoice dates, to the payment date.

Transportation-Purchase: We measured the time from the earlier of the request, document, or invoice date; to the earlier of the payment, received or approved date. We believe this reasonably captures any processing delays caused by NICA considering the variety of circumstances involved with a vehicle purchase (e.g., reimbursement for an existing purchase, authorization to make a purchase etc.).

Equipment, Housing (Complex): We measured the time from request to approval. Our understanding that these types of expense typically involve contractor or vendor delays that are out of NICA's control once it has approved the purchase.

Physician Charges, Housing (Simple): We measured time from request to payment.

We varied this process for a handful of transactions with special circumstances. The most significant was for payments to a robotics firm where NICA suggests and leads caregivers to consider the company's products and where the delivery time may be extended due to the customization of the product. For this situation, we measured the time from the invoice date to the payment date.

In all situations, we were guided by the principle that we should measure delays in processing within NICA's control. We tried to exclude delay caused by other contractors or vendors.

Mark Crawshaw, Ph.D., FCAS, MAAA
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Agenda Item # 6.A. (Tab U)

Reserve Evaluation and Claim Status March 2021



MADISON CONSULTING GROUP

Actuaries • Property/Casualty Consulting Services

August 30, 2021

Ms. Kenney Shipley
Executive Director
Florida Birth Related Neurological
Injury Compensation Association
2360 Christopher Place, Suite 1
Tallahassee, Florida 32308

Re: NICA Outstanding Loss Reserves – Evaluated as of March 31, 2021

Dear Ms. Shipley:

I have reviewed the analysis of the NICA outstanding loss reserves as of March 31, 2021 performed by Turner Consulting. This letter describes the results of that review.

Qualifications

The review was conducted under my direction. I am a Fellow of the Casualty Actuarial Society, a Member of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained in this letter.

Conclusions

SB 1786: In May 2021, the Florida Legislature passed Senate Bill 1786 (SB 1786), which resulted in changes to the benefit obligations of NICA. In addition to the explicit benefit modifications included in SB 1786, there is a requirement for the review of the current interaction between NICA and Medicaid. These changes are expected to result in substantial one time increases in NICA's paid losses and loss reserves, as well as substantial long-term increases in NICA's financial obligations.

Partial Recognition of SB 1786 in NICA's Reserves: The reserves discussed in this letter were computed based on laws and regulations in place as of March 31, 2021 and the quantifiable impacts of SB 1786 on the claims incurred through March 31, 2021. In addition to these quantifiable changes, there are further changes related to NICA's interaction with Medicaid that require action and decisions from public officials before they can be quantified. Once definite policies and procedures are put into place, the full impact of SB 1786 will be included in estimates of NICA's outstanding loss and LAE reserves. For more information regarding SB 1786, please refer to Turner Consulting's actuarial report beginning on page 9.

Reserves: I have concluded that the reserves were reasonably computed based on the stated assumptions. The key assumption is a 1.5% differential between the interest discount rate and the rate of inflation impacting future payments. This assumption remains unchanged from prior analyses. There is no change to the risk margin of \$75.5 million from the December 31, 2020 analysis. Additionally, the methodology used to determine the reserves is consistent with the methodology used by Turner Consulting in the December 31, 2020 analysis.

Observations: Attachment 1a summarizes NICA's claims payments and reserves over time. The current reserve for loss and loss adjustment expenses is \$954.4 million plus an additional amount of \$125.2 million on account of the quantifiable features of SB 1786 (Attachment 1a, Row 5). Excluding the addition for SB 1786, this is an increase of \$1.9 million above the reserve as of December 31, 2020 (Attachment 1b, Row 6). The average reserve per outstanding count excluding SB 1786 has remained relatively stable at about \$3.7 million since December 31, 2016 (Attachment 1b, Row 11).

Of the \$125.5 million addition to reserves due to SB 1786, over \$50 million is associated with retroactive benefits that will likely be paid soon. For this reason, we expect that NICA's loss payments will be substantially increased in the next few quarters before settling down again to a steady, though elevated level.

As of March 31, 2021, SB 1786 has not yet impacted NICA's payments. Paid loss amounts per quarter had been increasing since September 30, 2019 (Attachment 1a, Row 13). While there was a decrease in the paid losses during the fourth quarter of 2020, the paid losses in the current quarter increased from the prior quarter (Attachment 1a, Row 13).

Attachment 2 provides an accounting of the changes in outstanding counts. An increase in the number of outstanding open claims during the first quarter of 2021 follows a decrease

in the number of outstanding open counts during the fourth quarter of 2020 (Attachment 2, Row 3).

Attachment 3 shows how the annual number of accepted claims has changed over time. The upper chart excludes children who were deceased at the time the claims were reported. The lower chart shows the number of children who were deceased at the time the claims were reported. Both charts show growth and random fluctuations in number of claims since 2012.

Please let me know if you have any questions or comments.



Mark Crawshaw, Ph.D., FCAS, MAAA

Madison Consulting Group, Inc.

200 N. Second Street

Madison, GA 30650

706-342-7750

mark.crawshaw@madisoninc.com

**SUMMARY OF NICA CLAIMS PAYMENTS AND RESERVES
INCLUDING RESERVES DUE TO SENATE BILL 1786**
(\$ MILLIONS)

Item	12/31/2016	3/31/2017	6/30/2017	9/30/2017	12/31/2017	3/31/2018	6/30/2018	9/30/2018	12/31/2018
(1) Case Reserves (a)	\$ 552.9	\$ 539.2	\$ 537.3	\$ 540.9	\$ 547.6	\$ 550.3	\$ 556.0	\$ 556.9	\$ 576.6
(2) IBNR Reserve (a)	273.3	267.4	268.4	265.5	266.8	266.2	263.7	266.1	266.7
(3) Subtotal (a)	826.2	806.6	805.7	806.4	814.4	816.5	819.7	823.1	843.3
(4) ULAE Reserves (a)	11.1	11.1	11.1	12.7	12.8	12.8	12.7	12.6	13.2
(5) Total Reserves	837.3	817.7	816.8	819.1	827.1	829.3	832.4	835.7	856.5
(6) - Change in Quarter	15.9	(19.6)	(0.9)	2.4	8.0	2.1	3.1	3.3	20.8
(7) Open Accepted Counts (b)	196	191	191	195	194	197	201	198	201
(8) IBNR Counts Excluding DA (b)	30	33	33	32	29	30	30	31	31
(9) Total Outstanding Counts	226	224	224	227	223	227	231	229	232
(10) - Change in Quarter	6.0	(2.0)	-	3.0	(4.0)	4.0	4.0	(2.0)	3.0
(11) Average Reserve [(5) / (9)]	\$ 3.70	\$ 3.65	\$ 3.65	\$ 3.61	\$ 3.71	\$ 3.65	\$ 3.60	\$ 3.65	\$ 3.69
(12) Paid Loss (a)	205.2	210.3	214.5	218.4	222.8	227.1	231.8	236.1	240.4
(13) - Change in Quarter	4.3	5.1	4.2	3.9	4.4	4.3	4.7	4.3	4.3
(14) Incurred in Quarter [(6) + (13)]	\$ 20.2	\$ (14.5)	\$ 3.3	\$ 6.3	\$ 12.4	\$ 6.4	\$ 7.8	\$ 7.6	\$ 25.1
(15) Average Open Count	193	194	191	193	195	196	199	200	200
(16) Average Paid Per Open Count	\$ 0.022	\$ 0.026	\$ 0.022	\$ 0.020	\$ 0.023	\$ 0.022	\$ 0.023	\$ 0.022	\$ 0.022

Notes:
(a) Turner Exhibit I, Sheet 1 (Sheet 1a for evaluations prior to 3/31/2021.)
(b) Turner Exhibit X, Sheet 1e (Sheet 1d for evaluations prior to 6/30/2020.)

**SUMMARY OF NICA CLAIMS PAYMENTS AND RESERVES
INCLUDING RESERVES DUE TO SENATE BILL 1786**
(\$ MILLIONS)

Item	3/31/2019	6/30/2019	9/30/2019	12/31/2019	3/31/2020	6/30/2020	9/30/2020	12/31/2020	3/31/2021
(1) Case Reserves (a)									
(2) IBNR Reserve (a)	\$ 577.8	\$ 576.5	\$ 573.9	\$ 611.8	\$ 620.3	\$ 628.3	\$ 637.2	\$ 663.9	\$ 665.1
(3) Subtotal (a)	263.6	259.5	266.2	292.0	296.8	296.3	301.4	273.7	399.5
(4) ULAE Reserves (a)	841.4	836.0	840.1	903.8	917.1	924.7	938.6	937.6	1,064.6
(5) Total Reserves	13.2	12.2	12.1	14.4	14.4	14.3	14.2	14.9	15.0
(6) - Change in Quarter	854.6 (1.9)	848.2 (6.4)	852.2 4.0	918.1 65.9	931.5 13.4	939.0 7.5	952.8 13.8	952.5 (0.3)	1,079.6 127.1
(7) Open Accepted Counts (b)	205	210	212	217	224	229	233	227	230
(8) IBNR Counts Excluding DA (b)	32	32	31	28	27	28	29	29	29
(9) Total Outstanding Counts	237	242	243	245	251	257	262	256	259
(10) - Change in Quarter	5.0	5.0	1.0	2.0	6.0	6.0	5.0	(6.0)	3.0
(11) Average Reserve [(5) / (9)]	\$ 3.61	\$ 3.51	\$ 3.51	\$ 3.75	\$ 3.71	\$ 3.65	\$ 3.64	\$ 3.72	\$ 4.17
(12) Paid Loss (a)	244.6	248.6	253.4	258.1	262.8	268.4	274.1	279.0	284.7
(13) - Change in Quarter	4.2	4.0	4.8	4.7	4.7	5.6	5.7	5.0	5.7
(14) Incurred in Quarter [(6) + (13)]	\$ 2.3	\$ (2.4)	\$ 8.8	\$ 70.6	\$ 18.1	\$ 13.1	\$ 19.5	\$ 4.7	\$ 132.7
(15) Average Open Count	203	208	211	215	221	227	231	230	229
(16) Average Paid Per Open Count	\$ 0.021	\$ 0.019	\$ 0.023	\$ 0.022	\$ 0.021	\$ 0.025	\$ 0.024	\$ 0.022	\$ 0.025

Notes:
(a) Turner Exhibit I, Sheet 1 (Sheet 1a for evaluations prior to 3/31/2021.)
(b) Turner Exhibit X, Sheet 1e (Sheet 1d for evaluations prior to 6/30/2020.)

**SUMMARY OF NICA CLAIMS PAYMENTS AND RESERVES
EXCLUDING RESERVES DUE TO SENATE BILL 1786**
(\$ MILLIONS)

Item	12/31/2016	3/31/2017	6/30/2017	9/30/2017	12/31/2017	3/31/2018	6/30/2018	9/30/2018	12/31/2018
(1) Case Reserves (a)	\$ 552.9	\$ 539.2	\$ 537.3	\$ 540.9	\$ 547.6	\$ 550.3	\$ 556.0	\$ 556.9	\$ 576.6
(2) IBNR Reserve (a)	273.3	267.4	268.4	265.5	266.8	266.2	263.7	266.1	266.7
(3) Subtotal (a)	826.2	806.6	805.7	806.4	814.4	816.5	819.7	823.1	843.3
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(6) - Change in Quarter	15.9	(19.6)	(0.9)	2.4	8.0	2.1	3.1	3.3	20.8
(7) Open Accepted Counts (b)	196	191	191	195	194	197	201	198	201
(8) IBNR Counts Excluding DA (b)	30	33	33	32	29	30	30	31	31
(9) Total Outstanding Counts	226	224	224	227	223	227	231	229	232
(10) - Change in Quarter	6.0	(2.0)	-	3.0	(4.0)	4.0	4.0	(2.0)	3.0
(11) Average Reserve [(5) / (9)]	\$ 3.70	\$ 3.65	\$ 3.65	\$ 3.61	\$ 3.71	\$ 3.65	\$ 3.60	\$ 3.65	\$ 3.69

Notes:
(a) Turner Exhibit I, Sheet 3a (Sheet 1a for evaluations prior to 3/31/2021.)
(b) Turner Exhibit X, Sheet 1e (Sheet 1d for evaluations prior to 6/30/2020.)

**SUMMARY OF NICA CLAIMS PAYMENTS AND RESERVES
EXCLUDING RESERVES DUE TO SENATE BILL 1786**
(\$ MILLIONS)

Item	3/31/2019	6/30/2019	9/30/2019	12/31/2019	3/31/2020	6/30/2020	9/30/2020	12/31/2020	3/31/2021
(1) Case Reserves (a)									
(2) IBNR Reserve (a)	\$ 577.8	\$ 576.5	\$ 573.9	\$ 611.8	\$ 620.3	\$ 628.3	\$ 637.2	\$ 663.9	\$ 665.1
(3) Subtotal (a)	263.6	259.5	266.2	292.0	296.8	296.3	301.4	273.7	274.3
(4) ULAE Reserves (a)	841.4	836.0	840.1	903.8	917.1	924.7	938.6	937.6	939.4
(5) Total Reserves	13.2	12.2	12.1	14.4	14.4	14.3	14.2	14.9	15.0
(6) - Change in Quarter	854.6 (1.9)	848.2 (6.4)	852.2 4.0	918.1 65.9	931.5 13.4	939.0 7.5	952.8 13.8	952.5 (0.3)	954.4 1.9
(7) Open Accepted Counts (b)	205	210	212	217	224	229	233	227	230
(8) IBNR Counts Excluding DA (b)	32	32	31	28	27	28	29	29	29
(9) Total Outstanding Counts	237	242	243	245	251	257	262	256	259
(10) - Change in Quarter	5.0	5.0	1.0	2.0	6.0	6.0	5.0	(6.0)	3.0
(11) Average Reserve [(5) / (9)]	\$ 3.61	\$ 3.51	\$ 3.51	\$ 3.75	\$ 3.71	\$ 3.65	\$ 3.64	\$ 3.72	\$ 3.68

Notes:
(a) Turner Exhibit I, Sheet 3a (Sheet 1a for evaluations prior to 3/31/2021.)
(b) Turner Exhibit X, Sheet 1e (Sheet 1d for evaluations prior to 6/30/2020.)

CHANGE IN CLAIM COUNTS BY QUARTER

Item	Change in Quarter Ending									
	12/31/2016	3/31/2017	6/30/2017	9/30/2017	12/31/2017	3/31/2018	6/30/2018	9/30/2018	12/31/2018	
(1) Reported Claims (a)	10	9	10	10	14	13	15	11	13	
(2) Denied Claims [(1) - (3)]	2	11	6	6	8	11	9	11	11	
(3) Accepted Claims (b)	8	(2)	4	4	6	2	6	-	2	
(4) Closed Claims (Deceased) [(3) - (5)]	1	3	4	4	2	3	2	3	(1)	
(5) Open Accepted Count (c)	7	(5)	-	-	4	(1)	3	(3)	3	
(6) IBNR Claims Excluding DA (d)	(1)	3	-	-	(1)	(3)	-	1	-	
(7) Change in Outstanding Counts [(5) + (6)]	6	(2)	-	-	3	(4)	4	(2)	3	

Notes:

The above figures are the difference of amounts from successive reports.

(a) Turner Exhibit X, Sheet 1b, Column (3).

(b) Turner Exhibit X, Sheet 1b, Column (2).

(c) Turner Exhibit X, Sheet 1e, Column (5).

(d) Turner Exhibit X, Sheet 1e, Column (7).

CHANGE IN CLAIM COUNTS BY QUARTER

Item	Change in Quarter Ending									
	3/31/2019	6/30/2019	9/30/2019	12/31/2019	3/31/2020	6/30/2020	9/30/2020	12/31/2020	3/31/2021	
(1) Reported Claims (a)	10	9	11	21	13	14	12	11	10	
(2) Denied Claims [(1) - (3)]	6	3	7	11	6	5	7	13	7	
(3) Accepted Claims (b)	4	6	4	10	7	9	5	(2)	3	
(4) Closed Claims (Deceased) [(3) - (5)]	-	1	2	5	-	4	1	4	-	
(5) Open Accepted Count (c)	4	5	2	5	7	5	4	(6)	3	
(6) IBNR Claims Excluding DA (d)	1	-	(1)	(3)	(1)	1	1	-	-	
(7) Change in Outstanding Counts [(5) + (6)]	5	5	1	2	6	6	5	(6)	3	

Notes:

The above figures are the difference of amounts from successive reports.

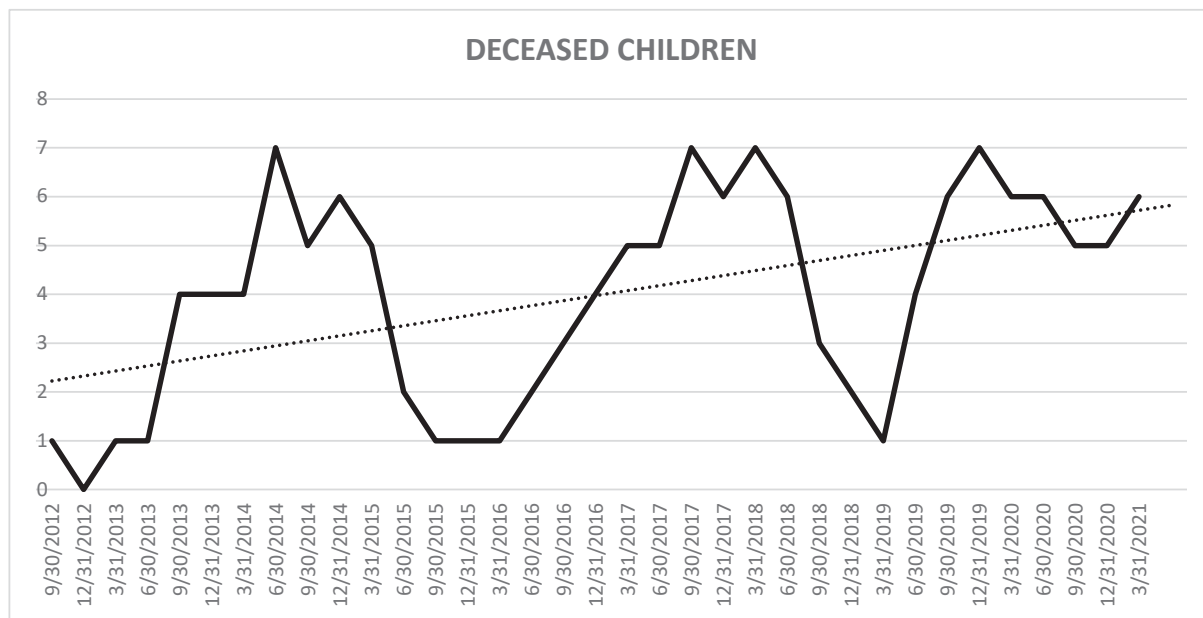
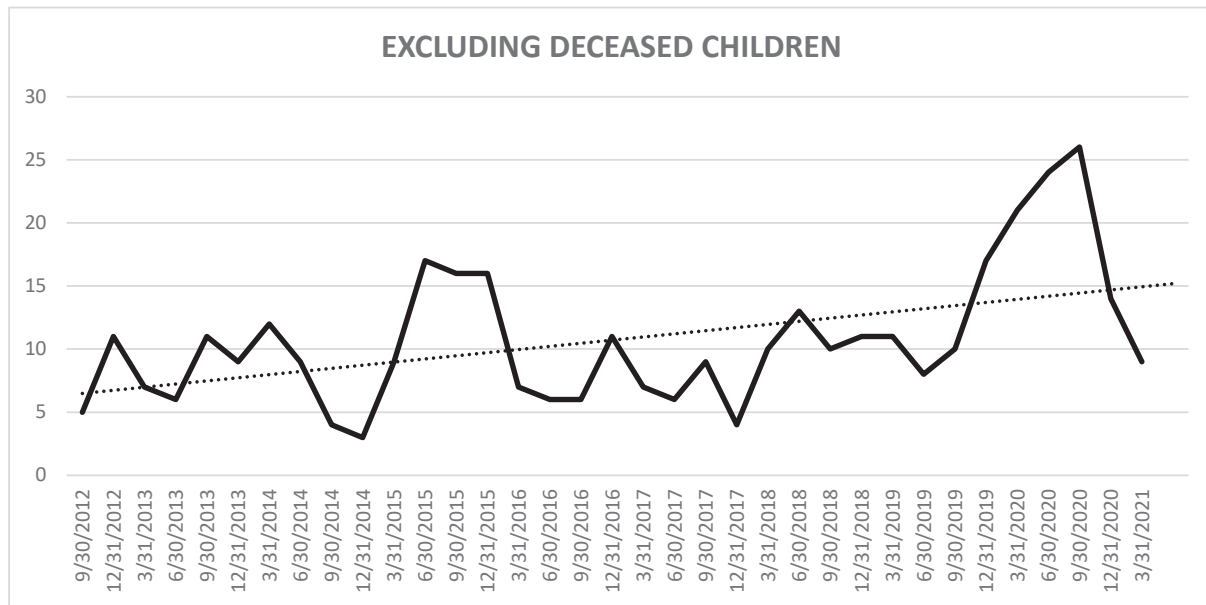
(a) Turner Exhibit X, Sheet 1b, Column (3).

(b) Turner Exhibit X, Sheet 1b, Column (2).

(c) Turner Exhibit X, Sheet 1e, Column (5).

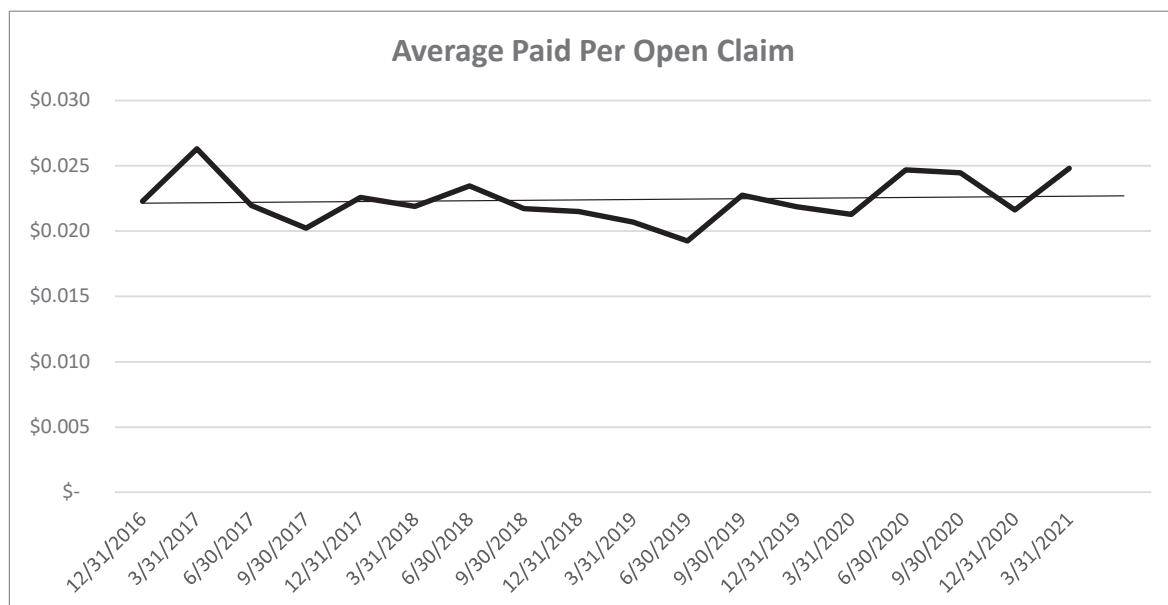
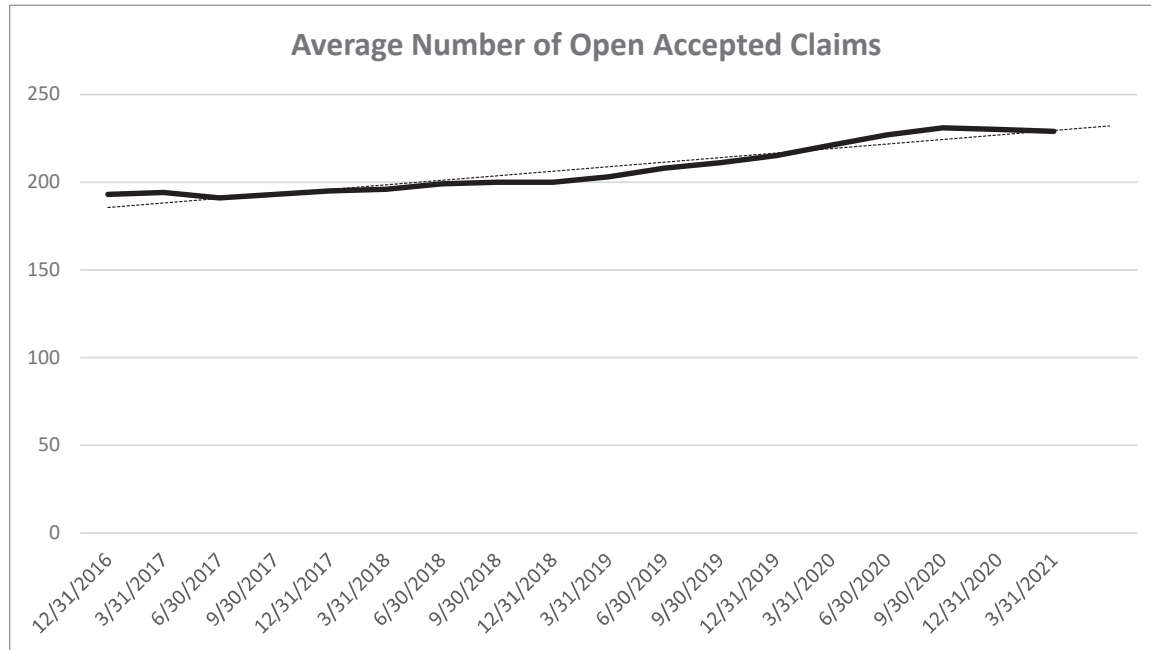
(d) Turner Exhibit X, Sheet 1e, Column (7).

TIME SERIES OF NICA NEW ACCEPTED CLAIM COUNTS (ROLLING YEAR BASIS)



Source: Turner Exhibit X, Sheet 1b; difference of successive annual reports.

TIME SERIES OF OPEN ACCEPTED CLAIMS & AVERAGE PAID PER OPEN CLAIM



Source: Attachment 1a

**FLORIDA BIRTH RELATED NEUROLOGICAL INJURY
COMPENSATION ASSOCIATION
REVIEW OF OUTSTANDING LOSS RESERVES
EVALUATED AS OF MARCH 31, 2021**

**Turner Consulting, Inc.
July, 2021**

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July 22, 2021

Ms. Kenney Shipley
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Florida Birth Related Neurological
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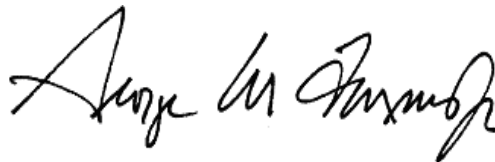
Re: NICA Outstanding Loss Reserves – Evaluated as of March 31, 2021

Dear Ms. Shipley:

Please find enclosed our report on loss and loss adjustment expense (LAE) reserves established for the Florida Birth Related Neurological Injury Association (NICA) as of March 31, 2021.

We have enjoyed working with you on this project and look forward to discussing any questions or comments you may have.

Sincerely,



George W. Turner Jr.
Fellow of the Casualty Actuarial Society,
Member of the American Academy of Actuaries

Cc: Tim Daughtry, Mark Crawshaw

**FLORIDA BIRTH RELATED NEUROLOGICAL INJURY ASSOCIATION
REVIEW OF OUTSTANDING LOSS RESERVE
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INTRODUCTION

Purpose

Turner Consulting, Inc. (Turner Consulting) was requested by the Florida Birth Related Neurological Injury Compensation Association (NICA) to estimate the outstanding loss and loss adjustment expense (LAE) reserves related to claims incurred by NICA under the current definition of a “birth related neurological injury” as contained in Florida Statute 766.302. The loss and LAE reserve estimate relates to claims incurred prior to and evaluated as of March 31, 2021. The loss and LAE reserve estimates are developed on both a current (2021) cost level basis and after consideration of prospective period inflation and anticipated investment income.

Background

NICA was created by Florida Statute to provide care for children beginning in 1989 that meet the birth related injury criteria as defined in Florida Statutes 766.301 to 766.316. The NICA statute replaces the traditional tort liability remedies with a no-fault type system for those children that meet the requirements as defined in the statute.

The qualifying child must be severely mentally and physically impaired. In addition, a claim must be filed within five years after birth. Prior to the 1994 birth year, a claim had to be filed within seven years of birth.

Care is provided for the life of the child. Funds are collected from the various medical care providers during each birth year and invested until payments are required on behalf of the qualifying claimants. There are very limited resources for collecting additional funds from the insurance industry and the Florida Office of Insurance Regulation in the event the funds collected from the medical care providers are not adequate. Due to the significant time period expected between

the time when funds are collected and actual benefits are paid, the estimated impact of inflation and anticipated investment income must be considered in the establishment of overall loss and LAE reserve levels.

In reports issued prior to September 30, 2012 certain care provided by parents or guardians to claimants paid for by NICA was described as “family care”. While the estimates as developed in the prior reports as well as in the current report are based on a review of all amounts paid and case reserves established related to all care as covered under the NICA statutes, a separate estimate of the amounts related to “family care” was also shown. In the more recent reports a separate estimate is no longer shown for the expense previously labeled as “family care” other than the segregation of amounts estimated for the retrospective portion of the class action settlement as described in the next paragraph. However, a separate estimate of the reserve amounts related to “family residential or custodial care” as defined in Florida Statute 766.302 (10) will be calculated for purposes of the threshold calculation as described in Florida Statute 766.314 (9). This statute specifically excludes benefits related to “family residential or custodial care” for purposes of the threshold calculation contained in the statute.

A class action settlement agreement was entered into during September 2012 which was approved pursuant to a November 26, 2012 Final Judgment and Order by the Florida Circuit Court. The settlement terms may impact benefits payable to all parents or guardians of a child born with a “birth-related neurological injury” in the State of Florida during the time period of January 1, 1989 through June 6, 2002, who obtained a final order which imposed on NICA the “continuing obligation under provisions of Section 766.31, Florida Statutes, to pay future expenses as incurred”. The estimated impact on the case reserves of this settlement agreement was incorporated into the case reserve estimates as provided by NICA. The impact is separated into estimates related to the retrospective portion of the settlement (currently defined as prior to August 1, 2012) and the prospective portion of the settlement (currently defined as subsequent to July 31, 2012). It is our

understanding that the majority of the retrospective portion has been paid as of March 31, 2021. Absent a minimal case reserve on one open claim, the retrospective portion of the settlement has been paid based on information submitted in writing to NICA by class members that either NICA agrees to pay or is ordered to pay by an administrative law judge. Other than the one open claim, the reserve estimates as shown in the attached exhibits no longer include a separate reserve estimate for the retrospective portion of the settlement agreement.

In May 2021, the Florida Legislature passed Senate Bill 1786 (SB 1786), which resulted in changes to the financial obligations of NICA. These changes were not reflected in the reserve estimates developed in prior actuarial reports. This current report includes an estimate of the impact of explicit changes set forth in SB 1786. In addition to these explicit changes, SB 1786 includes requirements for additional study and potential changes to the allocation of expenses previously and currently paid by Medicaid. Since the final report on Medicaid related expenses is not due until November 1, 2021 an estimate with regard to the impact on Medicaid related items would be speculative at this time, and for this reason are not included in the reserve estimates in this report .

Qualifications

I, George W. Turner Jr. am a consulting actuary for Turner Consulting, Inc. I am a Fellow of the Casualty Actuarial Society and a member of the American Academy of Actuaries and I meet the Qualification Standards of the American Academy of Actuaries to render the opinions as expressed in this report.

Distribution and Use

This report is intended solely for the use of NICA and its Board of Directors and advisors. Any further use or distribution of this report is not intended or authorized without our prior written consent.

Conditions and Limitations

In preparing the estimates as shown in this report we relied without audit or verification on loss, exposure and expense information provided to us by responsible employees of NICA.

The indicated ultimate loss and LAE estimates provided in this report are based on the accuracy of the loss projection methods including the estimation of claim frequency and average claim size for each birth year. In addition, the final loss and LAE reserve estimates will be affected by the prospective period inflation and investment returns realized by NICA. The combined impact of these factors results in a significant degree of uncertainty in the estimated NICA loss and LAE reserve evaluated as of March 31, 2021. This uncertainty arises from the estimation many internal and external factors that have yet to occur or be reported, but which will impact the ultimate settlement value of claims incurred prior to March 31, 2021. Due to the level of uncertainty of the impact of these factors on the ultimate number and settlement value of losses incurred by NICA, there can be no guarantee that actual losses will not vary, perhaps significantly, from the estimates shown in this report. However, we have employed actuarial methods and assumptions that are appropriate given the information as provided.

The loss and LAE reserve estimates shown in this report reflect consideration of payments made on the behalf of NICA claimants by other providers, such as health insurance coverage, Medicaid, etc. Since the payments made by these other providers in many cases reduce the amounts that would otherwise be paid by NICA, any change in the portion of benefits covered by these other providers will impact the loss and LAE reserve estimates shown in this report. To the extent any of these providers change the level of benefit payments (e.g. change from a primary provider to an excess provider) from those made previously, the reserve estimates shown in this report will need to be adjusted.

An additional source of variation is introduced in the development of loss and LAE reserve estimates on a present value basis. This variation arises from the fact that actual loss and LAE payments may occur more rapidly or more slowly than contemplated in the assumed payment pattern. Thus, the calculated investment income would differ from the actual investment income earned in proportion to the variation in actual payments from expected payments.

The loss and LAE reserve estimates contained in this report include explicit consideration of estimated prospective period inflation and investment returns. Specifically, the loss and LAE reserve estimates include consideration of the anticipated investment income earned on funds collected prior to the actual payment of claims. The estimated investment income is based on the assumption that sufficient assets will be available for investment to cover the present value of the ultimate losses. To the extent sufficient funds are not available the ultimate loss reserve estimates will need to be increased to account for the reduction in anticipated investment income.

The last remaining reinsurance treaty was commuted during 2019. Since all reinsurance treaties have been commuted, the outstanding loss and LAE reserves shown as of March 31, 2021 do not include any additional anticipated reinsurance recoveries. However, the estimated ultimate loss and ALAE and the cumulative paid loss and ALAE amounts are shown in the report both before and after actual reinsurance recoveries received on all commuted reinsurance treaties.

The attached exhibits summarizing the assumptions and calculations underlying the estimates are to be considered an integral part of the report. Thus, an accurate understanding of the conclusions set forth in the report is conditional upon an examination of both the text and the attached exhibits. Further, any distribution of this report should be provided in its entirety and with the understanding that we are available to answer questions with regard to the methods and assumptions underlying the conclusions herein.

Executive Summary

The outstanding loss and LAE reserve (i.e. Loss, ALAE, and ULAE reserves after inflation and discount) as of March 31, 2021 is \$1,079.5 million. A summary of the loss and LAE reserves before and after the impact of the explicit changes described in SB 1786 is shown on Exhibit I, Sheet 1a. As shown in Column (7) of this exhibit the portion of outstanding loss and ALAE reserves related to benefit levels prior to the SB 1786 changes is \$939.4 million. The additional outstanding loss and ALAE reserves as of March 31, 2021 related to the specific changes described in SB 1786 (excluding any Medicaid changes that may be made after the November 2021 study) is \$125.2 million. The estimated unallocated loss adjustment expense reserve of \$15.0 million is also shown in Column (7) of Exhibit I, Sheet 1a. A summary of the estimated outstanding loss and ALAE reserves as of March 31, 2021 by each of the explicit benefit revision as described in SB 1786 is shown in Column (2) of Exhibit I, Sheet 2. The estimated outstanding loss and ALAE reserves prior to the impact of SB 1786 by birth year are also shown in column (7) of Exhibit I, Sheet 3a.

The outstanding loss and LAE reserve is valued using an annual interest discount rate that exceeds the annual inflation in claim payments by 1.5%. This assumption is unchanged from our recent prior analyses. The outstanding loss and LAE reserve is determined using actuarial methods similar to those used in our recent prior analyses.

Total **case** outstanding loss and ALAE reserves **prior** to the inclusion of the SB 1786 benefit revisions and prior to adjustment for prospective inflation and discount increased by \$1.82 million during the quarter ending March 31, 2021 (Exhibit I, Sheet 1a, Item I, Column (2)). This includes an increase in case reserves of \$8.54 million related to new claims first reported during the quarter. In the aggregate, case reserves established on claims reported prior to January 1, 2021 decreased by \$6.73 million relative to the case loss and ALAE reserves established as of December 31, 2020 (\$1.82 M minus \$8.54 M = (\$6.73 M)). The comparable

estimate of case outstanding loss and ALAE reserves **after** consideration of inflation and discount increased by \$1.21 million during the quarter ending March 31, 2021 (Exhibit I, Sheet 1a, Item I, Column (5)).

Before the inclusion of additional reserves related to the SB 1786 benefit changes, the estimated ultimate loss and ALAE related to claims incurred in birth years 2020 and prior after inflation and discount decreased by \$5.27 million relative to the estimates as set forth in the December 31, 2020 report. The estimated ultimate loss and ALAE related to the first quarter of birth year 2021 is \$12.75 million. In combination, the estimated ultimate loss and ALAE for all birth years increased by \$7.48 million during the quarter ($(\$5.27 \text{ M}) \text{ plus } \$12.75 \text{ M} = \$7.48 \text{ M}$) prior to SB 1786 changes. A summary of the changes by birth year is shown in the table on the following page.

Before Consideration of SB 1786
Ultimate Loss & ALAE - After Inflation & Discount

Birth Year	Prior to Reinsurance Recoveries			After Reinsurance Recoveries		
	@ 3/31/21	@ 12/31/20	Change (2) - (3)	@ 3/31/21	@ 12/31/20	Change (5) - (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	27,158,893	27,189,842	(30,949)	27,158,893	27,189,842	(30,949)
1990	13,687,675	13,699,210	(11,535)	13,687,675	13,699,210	(11,535)
1991	25,751,511	25,733,167	18,344	25,751,511	25,733,167	18,344
1992	49,368,215	49,370,979	(2,764)	48,890,840	48,893,604	(2,764)
1993	48,418,216	48,465,904	(47,688)	27,010,151	27,057,839	(47,688)
1994	20,144,469	20,163,589	(19,120)	17,994,261	18,013,381	(19,120)
1995	32,294,268	32,270,869	23,399	29,421,692	29,398,293	23,399
1996	30,181,757	30,170,670	11,087	28,813,284	28,802,197	11,087
1997	42,590,079	42,438,878	151,201	40,033,601	39,882,399	151,201
1998	70,474,814	69,995,650	479,164	67,791,675	67,312,511	479,164
1999	28,640,501	28,563,974	76,527	22,640,711	22,564,184	76,527
2000	18,391,924	20,541,722	(2,149,797)	15,982,030	18,131,827	(2,149,797)
2001	29,106,394	29,116,776	(10,382)	26,138,938	26,149,320	(10,382)
2002	70,274,400	70,240,158	34,242	57,318,860	57,284,619	34,242
2003	17,016,227	17,090,315	(74,088)	14,758,362	14,832,450	(74,088)
2004	26,980,523	26,867,874	112,649	26,980,523	26,867,874	112,649
2005	33,421,160	33,376,030	45,130	33,421,160	33,376,030	45,130
2006	48,419,051	48,578,536	(159,486)	48,419,051	48,578,536	(159,486)
2007	39,247,538	39,563,234	(315,696)	39,247,538	39,563,234	(315,696)
2008	47,406,223	47,854,327	(448,104)	47,406,223	47,854,327	(448,104)
2009	57,854,250	58,186,370	(332,120)	57,854,250	58,186,370	(332,120)
2010	26,648,895	26,850,419	(201,524)	26,648,895	26,850,419	(201,524)
2011	45,751,588	45,502,429	249,159	45,751,588	45,502,429	249,159
2012	30,438,443	30,630,727	(192,284)	30,438,443	30,630,727	(192,284)
2013	27,640,013	27,895,355	(255,342)	27,640,013	27,895,355	(255,342)
2014	33,380,519	33,651,923	(271,404)	33,380,519	33,651,923	(271,404)
2015	58,037,607	56,955,190	1,082,417	58,037,607	56,955,190	1,082,417
2016	19,802,228	20,037,291	(235,062)	19,802,228	20,037,291	(235,062)
2017	39,734,267	40,726,533	(992,267)	39,734,267	40,726,533	(992,267)
2018	58,506,470	56,394,582	2,111,888	58,506,470	56,394,582	2,111,888
2019	50,481,847	53,338,582	(2,856,735)	50,481,847	53,338,582	(2,856,735)
2020	44,092,831	45,153,998	(1,061,167)	44,092,831	45,153,998	(1,061,167)
2021	12,751,388		12,751,388	12,751,388		12,751,388
Totals All	1,224,094,182	1,216,615,101	7,479,081	1,163,987,322	1,156,508,241	7,479,081
1989 - 2020	1,211,342,794	1,216,615,101	(5,272,307)	1,151,235,934	1,156,508,241	(5,272,307)

Loss and LAE reserve estimates referenced above include the separate estimation of loss and ALAE and ULAE reserves. The ULAE reserve as of March 31, 2021 is developed on Exhibit I, Sheet 7. The present value of the ULAE reserve estimate as of March 31, 2021 is \$14.98 million and relates to the loss adjustment expense not allocated to a specific claim file that is associated with actual settlement of claims incurred prior to March 31, 2021.

The loss and LAE reserves are shown in the attached Exhibit I, Sheet 3a are stated on a present value basis. Since current case reserves established by NICA in the case reserve worksheets are recorded on a current (2021) cost level basis, both case reserves and the bulk / incurred but not reported (IBNR) reserves as shown in Exhibit I, Sheets 3a and 3c (excluding the retrospective portion of the class action settlement) have been adjusted to include the estimated impact of inflation between the current (2021) evaluation date and the time at which actual payments are expected to be made by NICA. In addition, the payment stream after adjustment for inflation has been discounted to reflect an estimate of the investment income expected to be earned by NICA on assets representing the reserve funds, between the evaluation date of this report and the time period payments are expected to be made.

The final present value loss and LAE reserve estimates related to all expected NICA benefits (i.e. both before and after the impact of SB 1786) are shown in Exhibit I, Sheet 1a. These estimates are based on our selected estimates of the prospective period inflation rates, investment income, the tail factor applicable to incurred loss development subsequent to 387 months, and the payment pattern related to outstanding loss and LAE reserves for each birth year. The present value loss and LAE reserve estimate of \$1,079.5 million, including the estimated impact of explicit SB 1786 changes, is shown in Item V, Column (7) of Exhibit I, Sheet 1a.

Alternative estimates of the loss and ALAE reserve based on variation in the inflation, interest rate and tail factor are shown in Exhibit I, Sheet 1b in order to illustrate the impact on the loss and ALAE reserve of changes in some of the underlying key assumptions. Exhibit I, Sheet 5 illustrates the estimated cash flow by year related to the estimated outstanding loss and ALAE reserve established as of March 31, 2021.

Actuarial Standards of Practice provide that a risk margin may be included in an unpaid claim estimate, and if it is, the risk margin and the basis for calculating it should be disclosed. As part of our determination of actuarially sound and appropriate reserve levels for NICA, we have determined an appropriate risk margin as described later in this report.

The passage of SB 1786 (described below) will impact the risk margin calculation. Once the final decisions related to the changes under consideration as a result of this law change are taken, a revised risk margin calculation will be developed. In the interim we recommend that NICA maintain the current risk margin at a level no lower than \$75.5 million.

Senate Bill 1786

In May 2021, the Florida Legislature passed Senate Bill 1786 (SB 1786), which resulted in changes to the benefit obligations of NICA. In addition to the explicit benefit modifications included in SB 1786 there is a requirement for the review of the current interaction between NICA and Medicaid. Any decisions related to this interaction will be made after the review of a report due prior to November 1, 2021. Since it is speculative to predict the outcome of this review at this time, the estimates included in this report relate only to the explicit modifications as described in SB 1786.

Our understanding of the most significant explicit changes, that we believe are reasonably quantifiable include the following:

- (1) Increase in the Parental Award from the current \$ 100,000 maximum to a maximum of \$ 250,000 for all current NICA claimants. This change will apply retroactively to all NICA claimants currently receiving benefit payments. The maximum Parental Award will increase by three percent a year beginning on January 1, 2022.
- (2) The current death benefit of \$ 10,000 will increase to \$ 50,000. The new death benefit of \$ 50,000 will apply to all current open claimants upon their death, as well as to all prior children who died since the inception of the program. Prior beneficiaries will receive additional amounts to bring the total to \$ 50,000 by July 1, 2021.
- (3) Housing assistance of up to \$ 100,000 for the life of the child, including home construction and modification cost.
- (4) A total annual benefit of up to \$ 10,000 for immediate family members who reside with the infant for psychotherapeutic services obtained from providers licensed under chapter 490 or chapter 491. We understand NICA interprets the \$ 10,000 as an aggregate limit for all family members.
- (5) For the life of the child, providing parents or legal guardians with a reliable method of transportation for the care of the child or reimbursing the cost of upgrading an existing vehicle to accommodate the child's needs when it becomes medically necessary for wheelchair transportation. The plan must replace any vans purchased by the plan every seven years or 150,000 miles, whichever comes first.

The above five changes caused the NICA loss and LAE reserves estimated in this report to increase by approximately \$125.2 million (as shown in Exhibit I, Sheet 1a, Item II and Appendix F, Exhibit I).

In addition to the changes described above, Section 7 of SB 1786 requires the Agency for Health Care Administration ("the Agency") to review its Medicaid third party liability functions and rights under Florida statutes relative to NICA. This review must assess the extent and value of liabilities owed by NICA as a third-

party benefit provider. Based on its findings, the Agency shall provide recommendations regarding the development of policies and procedures to ensure robust implementation of Agency functions and rights relative to the primacy of NICA's third-party benefits payable under NICA Statute 766.31 (1)(a)1 and any recoveries due the Agency. The final additional liability to NICA will be contingent upon the decisions taken by public officials once the Agency's report, due by November 1, 2021, is provided to the President of the Senate, the Speaker of the House of Representatives, and the Chief Financial Officer of Florida.

Section 7 of SB 1786 may have a material impact on NICA's reserves as it has the potential to shift a portion, or all, of the expenses previously paid by Medicaid to NICA. These expenses include Nursing, Hospital, Physician, Drug and miscellaneous expenses. However, until the Agency submits its report and public officials act upon it, it would be speculative to estimate the impact of any change in the current sharing of these expense items between NICA and Medicaid on either a prospective (i.e. expenses paid after the law change) or retrospective basis (i.e. expenses paid by Medicaid prior to the law change). As additional information is gathered, and definite policies and protocols are implemented, we will refine our estimate of the impact of SB 1786 and include them in our subsequent estimates of NICA's outstanding loss and LAE reserves.

Methodology

The methodology used in this report is similar to that used in our most recent previous report except we have enhanced our analysis of the estimated ultimate accepted claim counts (See Exhibit X). The paid and incurred loss and ALAE information shown in exhibits beginning with Exhibit I, Sheet 3c and continuing to the end of the report are adjusted to exclude the retrospective portion of the September 2012 class action. This change in procedure was included in our reports beginning with the September 2012 report. The retrospective portion of the class action is shown separately (Exhibit I, Sheet 3b) due to the short-term nature of these payments. As shown on Exhibit I, Sheet 3b, the majority of the payments

related to retrospective portion of the class action have been made as of March 31, 2021.

The loss and LAE reserve amounts excluding the payments related to the retrospective portion of the class action are shown on Exhibit I, Sheet 3c. Specifically, the loss and LAE reserve amounts as set forth in Exhibit I, Sheet 3c and all following exhibits are based on information that excludes the retrospective portion of the class action settlement agreement shown in Exhibit I, Sheet 3b. The amounts shown in Exhibit I, Sheet 3a include both the retrospective portion shown in Exhibit I, Sheet 3b plus the estimates related to all other items as shown in Exhibit I, Sheet 3c.

As mentioned previously, the loss and LAE reserve estimates shown in this report are adjusted to include the impact of prospective period inflation and anticipated investment income. The procedure used to estimate the loss and LAE reserves for all estimated NICA benefits, with the exception of those related to the retrospective portion of the class action settlement agreement, includes a three step process. This three step process is intended to explicitly recognize the impact of inflation and anticipated investment income. The “first step” is to adjust actual NICA historical paid and incurred loss development information to eliminate the historical impact of inflation on the paid and incurred loss development information. The actual historical incremental loss payments and case outstanding loss reserves are shown in Exhibit IX, Sheets 3a, 3b, and 3c, and Sheets 4a, 4b, and 4c, respectively. The historical loss payments and case reserve amounts are adjusted to eliminate the estimated impact of inflation. The incremental loss payments and case outstanding loss reserves after adjustment to eliminate the impact of inflation are shown in Exhibit IX, Sheets 1a, 1b, and 1c, and Sheets 2a, 2b, and 2c, respectively. The paid and case reserve amounts shown on Exhibit IX, Sheets 1a, 1b, and 1c, and Sheets 2a, 2b, and 2c are adjusted to birth year cost levels. The birth year level paid and case outstanding amounts are used to develop the

adjusted paid and incurred loss development triangles as shown in Exhibit VIII, Sheets 2a and 2b, and Exhibit VII, Sheets 2a and 2b, respectively.

The “second step” in the three-step process is to adjust the birth year cost level estimates of outstanding loss and ALAE (see Exhibit IV, Sheet 1, Column (7)) to current (2021) cost levels. The adjustment of birth year level estimates of outstanding loss and ALAE related to all NICA benefits (except for the estimated retrospective portion of the September 2012 class action settlement) to 2021 cost level is shown in Exhibit III.

The final or “third” step in the three-step loss reserve estimation process is to adjust the 2021 cost level loss reserve estimates referenced above to include the estimated impact of prospective inflation (2021 and subsequent) and anticipated investment income (discount). The prospective period inflation rate is based on a review of historical and recent inflation rates as measured by the Consumer Price Index (both the all items and medical services indices) over the time period from 1960 to 2020. The prospective period investment returns are selected based on the review of geometric averages for investment returns for a model portfolio invested per NICA’s current investment policy and for a conservative model portfolio over the period from 1926 to present as well as actual NICA investment returns over the period from 1991 to present. While the actual prospective period inflation rates and investment returns are subject to a significant degree of uncertainty the difference or increment between inflation and investment returns is of primary importance.

Based on a review of actual inflation and investment returns we selected an increment of one and one – half percent (1.50 %) and a prospective period inflation (combination of all items and medical services) rate of three and one-half (3.50%) percent. The indicated investment return percentage is then calculated to be five percent. In order to illustrate the impact on the loss reserve estimates of changes in the overall inflation and investment returns we also have included a range of

estimates based on increments (average investment return minus average inflation rate) of one and two percent in addition to our selected estimate of one and one – half (1.50%) percent.

The loss and ALAE reserve estimates are developed based on the selected prospective period inflation rate, investment return and the assumed loss payment pattern for each birth year. The loss and ALAE payment patterns are developed separately for each birth year and are based on the estimated payments as shown in the NICA case reserve worksheets for the current open accepted claims. Due to the small number of open claims and the variability in the life expectancy for each claimant the payment patterns can vary by birth year. The estimated future period claim payments as shown in the NICA case reserve worksheets are all expressed at current (2021) cost levels. These prospective period claim payments are adjusted to include consideration of mortality on the prospective period loss and ALAE payment pattern. A summary of the estimated 2021 cost level payment patterns for each birth year are shown in Appendix A, Exhibit I, Sheets 1a, 1b, 2a, 2b, 3a, 3b, 4a, and 4b. An example of the calculation of the 2021 cost level payment pattern for the 1996 birth year is shown in Appendix A, Exhibit II, Sheets 1a, 1b, 2a, 2b, 3a, and 3b.

The loss reserves are developed based on a combination of the inflation rate, investment returns, estimated 2021 level loss and ALAE reserves by birth year and the assumed 2021 level payment pattern applicable to each birth year. The loss and ALAE reserves on a 2021 cost level basis, after prospective period inflation but before anticipated investment income and after prospective period inflation and anticipated investment income are shown in columns (6), (7) and (8) of Exhibit I, Sheet 5, respectively.

Description of Loss Estimation Methods

The birth year level paid and incurred loss development triangles (i.e. after adjustment to eliminate the impact of inflation) are used to develop estimates of

ultimate losses for each birth year. The historical NICA inflation rates used to restate actual NICA loss and ALAE payments and case outstanding amounts are estimated separately for loss and ALAE payments and case outstanding amounts. The estimated NICA inflation rates are shown in Exhibit IX, Sheets 8a, 8b and 8c on both a paid and case outstanding basis. Additional information related to the calculation of the historical NICA inflation rates is shown in Appendix B.

The estimated ultimate loss and ALAE by birth year related to all NICA benefits except for the retrospective portion of the class action settlement are selected based on the review of six loss estimation methods. The six methods used in the development of estimated birth year level ultimate loss and ALAE include two traditional loss development methods (i.e. paid and incurred loss projections), a frequency / severity method, the Bornhuetter – Ferguson (BF) method, a Cape Cod method, and an incremental payment method. The final indicated ultimate loss and ALAE based on each method in addition to the final selected birth year level estimates are shown in Exhibit IV, Sheet 2.

The projection methods (shown in Sheet 1 of Exhibits VII and VIII) are based on the review of historical NICA paid and incurred loss development (after elimination of the impact of inflation) for a given birth year. The loss and ALAE payment and reporting patterns experienced for the more mature birth years are used in order to estimate expected future development applicable to the more immature birth years. The frequency / severity method shown in Exhibit VI, Sheet 1 is based on the estimation of the average claim size and the estimated ultimate number of accepted claims excluding the deceased claims when reported to NICA for each birth year. Specifically, the average claim size for each birth year is calculated as a weighted average of the average claim size shown for each individual birth year and the average claim size developed based on all birth years combined. In the more recent birth years, relatively greater weight is provided to the average claim size developed for all years combined.

The BF method summarized in Exhibit V is a combination of the actual birth year level incurred loss and ALAE as of March 31, 2021 (shown in column (5)) and estimated unreported loss and ALAE (shown in column (4)). The unreported loss and ALAE is developed using the loss reporting pattern developed based on the NICA incurred loss and ALAE development triangle shown in Exhibit VII, Sheets 2a and 2b and the estimated initial expected loss and ALAE by birth year based on the results of the frequency / severity method shown in Exhibit VI, Sheet 1, column (14).

The Cape Cod method shown in Exhibit VI, Sheet 2 is based on the estimated NICA exposure levels (i.e. insured physicians) by birth year, the estimated NICA loss reporting pattern and the actual NICA birth year level incurred loss and ALAE. An estimate of the 2021 level NICA pure premium is calculated by dividing the 2021 level incurred loss and ALAE for all birth years combined by the reported NICA exposures (i.e. insured physicians multiplied by estimated percent reported). The 2021 level NICA pure premium is adjusted to the historical birth year level cost basis and then used to estimate the unreported loss and ALAE for each birth year (column (10)). The indicated birth year level ultimate loss and ALAE is based on a combination of the unreported loss and ALAE shown in column (10) and the actual reported loss and ALAE shown in column (3).

The final method included is described as an incremental payment method. The estimated birth year level ultimate loss and ALAE developed using this method is shown in Appendix E. The birth year level estimates of ultimate loss and ALAE as shown in columns (6), (7) and (8) of Appendix E, Exhibit I, Sheet 1 are based on alternative technology (utilization) increases of 1.00%, 2.00% and 3.00%, respectively. The estimated birth year level ultimate loss and ALAE is a combination of actual loss and ALAE payments as of March 31, 2021 adjusted to each birth year cost level and an estimate of the remaining birth year level loss and ALAE payments (i.e. outstanding loss and ALAE as of March 31, 2021). The estimated remaining birth year level payments are developed based on a

combination of the remaining open accepted claimants by birth year and the estimated average incremental loss and ALAE payment per claimant.

The estimated incremental loss and ALAE payment per claimant is based on a review of the average NICA incremental loss and ALAE payments by development period. The actual incremental loss and ALAE payments are adjusted to 2021 level and used to estimate the average incremental payment per open accepted claim by development period (See Appendix E, Exhibit IV, Sheets 3a through 3d). The selected 2021 level average incremental loss and ALAE payments for development periods 387 months and subsequent are based on the actual averages for development periods prior to 387 months adjusted to include consideration of estimated changes in utilization (alternatives of 1.00%, 2.00% and 3.00%). The final 2021 level average incremental loss and ALAE payment per open claim is shown in Appendix E, Exhibit II, Sheet 1 (or Appendix E, Exhibit IV, Sheets 1a through 1d).

The selected 2021 level incremental loss and ALAE payment per claimant for each development interval is adjusted to the appropriate birth year level (as shown in Appendix E, Exhibit II, Sheet 3, Column (5)) and also to include differences in the average claimant severity by birth year (as shown in Appendix E, Exhibit II, Sheet 2, Column (5)). The estimated remaining open accepted claims by birth year and development period are based on a combination of the ultimate open accepted claimants by birth year as of March 31, 2021 (see Appendix E, Exhibit II, Sheet 3, Column (8)), reporting pattern (as shown in Exhibit X, Sheet 1c, Column (11)), and assumed mortality rates (see Appendix E, Exhibit V, Sheets 1a, 1b, 2a, 2b, 3a and 3b) developed using the average remaining life expectancy per open accepted claim (see Appendix E, Exhibit VII, Column (9)) for each birth year.

The estimated average remaining life expectancy per birth year is shown in Appendix E, Exhibit VII, Column (9). The remaining open accepted claimants by birth year and development period are shown in Appendix E, Exhibit III, Sheets 3a

through 3g. The remaining birth year level incremental loss and ALAE payments are developed as a product of the average 2021 level incremental payments per claimant adjusted to each birth year cost / severity level and the remaining open accepted claims. The resulting estimated remaining birth year level incremental loss and ALAE payments are shown in Appendix E, Exhibit III, Sheets 1a through 1g. A summary of the combination of the actual birth year level payments as of March 31, 2021 and the estimated remaining payments is shown in Appendix E, Exhibit I, Sheet 1.

The four assumptions that most significantly impact the overall loss and LAE reserve estimate are as follows:

1. Incurred Loss Development Factor – 387 months to Ultimate
2. Prospective Period Average Inflation Rate
3. Prospective Period Average Investment Return
4. Loss and Loss Adjustment Expense Payment Pattern

The loss and LAE (ALAE and ULAE) reserve estimates based on our selected estimate for each of the first three assumptions are shown in Exhibit I, Sheet 1a. In order to illustrate the impact of changes in these assumptions on the NICA loss reserve estimate we have provided a summary of alternative loss reserve estimates based on changes to each of these three assumptions. As mentioned previously the actual inflation rates and investment returns are not as critical as the difference in these two rates. A summary of the overall loss and ALAE (excluding ULAE) reserve estimates based on several alternative assumption sets is shown in Exhibit I, Sheet 1b. Our actuarial central estimate is shown in the first line of the following table.

Inflation Rate -----	Investment Return -----	Tail Factor 387:Ult. -----	Present Value Outstanding Loss and ALAE Reserve in Million (\$) -----
3.50%	5.00%	1.0988	\$1,064.560
3.00%	5.00%	1.0988	\$971.261
4.00%	5.00%	1.0988	\$1,174.036
7.50%	9.00%	1.0988	\$1,068.227
3.50%	5.00%	1.1988	\$1,164.688
3.50%	5.00%	1.0000	\$965.874

As mentioned previously and illustrated above the final present value loss and ALAE reserve estimated for the period ending March 31, 2021 is sensitive to each of the four assumptions described previously. The most significant factors are the relationship between the anticipated inflation and investment income rates, the magnitude of the incurred loss development tail factor and the payment pattern applicable to each birth year. Due to the prospective nature of each of these assumptions any estimate is subject to uncertainty. In addition to the lack of comparable insurance industry data for use as a benchmark in the selection of the loss development factors, coupled with the long term over which payments are expected to be made creates levels of potential variation in excess of that normally experienced for long tailed lines of business. The remainder of this report summarizes the approach we have used in an effort to develop an estimate for each of these key assumptions.

The loss and allocated loss adjustment expense (ALAE) reserve estimates as developed in Exhibit II, Sheet 1 and subsequent do not include a provision for

unallocated loss adjustment expense (ULAE) reserves. ULAE reserves are intended to cover anticipated loss adjustment expenses not covered in the loss and ALAE reserve estimates.

The calculation of the ULAE reserve related to specific claims administration and settlement expenses for claims incurred prior to March 31, 2021 is shown in Exhibit I, Sheet 7. This procedure is similar to that utilized in the calculation of NICA loss and ALAE reserves in that current expense levels are projected forward to estimated prospective period cost levels and then adjusted to a present value basis. The present value calculation includes consideration of both anticipated investment income and expected mortality over the time period. The ULAE reserve shown in Exhibit I, Sheet 7 related to claim settlement is \$14.98 million.

The prospective period inflation rate of three (3%) percent is selected to project anticipated ULAE expense payment as opposed to the three and one-half (3.5%) percent inflation rate selected to inflate loss and ALAE reserve. The somewhat lower inflation rate is based on the greater concentration of general and administrative expense expected for prospective period ULAE payments.

The mortality adjustment is developed based on current estimates of remaining life expectancy as included in the current NICA reserve worksheets. The final mortality adjustment is a blended average of average mortality assumptions for each birth year.

Historical NICA Inflation

In order to measure NICA's historical inflationary increases in claims costs, we began by segregating NICA's claim costs into major claim cost groups. The following expense groups were identified:

Family Residential or Custodial Care
Nursing Care by Others

Legal Costs
Parental Awards
Medical Expenses
Other

Each of these major expense groups were then examined separately for inflationary impacts. For example, relative to nursing care, we tracked the hourly cost of nursing care as paid by NICA since the program began in 1989.

An increase in the hourly rate for most parents providing care occurred in June 2008. The increase in the hourly rate for most parents effective in June, 2008 (from \$9.70 per hour to \$15.00 per hour) resulted in cost under the expense category Nursing Care By Parents as shown on Appendix B, Exhibit I, Sheets 1, 2, and 3. Some of the major expense groups' inflation rates were estimated using CPI indices.

In addition, the daily rates used to estimate the future cost of custodial residential care were revised in December 2004, 2006, and 2012. The reserves for custodial residential care apply in the later years when the parents of NICA claimant have reached an age where they are no longer able to provide the level of care required. This change in the daily rate effectively results in the recognition of inflation that has taken place over a number of years related to the cost of custodial residential care. Since currently there are only two claims with current custodial residential care payments, this increase primarily affects case reserves. The estimated increase in the cost of custodial care recorded in 2004, 2006 and 2012 is 40%, 40%, and 95%, respectively.

We tabulated the total payments and case outstanding reserves by fiscal year for each of the major expense group. By far the largest expense category is nursing care. The historical inflation rate for each birth year is estimated by weighting the historical inflation rates by expense groups with that expense group's percentage

of total payments (or case reserves) by year. Overall, the historical “true” inflation rate for NICA has been minimal. On a paid basis inflation has averaged approximately one percent over the time period from inception (1989) to current (2021) with the only major increase occurring during 2008 and 2009. This inflation rate does not include increases related to increased utilization of certain types of nursing and custodial care or increases in longevity relative to the initial estimates. These increases are reflected in the loss development triangles and are assumed to continue although at a decreasing rate as indicated by the declining loss development factors in the later development periods.

Prospective NICA Inflation

Future inflation is estimated as a differential to various consumer price indices depending on the type of expense. The largest category, nursing expense, is assumed to increase at approximately one to two percent above the CPI – all indices annual increase. The overall average annual NICA inflation rate is estimated to be 1.00 to 2.00 percent above the CPI – All items index. We are assuming a 2.00 % increase in CPI – All items currently which gives a current estimate of inflation of 3.50 %.

Discount Rate

Because of the long term nature of the liabilities of NICA it is reasonable to base discount rates to be used in the determination of NICA’s reserve liabilities on a conservative estimate of investment returns likely to be realized on NICA’s assets over a long term horizon. In determining assumptions for inflation and discount rates, we begin with the consumer price index for all items and determine anticipated inflation and discount rates based on long term relationships to the consumer price index.

The discount rate assumption is selected based on reasonable expectations for a prudent, conservative investment strategy. Appendix B, Exhibit II, Sheets 1 and 2 show the change in the CPI all items index as compared to returns for various

classes of investments from 1926-2020. Specifically, we have examined returns for both large and small company stocks, long and intermediate government bonds, and treasury bills. These indices are taken from Ibbotson's 2009 SBBI Classic Yearbook and updated based on recent Federal Reserve data and U.S. Bureau of Labor Reports. We then calculated estimates of the overall return based on two "model" portfolios. One model portfolio is based on an asset allocation of 44% stocks and 56% fixed income. This model portfolio is labeled Model Portfolio (as shown in Column (13) of Appendix B, Exhibit II, Sheets 1, 2, and 3). The second model portfolio is based on an asset allocation of 35% stocks, 60% bonds and 5% short term. This model portfolio is labeled Conservative Model Portfolio (as shown in Column (14) of Appendix B, Exhibit II, Sheets 1, 2, and 3).

We also calculated the geometric average return, the arithmetic average return, and the standard deviation for each class of investment and the model portfolios. Returns were then calculated for the periods 1926-1929, 1930-1939, 1940-1949, 1950-1959, 1960-1969, 1970-1979, 1980-1989, 1990-1999, 2000-2009 and 2010-2019.

Overall, the results of the two model portfolios over ten year periods average from 0 % to 10 % above the CPI - All items index. Actual results for NICA were also calculated for the period 1991-2020. NICA's actual results were adversely affected by the dramatic decline in the stock market in 2008. Overall NICA's actual returns over the period from 1991 to 2020 have averaged approximately 3.9% above the CPI – All items index.

Based on this analysis, we recommend that the discount rate used in the discounting of NICA's reserve liabilities ranges from 2 % to 4 % above the CPI - All items index. In our current reserve calculations we have assumed a 3.0 % spread to the CPI - All items index. Based on a current selected CPI – All items inflation rate of two percent this produces a discount rate of 5.0 %. The 5.0 % appears to be reasonable based on NICA's actual average investment returns for the last

twenty-eight years and based on the long-term average as indicated for the Conservative model portfolio.

It should be noted that in valuing NICA's reserve liabilities, the spread between inflation and interest rates is the key variable rather than the nominal values of each. Here we have assumed a 1.50 % spread between the medical inflation rate and the investment rate. At current levels of inflation and interest, this produces an assumption of 3.50 % for inflation and 5.00 % for interest income. If it turns out to be 5.00 % inflation and 6.50 % interest income, this has a minimal impact on the overall reserve levels. It is the spread between these two key factors that is the critical variable.

Payment Pattern

The selection of the appropriate payment pattern is required to adjust current (2021) level loss reserves for both the estimated impact of future inflation and the consideration of anticipated investment income. The selected payment pattern has a significant impact on the final present value loss and loss adjustment expense reserve. Due to the long-term nature of the NICA liabilities changes in the estimated payment pattern will likely evolve over time as additional NICA payment experience emerges.

The current selected loss and ALAE payment pattern varies by birth year and is based on a combination of the of the actual loss and ALAE payments made to date and the estimated future loss and ALAE payments as shown in the NICA case reserve worksheets. The estimated future loss and ALAE payments shown in the NICA case reserve worksheets are stated on current (2021) loss and expense levels. The estimated future loss and ALAE payments shown in these worksheets are adjusted to reflect the estimated impact of mortality. The survival probabilities used in this adjustment are based on the life expectancy as established by the NICA designated consulting physician. A slight change was made beginning December 31, 2013 in the life expectancies used in the development of the case

reserve worksheets. The change is related to the claimants whose life expectancy remained the same based on the current review in comparison to the life expectancy established in the prior review by NICA's consulting physician. For these claimants the estimated remaining life expectancy was adjusted to account for the reduction in life expectancy that would be expected for one additional year of survival.

An example of the procedure used to estimate the payment pattern for birth year 1996 is shown in Appendix A, Exhibit II, Sheets 1a, 1b, 2a, 2b, 3a, and 3b. As described above the payment pattern selected for the 1996 birth year is based on a combination of loss and expense payments made to date relative to the estimated ultimate loss and expense and the estimated future loss and ALAE payment based on the individual case reserve worksheets (adjusted for the probability of survival). A summary of the development of the remaining estimated payout percentages for the case reserve portion of the six open claims with reserve worksheets for the 1996 birth year is shown in Appendix A. The reserve payment pattern is combined with the actual payment pattern (1996 to 2021) to develop a full payment pattern for the 1996 birth year.

This process is repeated for each birth year and the resulting payment patterns are used for the birth years 2012 and prior. Alternatively, the loss and ALAE payment pattern used for birth years 2013 and subsequent is based on an average of the individual loss and ALAE payment patterns developed for 2012 and prior. The average payment pattern is used for the more recent birth years due to the relative immaturity of the case reserve estimates of the more recent birth years.

Incurred Projection Cumulative Development Factor

Due to the lack of available incurred loss and expense development information subsequent to 387 months of maturity (1989 birth year evaluated as of March 31, 2021) and the likelihood of continued incurred loss and expense development in the development periods subsequent to 387 months, we developed an estimate of

the remaining future loss development (tail factor) excluding the impact of anticipated inflation. The estimated paid and incurred development factors as developed in Appendix C are intended to capture the incurred and paid loss development over the remaining life of the NICA claims.

The calculation of the paid and incurred tail factors are based on the comparison of birth year level ultimate loss and ALAE as indicated by the incremental payment method to the indicated paid and incurred loss and ALAE projections without the inclusion of the tail factors to include development after 387 months. The indicated birth year level ultimate loss and ALAE based on the incremental payment method at 2.00% utilization rate is shown in Appendix E, Exhibit I, Sheet 1, Column (7). A summary of the calculation of the indicated tail factors as well as the final selected paid and incurred tail factors is shown in Appendix C, Exhibits I, and II, respectively.

Risk Margin

Actuaries using a discounted property/casualty loss and loss adjustment expense reserve may include an appropriate risk margin. As part of our determination of actuarially sound and appropriate reserve levels for NICA, we have determined a risk margin to include consideration of the process variation in the aggregate loss and LAE reserve shown in this report.

In order to determine an appropriate risk margin, we used a simulation model that simulates the ultimate amount of NICA claims open as of December 31, 2020. Thirty-two years of data are incorporated into the model (1989-2020). The data is based upon the actual claim count and claim payments reported by year to NICA, as well as estimated ultimate loss reserves and claim counts. The model is a frequency / severity model where the number of unpaid claims is first modeled and then the severity for each open claim is simulated. For years 1989 to 2015 the open claim count per year is fixed since there is a five year reporting requirement for claims to be made (prior to the 1995 birth year the claim reporting requirement

was seven years). For the five years from 2016 to 2020, the number of unreported claims per year is randomly generated based upon accepted claims reported to date and an estimate of the unreported claims. Once the number of claims is determined the severity of each individual open claim is then randomly simulated. The simulated severities are tested to be consistent with the estimated outstanding losses divided by the open claims. Losses for each year are simulated and summed across all thirty-one years to determine the aggregate losses for all years. We ran 10,000 iterations to develop a distribution of aggregate losses. In order to determine the risk margin we calculate the mean loss and the losses at the various confidence level percentiles.

In our work for self-insured entities, we have found that most prudent self-insured's use a risk margin determined at a confidence level varying from 75% to 90%. In the past, NICA has used a contingency reserve developed at approximately the 75% to 80% confidence level. The contingency margin is reviewed on an annual basis. Based on the most recent review as of December 31, 2020, we recommended a continuation of the gross risk margin of \$75.5 million. This produces a confidence level of approximately 80% that the reserves held by NICA will be adequate to cover its future incurred loss and loss adjustment expense levels for birth years from 1989 to 2020. The table shown on the following page summarizes the indicated gross risk margins at various confidence levels as of December 31, 2020.

Confidence Level	Indicated Gross Risk Margin
-----	-----
70.0%	\$ 43.21 Million
75.0%	\$ 58.50 Million
76.0%	\$ 61.86 Million
77.0%	\$ 64.91 Million
78.0%	\$ 68.43 Million
79.0%	\$ 72.14 Million
80.0%	\$ 75.40 Million
85.0%	\$ 96.85 Million
90.0%	\$ 126.37 Million
95.0%	\$ 172.29 Million

The calculated risk margins include consideration of potential adverse deviation from the discounted actuarial central reserve estimate due to process variation in the overall claim amounts (i.e. frequency and severity). The above margin does not include consideration of potential deviation due to parameter variation, including the variation in the inflation and investment parameters used in the calculation of NICA loss reserves. In addition, the above calculation does not include consideration of the additional uncertainty created as a result of the passage of SB 1786 in May 2021 subsequent to the evaluation date of the loss and LAE reserves shown in this report.

Reinsurance Recoveries

NICA purchased reinsurance coverage excess of specific and aggregate attachments related to claims incurred during birth years from 1992 to 2003. The reinsurance coverage related to birth years 1992 and 1993 was commuted in 1998 and 2006, respectively. The reinsurance treaties provided by AUL/RMS, the reinsurer for birth years 1994 to 1998, and Munich Re, the reinsurer providing the specific excess coverage and aggregate excess coverage above \$ 23.0 million for birth years 1999 to 2001 has also been commuted. NICA received \$ 10.0 million and \$ 10.6 million in January 2013 from AUL/RMS and Munich Re, respectively for the commutation of specific and aggregate excess coverage provided under the

two sets of reinsurance treaties. These agreed commutation amounts have been allocated to each respective birth year based on the previously estimated recovery amounts. Subsequently, the reinsurance treaties issued by Gen Re, which provided aggregate excess coverage only for birth years 1999 to 2001 (\$3.0 million excess of \$20.0 million) and also provided specific and aggregate excess coverage for claims incurred during birth years 2002 and 2003 have been commuted. NICA received \$15,990,545 in July 2019 from Gen Re for the commutation of the specific and aggregate excess coverage as well as the profit sharing related to these treaties. A summary of the actual reinsurance recoveries received by NICA is shown in Exhibit I, Sheets 4a and 4b.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment IncomePrior to Consideration of Reinsurance Recoveries / Recoverables
Evaluated As of March 31, 2021

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 387 to Ult.	1.0988

Before and After Changes in S.B. 1786

Type ----- (1)	Current Level Before Inflation and Present Value Adjust. -----		Actual Paid Loss and Expense ----- (4)	Loss & Expense - After Inflation and Present Value Adjustment -----			Selected Ultimate Loss and Expense Present Value Basis ----- (8)
	Case Outstanding ----- (2)	Total Outstanding ----- (3)		Case Outstanding ----- (5)	Incurred But Not Reported (IBNR) & Bulk ----- (6)	Total Outstanding ----- (7)	
	(2)	(3)		(5)	(6)	(7)	
I. Benefit Structure (a) Loss & ALAE Prior to S.B. 1786	920,684,591	1,318,483,943	284,715,413	665,107,951	274,270,817	939,378,769	1,224,094,182
II. S.B. 1786 Additional Reserves (b) Loss & ALAE (Excluding Medical Changes)	N/A	N/A	N/A	0	125,181,329	125,181,329	N/A
III. After S.B. 1786 Benefit Changes Loss & ALAE Items I + II (Excluding Medical Changes)	N/A	N/A	N/A	665,107,951	399,452,146	1,064,560,097	N/A
IV. ULAE Reserve (c)	N/A	N/A	N/A	0	14,978,330	14,978,330	N/A
V. Total Loss & LAE Reserves Items III + IV	N/A	N/A	N/A	665,107,951	414,430,476	1,079,538,428	N/A

Notes: (a) See Exhibit I, Sheet 3a.

(b) See Appendix F, Exhibit I.

(c) See Exhibit I, Sheet 7, Column (9).

Summary of Estimated Outstanding Loss & ALAE
Excluding ULAE ReserveImpact of Changes in Inflation / Investment / Tail Factor
Evaluated As of March 31, 2021

<div>Excluding S.B. 1786 (a)</div> <div>Loss & Expense - After Inflation and Present Value Adjustment</div>								<div>Including S.B. 1786</div> <div>Loss & Expense - After Inflation and Present Value Adjustment</div>		
Expected / Alternative	Inflation Rate	Investment Return	Tail Factor				S.B. 1786 (b) Additional Reserves (Excluding Medical Changes)			
				Case (a) Outstanding	Incurred But Not Reported (IBNR) & Bulk	Total Outstanding		Case Outstanding Col. (5)	Incurred But Not Reported (IBNR) & Bulk (6) + (8)	Total Outstanding (7) + (8)
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Expected	3.50%	5.00%	1.0988	665,107,951	274,270,817	939,378,769	125,181,329	665,107,951	399,452,146	1,064,560,097
Alternative # 1	3.00%	5.00%	1.0988	603,650,552	245,625,447	849,275,999	121,985,345	603,650,552	367,610,792	971,261,344
Alternative # 2	4.00%	5.00%	1.0988	736,856,170	308,278,092	1,045,134,262	128,901,941	736,856,170	437,180,033	1,174,036,203
Alternative # 3	7.50%	9.00%	1.0988	672,466,575	277,731,629	950,198,205	118,028,930	672,466,575	395,760,559	1,068,227,135
Alternative # 4	3.50%	5.00%	1.1988	662,887,143	376,619,534	1,039,506,677	125,181,329	662,887,143	501,800,863	1,164,688,006
Alternative # 5	3.50%	5.00%	1.0000	667,673,452	173,018,806	840,692,258	125,181,329	667,673,452	298,200,135	965,873,587

Notes: (a) See Item II.B.2 of Exhibit I, Sheets 4a through 4f, Columns (3), (4), and (2), respectively for case outstanding, IBNR, and total outstanding..

(b) See Exhibit I, Sheet 2.

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of March 31, 2021

Impact of Changes in Inflation / Investment / Tail Factor

	Expected (a)	Alternative # 1	Alternative # 2	Alternative # 3	Alternative # 4	Alternative # 5
Assumptions :						
(1) Prospective Inflation Rate (Est.)	3.50%	3.00%	4.00%	7.50%	3.50%	3.50%
(2) Prospective Investment Return (Est.)	5.00%	5.00%	5.00%	9.00%	5.00%	5.00%
(3) Incurred Loss Development Factor - 387 to Ult.	1.0988	1.0988	1.0988	1.0988	1.1988	1.0000
	-----	-----	-----	-----	-----	-----
	(2)	(3)	(4)	(5)	(6)	(7)
I. Additional Parental Award - All Open Accepted and Unreported	38,550,000	38,550,000	38,550,000	38,550,000	38,550,000	38,550,000
II. Death Benefit Increase - All NICA Accepted + Unreported	12,411,661	12,411,661	12,411,661	11,202,476	12,411,661	12,411,661
III. Housing Assistance Up to \$ 100,000 for Life of Child - Applied to Open Accepted and Unreported	19,374,266	19,374,266	19,374,266	19,374,266	19,374,266	19,374,266
IV. Mental Health \$10,000 Per Family	18,847,614	18,847,614	18,847,614	12,522,306	18,847,614	18,847,614
V. Transportation	35,997,787	32,801,804	39,718,399	36,379,882	35,997,787	35,997,787
Subtotals: Items I. to V.	125,181,329	121,985,345	128,901,941	118,028,930	125,181,329	125,181,329

Notes: (a) See Appendix F, Exhibit I.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment IncomePrior to Consideration of Reinsurance Recoveries / Recoverables
Evaluated As of March 31, 2021

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 387 to Ult.	1.0988

Birth Year	Current Level Before Inflation and Present Value Adjust.		Actual (b) Paid Loss and Expense	Loss & Expense - After Inflation and Present Value Adjustment			Selected Ultimate Loss and Expense Present Value Basis (4) + (7)
	Case (a) Outstanding	Total (a) Outstanding		Case (a) Outstanding	Incurred But Not Reported (IBNR) & Bulk (7) - (5)	Total (a) Outstanding	
	(2)	(3)		(5)	(6)	(7)	(8)
1989	11,206,388	14,932,608	15,524,989	8,730,828	2,903,076	11,633,904	27,158,893
1990	6,180,283	8,315,329	6,766,619	5,144,004	1,777,053	6,921,057	13,687,675
1991	16,676,668	19,299,447	10,543,760	13,141,029	2,066,721	15,207,750	25,751,511
1992	34,493,549	40,789,400	17,471,991	26,973,036	4,923,188	31,896,223	49,368,215
1993	26,563,561	33,105,770	22,662,524	20,665,971	5,089,720	25,755,692	48,418,216
1994	13,754,170	17,035,500	8,024,698	9,785,296	2,334,476	12,119,771	20,144,469
1995	22,192,215	26,337,295	12,030,035	17,074,959	3,189,274	20,264,233	32,294,268
1996	20,523,057	24,855,104	10,797,904	16,005,402	3,378,451	19,383,853	30,181,757
1997	31,087,189	37,691,294	14,083,651	23,511,656	4,994,773	28,506,429	42,590,079
1998	50,938,525	61,668,513	24,086,267	38,317,190	8,071,356	46,388,547	70,474,814
1999	13,639,810	19,410,373	13,061,592	10,947,413	4,631,497	15,578,909	28,640,501
2000	10,997,200	15,145,013	6,927,175	8,325,528	3,139,222	11,464,750	18,391,924
2001	21,508,993	26,673,712	8,873,604	16,315,200	3,917,590	20,232,790	29,106,394
2002	54,795,609	66,919,236	18,819,133	42,133,217	9,322,050	51,455,267	70,274,400
2003	11,587,958	14,091,705	5,420,630	9,535,347	2,060,250	11,595,597	17,016,227
2004	23,353,325	28,350,652	6,011,890	17,272,523	3,696,110	20,968,632	26,980,523
2005	26,440,197	33,252,673	9,184,669	19,271,160	4,965,331	24,236,491	33,421,160
2006	41,562,447	50,287,029	10,708,281	31,168,114	6,542,655	37,710,769	48,419,051
2007	28,771,805	36,254,328	11,686,318	21,872,865	5,688,355	27,561,220	39,247,538
2008	46,434,024	56,527,570	7,148,296	33,069,483	7,188,443	40,257,926	47,406,223
2009	54,398,203	67,331,264	8,936,928	39,521,230	9,396,091	48,917,321	57,854,250
2010	28,507,071	34,761,745	3,285,284	19,159,801	4,203,810	23,363,611	26,648,895
2011	46,418,226	57,353,443	5,579,837	32,512,458	7,659,293	40,171,751	45,751,588
2012	31,873,645	39,306,248	3,618,178	21,748,695	5,071,570	26,820,265	30,438,443
2013	25,540,746	33,217,231	5,293,659	17,182,124	5,164,231	22,346,355	27,640,013
2014	29,861,137	40,910,218	6,062,481	19,939,949	7,378,089	27,318,038	33,380,519
2015	59,267,883	80,443,156	4,676,394	39,314,794	14,046,419	53,361,213	58,037,607
2016	17,414,171	28,452,091	1,020,960	11,495,120	7,286,148	18,781,268	19,802,228
2017	33,681,564	57,621,014	1,902,251	22,114,180	15,717,836	37,832,015	39,734,267
2018	47,613,546	85,186,917	2,826,833	31,121,034	24,558,603	55,679,637	58,506,470
2019	30,424,040	74,962,357	1,670,056	19,810,635	29,001,156	48,811,791	50,481,847
2020	2,977,386	68,089,064	8,525	1,927,710	42,156,595	44,084,306	44,092,831
2021 (3 Mo)	-	19,906,644	-	-	12,751,388	12,751,388	12,751,388
Totals:							
Excl. ULAE	920,684,591	1,318,483,943	284,715,413	665,107,951	274,270,817	939,378,769	1,224,094,182
ULAE (c)	N/A	N/A	N/A	-	14,978,330	14,978,330	N/A
Incl. ULAE	N/A	N/A	N/A	665,107,951	289,249,148	954,357,099	N/A

Notes: (a) Exhibit I, Sheet 3c plus Column (4) of Exhibit I, Sheet 3b. The estimates shown on Exhibit I, Sheet 3c are prior to inclusion of the reserve estimate for the retrospective portion of the class action settlement. Exhibit I, Sheet 3b summarizes the estimated reserves related to the retrospective portion of the class action.

(b) See Exhibit I, Sheet 3c, Column (4) plus Exhibit I, Sheet 3b, Column (3).

(c) See Exhibit I, Sheet 7. ULAE reserve estimates are developed based on an assumed expense inflation rate of three percent and investment return of five percent.

Summary of Case Reserves Related to Retroactive Portion of Class Action Settlement Agreement

Evaluated As of March 31, 2021

Birth Year	Incurred Amounts Related to Retroactive Payments (a) @ 3/31/21	Amounts Paid as of 3/31/21 Related to Retroactive Payments (a)	Case Reserves Related to Retroactive Payments (a) @ 3/31/21 (2) - (3)
-----	-----	-----	-----
(1)	(2)	(3)	(4)
1989	261,214	261,214	-
1990	758,051	758,051	-
1991	792,094	792,094	-
1992	1,951,145	1,951,145	-
1993	910,230	910,230	-
1994	634,196	634,196	-
1995	910,904	910,904	-
1996	797,021	797,021	-
1997	1,624,160	1,624,160	-
1998	2,006,630	2,006,630	-
1999	873,581	873,581	-
2000	599,907	589,907	10,000
2001	115,547	115,547	-
2002	840,587	840,587	-
2003	-	-	-
2004	-	-	-
2005	-	-	-
2006	-	-	-
2007	-	-	-
2008	-	-	-
2009	-	-	-
2010	-	-	-
2011	-	-	-
2012	-	-	-
2013	-	-	-
2014	-	-	-
2015	-	-	-
2016	-	-	-
2017	-	-	-
2018	-	-	-
2019	-	-	-
2020	-	-	-
2021 (3 Mo)	-	-	-
Totals:	13,075,266	13,065,266	10,000

Note: (a) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action settlement. The reserve estimates for the retrospective portion of this class action are excluded from the NICA reserve estimates as developed in Exhibit I, Sheet 3c and subsequent. The total reserves as shown in Exhibit I, Sheet 3a include both the retrospective estimates shown above plus the estimates for all prospective amounts.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment IncomePrior to Consideration of Reinsurance Recoveries / Recoverables - Prior to Inclusion of Retrospective Portion of Class Action
Evaluated As of March 31, 2021

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 387 to Ult.	1.0988

Excludes Case Reserves Related to Anticipated Retroactive Class Action Payments (a)

Birth Year	Current Level Before Inflation and Present Value Adjust.		Actual (b) Paid Loss and Expense	Loss & Expense - After Inflation and Present Value Adjustment			Selected Ultimate Loss and Expense Present Value Basis (4) + (7)	Average Inflation & Present Value Factor (7) / (3)
	Case (b) Outstanding	Total (b) Outstanding		Case (c) Outstanding (2) X (9)	Incurred But Not Reported (IBNR) & Bulk (7) - (5)	Total (c) Outstanding		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	11,206,388	14,932,608	15,263,776	8,730,828	2,903,076	11,633,904	26,897,679	0.77909
1990	6,180,283	8,315,329	6,008,568	5,144,004	1,777,053	6,921,057	12,929,624	0.83233
1991	16,676,668	19,299,447	9,751,666	13,141,029	2,066,721	15,207,750	24,959,417	0.78799
1992	34,493,549	40,789,400	15,520,846	26,973,036	4,923,188	31,896,223	47,417,070	0.78197
1993	26,563,561	33,105,770	21,752,295	20,665,971	5,089,720	25,755,692	47,507,986	0.77798
1994	13,754,170	17,035,500	7,390,503	9,785,296	2,334,476	12,119,771	19,510,274	0.71144
1995	22,192,215	26,337,295	11,119,131	17,074,959	3,189,274	20,264,233	31,383,364	0.76941
1996	20,523,057	24,855,104	10,000,883	16,005,402	3,378,451	19,383,853	29,384,736	0.77987
1997	31,087,189	37,691,294	12,459,490	23,511,656	4,994,773	28,506,429	40,965,919	0.75631
1998	50,938,525	61,668,513	22,079,637	38,317,190	8,071,356	46,388,547	68,468,184	0.75222
1999	13,639,810	19,410,373	12,188,011	10,947,413	4,631,497	15,578,909	27,766,920	0.80261
2000	10,987,200	15,135,013	6,337,267	8,315,528	3,139,222	11,454,750	17,792,017	0.75684
2001	21,508,993	26,673,712	8,758,057	16,315,200	3,917,590	20,232,790	28,990,847	0.75853
2002	54,795,609	66,919,236	17,978,546	42,133,217	9,322,050	51,455,267	69,433,813	0.76892
2003	11,587,958	14,091,705	5,420,630	9,535,347	2,060,250	11,595,597	17,016,227	0.82287
2004	23,353,325	28,350,652	6,011,890	17,272,523	3,696,110	20,968,632	26,980,523	0.73962
2005	26,440,197	33,252,673	9,184,669	19,271,160	4,965,331	24,236,491	33,421,160	0.72886
2006	41,562,447	50,287,029	10,708,281	31,168,114	6,542,655	37,710,769	48,419,051	0.74991
2007	28,771,805	36,254,328	11,686,318	21,872,865	5,688,355	27,561,220	39,247,538	0.76022
2008	46,434,024	56,527,570	7,148,296	33,069,483	7,188,443	40,257,926	47,406,223	0.71218
2009	54,398,203	67,331,264	8,936,928	39,521,230	9,396,091	48,917,321	57,854,250	0.72652
2010	28,507,071	34,761,745	3,285,284	19,159,801	4,203,810	23,363,611	26,648,895	0.67211
2011	46,418,226	57,353,443	5,579,837	32,512,458	7,659,293	40,171,751	45,751,588	0.70042
2012	31,873,645	39,306,248	3,618,178	21,748,695	5,071,570	26,820,265	30,438,443	0.68234
2013	25,540,746	33,217,231	5,293,659	17,182,124	5,164,231	22,346,355	27,640,013	0.67273
2014	29,861,137	40,910,218	6,062,481	19,939,949	7,378,089	27,318,038	33,380,519	0.66776
2015	59,267,883	80,443,156	4,676,394	39,314,794	14,046,419	53,361,213	58,037,607	0.66334
2016	17,414,171	28,452,091	1,020,960	11,495,120	7,286,148	18,781,268	19,802,228	0.66010
2017	33,681,564	57,621,014	1,902,251	22,114,180	15,717,836	37,832,015	39,734,267	0.65657
2018	47,613,546	85,186,917	2,826,833	31,121,034	24,558,603	55,679,637	58,506,470	0.65362
2019	30,424,040	74,962,357	1,670,056	19,810,635	29,001,156	48,811,791	50,481,847	0.65115
2020	2,977,386	68,089,064	8,525	1,927,710	42,156,595	44,084,306	44,092,831	0.64745
2021 (3 Mo)	-	19,906,644	-	-	12,751,388	12,751,388	12,751,388	0.64056
Totals:								
Excl. ULAE	920,674,591	1,318,473,943	271,650,147	665,097,951	274,270,817	939,368,769	1,211,018,916	0.71247
ULAE (d)	N/A	N/A	N/A	-	14,978,330	14,978,330	N/A	N/A
Incl. ULAE	N/A	N/A	N/A	665,097,951	289,249,148	954,347,099	N/A	N/A

Notes: (a) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 3b.

(b) See Exhibit III, Columns (8), (5) and (6) for case outstanding, total outstanding (case, bulk and IBNR) and paid, respectively.

(c) Based on application of the inflation and discount factors to the estimated payment stream as shown in Exhibit II, Sheets 2a, 2b, 3a, 3b, 4a, 4b, 5a, and 5b.

(d) See Exhibit I, Sheet 7. ULAE reserve estimates are developed based on an assumed expense inflation rate of three percent and investment return of five percent rather than the three and one-half percent inflation assumed for loss and ALAE.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income
Excluding ULAE Expense Reserve
Prior to Consideration of Reinsurance Recoveries / Recoverables
Evaluated As of March 31, 2021

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 387 to Ult.	1.0988

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 3/31/21 ----- (2)	Case Outstanding Loss & ALAE @ 3/31/21 ----- (3)	Bulk / IBNR Loss & ALAE @ 3/31/21 (2) - (3) ----- (4)
I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments			
A. 2021 Level Basis (a)	1,318,473,943	920,674,591	397,799,351
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	3,990,050,636	N/A	N/A
2. After Anticipated Investment Returns (b)	939,368,769	665,097,951	274,270,817
II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)			
A. 2021 Level Basis (d)	1,318,483,943	920,684,591	397,799,351
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	3,990,060,636	N/A	N/A
2. After Anticipated Investment Returns (d)	939,378,769	665,107,951	274,270,817

Notes: (a) See Exhibit I, Sheet 3c.

(b) See Exhibit I, Sheet 5, Columns (7) and (8). The allocation to case and bulk / IBNR is shown on Exhibit I, Sheet 3c, Columns (5) and (6).

(c) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 3b.

(d) See Exhibit I, Sheet 3a.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income
Excluding ULAE Expense Reserve
Prior to Consideration of Reinsurance Recoveries / Recoverables
Evaluated As of March 31, 2021

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.00%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 387 to Ult.	1.0988

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 3/31/21 ----- (2)	Case Outstanding Loss & ALAE @ 3/31/21 ----- (3)	Bulk / IBNR Loss & ALAE @ 3/31/21 (2) - (3) ----- (4)
I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments			
A. 2021 Level Basis (a)	1,318,473,943	920,674,591	397,799,351
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	3,317,326,643	N/A	N/A
2. After Anticipated Investment Returns (b)	849,265,999	603,640,552	245,625,447
II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)			
A. 2021 Level Basis	1,318,483,943	920,684,591	397,799,351
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	3,317,336,643	N/A	N/A
2. After Anticipated Investment Returns	849,275,999	603,650,552	245,625,447

Notes: (a) Calculations for alternative assumption sets are not shown. However the calculations are similar to Exhibit III.

(b) Calculations for alternative assumption sets are not shown. However they are similar to those shown in Exhibit I, Sheet 5.

(c) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 3b.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income
Excluding ULAE Expense Reserve
Prior to Consideration of Reinsurance Recoveries / Recoverables
Evaluated As of March 31, 2021

Assumptions :

(1) Prospective Inflation Rate (Est.)	4.00%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 387 to Ult.	1.0988

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 3/31/21 ----- (2)	Case Outstanding Loss & ALAE @ 3/31/21 ----- (3)	Bulk / IBNR Loss & ALAE @ 3/31/21 (2) - (3) ----- (4)
I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments			
A. 2021 Level Basis (a)	1,318,473,943	920,674,591	397,799,351
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	4,843,117,575	N/A	N/A
2. After Anticipated Investment Returns (b)	1,045,124,262	736,846,170	308,278,092
II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)			
A. 2021 Level Basis	1,318,483,943	920,684,591	397,799,351
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	4,843,127,575	N/A	N/A
2. After Anticipated Investment Returns	1,045,134,262	736,856,170	308,278,092

Notes: (a) Calculations for alternative assumption sets are not shown. However the calculations are similar to Exhibit III.

(b) Calculations for alternative assumption sets are not shown. However they are similar to those shown in Exhibit I, Sheet 5.

(c) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 3b.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income
Excluding ULAE Expense Reserve
Prior to Consideration of Reinsurance Recoveries / Recoverables
Evaluated As of March 31, 2021

Assumptions :

(1) Prospective Inflation Rate (Est.)	7.50%
(2) Prospective Investment Return (Est.)	9.00%
(3) Incurred Loss Development Factor - 387 to Ult.	1.0988

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 3/31/21 ----- (2)	Case Outstanding Loss & ALAE @ 3/31/21 ----- (3)	Bulk / IBNR Loss & ALAE @ 3/31/21 (2) - (3) ----- (4)
I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments			
A. 2021 Level Basis (a)	1,318,473,943	920,674,591	397,799,351
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	23,955,450,254	N/A	N/A
2. After Anticipated Investment Returns (b)	950,188,205	672,456,575	277,731,629
II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)			
A. 2021 Level Basis	1,318,483,943	920,684,591	397,799,351
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	23,955,460,254	N/A	N/A
2. After Anticipated Investment Returns	950,198,205	672,466,575	277,731,629

Notes: (a) Calculations for alternative assumption sets are not shown. However the calculations are similar to Exhibit III.
(b) Calculations for alternative assumption sets are not shown. However they are similar to those shown in Exhibit I, Sheet 5.
(c) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 3b.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income
Excluding ULAE Expense Reserve
Prior to Consideration of Reinsurance Recoveries / Recoverables
Evaluated As of March 31, 2021

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 387 to Ult.	1.1988

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 3/31/21 ----- (2)	Case Outstanding Loss & ALAE @ 3/31/21 ----- (3)	Bulk / IBNR Loss & ALAE @ 3/31/21 (2) - (3) ----- (4)
I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments			
A. 2021 Level Basis (a)	1,463,519,838	920,674,591	542,845,247
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	4,467,904,161	N/A	N/A
2. After Anticipated Investment Returns (b)	1,039,496,677	662,877,143	376,619,534
II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)			
A. 2021 Level Basis	1,463,529,838	920,684,591	542,845,247
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	4,467,914,161	N/A	N/A
2. After Anticipated Investment Returns	1,039,506,677	662,887,143	376,619,534

Notes: (a) Calculations for alternative assumption sets are not shown. However the calculations are similar to Exhibit III.

(b) Calculations for alternative assumption sets are not shown. However they are similar to those shown in Exhibit I, Sheet 5.

(c) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 3b.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income
Excluding ULAE Expense Reserve
Prior to Consideration of Reinsurance Recoveries / Recoverables
Evaluated As of March 31, 2021

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 387 to Ult.	1.0000

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 3/31/21 ----- (2)	Case Outstanding Loss & ALAE @ 3/31/21 ----- (3)	Bulk / IBNR Loss & ALAE @ 3/31/21 (2) - (3) ----- (4)
I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments			
A. 2021 Level Basis (a)	1,175,588,907	920,674,591	254,914,316
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	3,519,846,687	N/A	N/A
2. After Anticipated Investment Returns (b)	840,682,258	667,663,452	173,018,806
II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)			
A. 2021 Level Basis	1,175,598,907	920,684,591	254,914,316
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	3,519,856,687	N/A	N/A
2. After Anticipated Investment Returns	840,692,258	667,673,452	173,018,806

Notes: (a) Calculations for alternative assumption sets are not shown. However the calculations are similar to Exhibit III.

(b) Calculations for alternative assumption sets are not shown. However they are similar to those shown in Exhibit I, Sheet 5.

(c) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basesy class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 3b.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
 Estimated Prospective Period Cost Level Basis - After Future Inflation & Anticipated Investment Income
 Excluding ULAE Expense Reserve
 Before Consideration of Reinsurance Recoveries
 Excluding Estimated Retroactive Class Action Payments

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%

Calendar Year	2021 Level Basis (a) Before Invest. Income	Prospective Period Level Basis Estimated Prospective Period Loss & ALAE		Calendar Year	2021 Level Basis (a) Before Invest. Income	Prospective Period Level Basis Estimated Prospective Period Loss & ALAE	
		After Inflation Before (b) Invest. Income	After (c) Inflation and Invest. Income			After Inflation Before (b) Invest. Income	After (c) Inflation and Invest. Income
		(3)	(4)			(7)	(8)
2021	28,835,121	29,209,520	28,679,952	2071	10,765,631	60,644,592	5,224,320
2022	26,048,412	27,192,973	25,584,095	2072	10,249,346	59,757,040	4,902,725
2023	30,780,151	33,257,266	29,799,612	2073	9,715,888	58,629,444	4,581,154
2024	30,656,274	34,282,739	29,255,686	2074	9,213,436	57,543,363	4,282,181
2025	32,225,962	37,299,446	30,314,322	2075	8,970,611	57,987,714	4,109,761
2026	29,682,271	35,557,725	27,522,643	2076	8,765,191	58,642,938	3,958,284
2027	36,868,395	45,712,125	33,697,547	2077	7,791,142	53,950,542	3,468,149
2028	28,783,356	36,936,774	25,932,031	2078	7,331,801	52,546,732	3,217,054
2029	28,567,720	37,943,157	25,370,075	2079	6,883,234	51,058,484	2,977,085
2030	31,118,919	42,778,223	27,240,917	2080	6,726,435	51,641,714	2,867,706
2031	27,931,419	39,740,341	24,101,344	2081	6,022,303	47,854,051	2,530,833
2032	27,736,691	40,844,500	23,591,414	2082	5,617,107	46,196,508	2,326,830
2033	27,142,951	41,369,126	22,756,603	2083	5,472,041	46,578,563	2,234,355
2034	32,235,509	50,850,376	26,640,106	2084	4,872,997	42,931,228	1,961,328
2035	28,203,488	46,047,155	22,974,988	2085	4,606,082	41,999,982	1,827,413
2036	26,238,143	44,337,728	21,068,646	2086	4,169,945	39,353,938	1,630,746
2037	25,710,878	44,967,381	20,350,331	2087	3,833,184	37,441,896	1,477,634
2038	25,611,429	46,361,218	19,982,022	2088	3,530,781	35,695,159	1,341,618
2039	25,505,868	47,786,090	19,615,383	2089	3,231,214	33,809,955	1,210,250
2040	27,272,528	52,884,345	20,674,410	2090	3,117,216	33,758,729	1,150,872
2041	28,855,909	57,913,104	21,562,223	2091	2,712,914	30,408,547	987,296
2042	24,344,747	50,569,389	17,931,437	2092	2,451,654	28,441,934	879,471
2043	23,794,127	51,155,525	17,275,501	2093	2,210,820	26,545,672	781,748
2044	23,783,584	52,922,509	17,021,163	2094	1,976,967	24,568,574	689,071
2045	24,644,407	56,757,316	17,385,266	2095	1,798,743	23,136,097	617,995
2046	23,484,899	55,979,953	16,330,622	2096	1,587,229	21,130,074	537,534
2047	23,099,043	56,987,312	15,832,849	2097	1,428,072	19,676,684	476,725
2048	25,636,265	65,460,494	17,320,917	2098	1,244,176	17,742,863	409,402
2049	22,629,801	59,806,118	15,071,203	2099	1,096,118	16,178,552	355,531
2050	24,058,790	65,808,048	15,793,996	2100	967,541	14,780,600	309,343
2051	22,376,812	63,349,587	14,479,964	2101	831,320	13,144,114	261,993
2052	21,980,980	64,406,986	14,020,625	2102	707,953	11,585,318	219,926
2053	21,344,280	64,730,324	13,420,011	2103	606,057	10,264,967	185,583
2054	20,685,891	64,929,321	12,820,255	2104	519,962	9,114,985	156,945
2055	22,965,063	74,606,149	14,029,466	2105	434,940	7,891,397	129,406
2056	19,717,616	66,298,198	11,873,505	2106	357,488	6,713,148	104,843
2057	18,942,230	65,920,242	11,243,634	2107	297,654	5,785,178	86,048
2058	18,333,049	66,033,259	10,726,582	2108	247,319	4,975,109	70,475
2059	17,673,210	65,884,585	10,192,791	2109	203,313	4,233,029	57,108
2060	18,077,045	69,748,708	10,276,759	2110	150,942	3,252,652	41,792
2061	16,404,293	65,509,847	9,192,577	2111	121,341	2,706,279	33,116
2062	17,298,656	71,499,299	9,555,275	2112	92,648	2,138,666	24,924
2063	15,250,794	65,241,246	8,303,752	2113	72,185	1,724,612	19,142
2064	14,690,295	65,043,012	7,884,306	2114	59,170	1,463,151	15,466
2065	14,597,428	66,893,947	7,722,543	2115	38,040	973,583	9,801
2066	13,490,735	63,986,219	7,035,106	2116	31,268	828,256	7,941
2067	12,927,914	63,462,860	6,645,299	2117	25,470	698,285	6,376
2068	12,430,783	63,158,239	6,298,478	2118	16,934	480,528	4,179
2069	12,744,915	67,020,677	6,365,392	2119	11,177	328,251	2,719
2070	11,867,001	64,588,202	5,842,251	2120	2,898	88,082	695
Subtotals:	1,165,286,043	2,711,028,881	874,605,878	Subtotals:	153,187,899	1,279,021,756	64,762,891
				Totals - All Years	1,318,473,943	3,990,050,636	939,368,769

Notes: (a) See Exhibit II, Sheet 1, Columns (2) and (4).

(b) Calculated based on estimated incremental payments shown in columns (2) and (6) and the estimated annual inflation rate shown in Assumption #1 above. Payments are assumed to be made at the midpoint of each year.

(c) The inflated amounts before discount as shown in columns (3) and (7) are discounted to March 31, 2021 based on the assumed investment rate shown in Assumption # 2.

Summary of Estimates By Component - Outstanding Loss & Expense

Net of Estimated Reinsurance Recoveries / Recoverables

Evaluated As of March 31, 2021

Birth Year	Prior to Reinsurance Recovery			Actual Reinsurance Recovery (c) @ 3/31/21			Experience Refund Received to Date (c)	Net of Reinsurance Basis		
	Total O/S Loss and Exp. After Inflation and P.V. (a) Adjustment	Actual (b) Paid Loss and Expense	Current Value Ultimate Loss & ALAE (2) + (3)	Specific Excess Recovered	Aggregate Excess Recovered	Total Excess Recovered (5) + (6)		Paid Loss & Expense (3)-(7)-(8)	Outstanding Loss and Expense After Inflation and P.V. Col (2)	Indicated Ultimate After Inflation and P.V. (9) + (10)
	(1)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	11,633,904	15,524,989	27,158,893					15,524,989	11,633,904	27,158,893
1990	6,921,057	6,766,619	13,687,675					6,766,619	6,921,057	13,687,675
1991	15,207,750	10,543,760	25,751,511					10,543,760	15,207,750	25,751,511
1992	31,896,223	17,471,991	49,368,215	-	477,375	477,375	-	16,994,616	31,896,223	48,890,840
1993	25,755,692	22,662,524	48,418,216	11,408,065	10,000,000	21,408,065	-	1,254,459	25,755,692	27,010,151
1994	12,119,771	8,024,698	20,144,469	1,726,833	-	1,726,833	423,375	5,874,490	12,119,771	17,994,261
1995	20,264,233	12,030,035	32,294,268	2,497,577	-	2,497,577	375,000	9,157,458	20,264,233	29,421,692
1996	19,383,853	10,797,904	30,181,757	959,723	-	959,723	408,750	9,429,431	19,383,853	28,813,284
1997	28,506,429	14,083,651	42,590,079	2,132,728	-	2,132,728	423,750	11,527,172	28,506,429	40,033,601
1998	46,388,547	24,086,267	70,474,814	2,683,139	-	2,683,139	-	21,403,128	46,388,547	67,791,675
1999	15,578,909	13,061,592	28,640,501	3,143,106	2,856,684	5,999,790	-	7,061,802	15,578,909	22,640,711
2000	11,464,750	6,927,175	18,391,924	2,150,848	259,047	2,409,894	-	4,517,280	11,464,750	15,982,030
2001	20,232,790	8,873,604	29,106,394	2,708,409	259,047	2,967,456	-	5,906,147	20,232,790	26,138,938
2002	51,455,267	18,819,133	70,274,400	7,573,122	5,382,417	12,955,540	-	5,863,593	51,455,267	57,318,860
2003	11,595,597	5,420,630	17,016,227	2,257,865	-	2,257,865	-	3,162,765	11,595,597	14,758,362
2004	20,968,632	6,011,890	26,980,523					6,011,890	20,968,632	26,980,523
2005	24,236,491	9,184,669	33,421,160					9,184,669	24,236,491	33,421,160
2006	37,710,769	10,708,281	48,419,051					10,708,281	37,710,769	48,419,051
2007	27,561,220	11,686,318	39,247,538					11,686,318	27,561,220	39,247,538
2008	40,257,926	7,148,296	47,406,223					7,148,296	40,257,926	47,406,223
2009	48,917,321	8,936,928	57,854,250					8,936,928	48,917,321	57,854,250
2010	23,363,611	3,285,284	26,648,895					3,285,284	23,363,611	26,648,895
2011	40,171,751	5,579,837	45,751,588					5,579,837	40,171,751	45,751,588
2012	26,820,265	3,618,178	30,438,443					3,618,178	26,820,265	30,438,443
2013	22,346,355	5,293,659	27,640,013					5,293,659	22,346,355	27,640,013
2014	27,318,038	6,062,481	33,380,519					6,062,481	27,318,038	33,380,519
2015	53,361,213	4,676,394	58,037,607					4,676,394	53,361,213	58,037,607
2016	18,781,268	1,020,960	19,802,228					1,020,960	18,781,268	19,802,228
2017	37,832,015	1,902,251	39,734,267					1,902,251	37,832,015	39,734,267
2018	55,679,637	2,826,833	58,506,470					2,826,833	55,679,637	58,506,470
2019	48,811,791	1,670,056	50,481,847					1,670,056	48,811,791	50,481,847
2020	44,084,306	8,525	44,092,831					8,525	44,084,306	44,092,831
2021 (3 Mo)	12,751,388	-	12,751,388					-	12,751,388	12,751,388
Totals:										
Excl. ULAE	939,378,769	284,715,413	1,224,094,182	39,241,415	19,234,570	58,475,985	1,630,875	224,608,553	939,378,769	1,163,987,322
ULAE (d)								N/A	14,978,330	N/A
Incl. ULAE								N/A	954,357,099	N/A

Notes: (a) See Exhibit I, Sheet 3a, Column (7).

(b) See Exhibit I, Sheet 3a, Column (4).

(c) See Exhibit I, Sheet 6b.

(d) See Exhibit I, Sheet 7.

Summary of Actual Reinsurance Recovered

Evaluated As of March 31, 2021

Birth Year	Specific Excess Reinsurance (a)					Aggregate Excess Reinsurance (a)					Experience Refund Received to Date (b)
	Retention	Excess Layer	Actual Recovered @ 3/31/21			Retention	Excess Layer	Actual Recovered @ 3/31/21			
			AUL/RMS	Munich Re	Gen Re			AUL/RMS	Munich Re	Gen Re	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1989	100%	N/A				100%	N/A				
1990	100%	N/A				100%	N/A				
1991	100%	N/A				100%	N/A				
1992	4,000,000	2,500,000	-			21,530,000	10,000,000	477,375			
1993	4,000,000	2,500,000	11,408,065			21,530,000	10,000,000	10,000,000			
1994	4,000,000	2,500,000	1,726,833			21,530,000	10,000,000	-			423,375
1995	4,000,000	2,500,000	2,497,577			19,940,000	10,000,000	-			375,000
1996	4,000,000	2,500,000	959,723			19,940,000	10,000,000	-			408,750
1997	4,000,000	2,500,000	2,132,728			22,900,000	10,000,000	-			423,750
1998	4,250,000	2,500,000	2,683,139			23,500,000	10,000,000	-			
1999	4,250,000	2,500,000		3,143,106	-	20,000,000	13,000,000		2,597,638	259,047	
2000	4,250,000	2,500,000		2,150,848	-	20,000,000	13,000,000		-	259,047	
2001	4,250,000	2,500,000		2,708,409	-	20,000,000	13,000,000		-	259,047	
2002	4,250,000	2,500,000			7,573,122	23,637,681	13,000,000			5,382,417	
2003	4,250,000	2,500,000			2,257,865	25,144,928	13,000,000			-	
2004	100%	N/A									
2005	100%	N/A									
2006	100%	N/A									
2007	100%	N/A									
2008	100%	N/A									
2009	100%	N/A									
2010	100%	N/A									
2011	100%	N/A									
2012	100%	N/A									
2013	100%	N/A									
2014	100%	N/A									
2015	100%	N/A									
2016	100%	N/A									
2017	100%	N/A									
2018	100%	N/A									
2019	100%	N/A									
2020	100%	N/A									
2021 (3 Mo)	100%	N/A									
Totals:			21,408,065	8,002,362	9,830,987			10,477,375	2,597,638	6,159,558	1,630,875
Total Specific & Aggregate Excess			31,885,440	10,600,000	15,990,545						

Notes: (a) The specific and aggregate excess recoveries and recoverables shown are based on final amounts received as a result of negotiations and arbitration proceedings for birth years 1992 to 2003 (AUL/RMS, Munich Re, and Gen Re). The treaties for AUL/RMS, Munich Re, and Gen Re had been commuted. The amounts recovered to date from the various reinsurers (AUL/RMS, Munich Re, and Gen Re) are based on four separate reinsurance negotiation / arbitration proceedings. It is our understanding amounts received to date are \$21,408,065 (birth year 1993), \$10,000,000 (birth years 1994 to 1998), \$10,600,000 (birth years 1999 to 2001 with Munich Re), and \$15,990,545 (birth years 1999 to 2003 with Gen Re). These amounts have been allocated to each birth year based on the calculated recoverables developed as of September 30, 2012 and May 30, 2019..

(b) Actual experience refund received to date.

Development of Unallocated Loss Adjustment Expense (ULAE) Reserve
Portion Related to Claims Settlement
Evaluated As of March 31, 2021

Assumptions:

- | | |
|---|---------|
| 1. Estimated Calendar Year 2021 Level ULAE Payment (a): | 767,120 |
| 2. Prospective Inflation Rate - Expense (b): | 3.00% |
| 3. Prospective Investment Return (b): | 5.00% |

Year	2021 Level Expense	Prospective Loss Level (Inflation) Factor	Present Value Factor	Before Mortality		Weighted Average Probability of Survival	After Mortality	
				Prospective Level Expense (2) x (3)	Present Value of Prospective Level Expense (5) x (4)		Prospective Level Expense (5) x (7)	Present Value of Prospective Level Expense (6) x (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	767,120	1.015	0.976	778,542	759,779	0.9761	759,900	741,586
2	767,120	1.045	0.929	801,898	745,307	0.9572	767,581	713,412
3	767,120	1.077	0.885	825,955	731,111	0.9384	775,073	686,072
4	767,120	1.109	0.843	850,734	717,185	0.9196	782,357	659,542
5	767,120	1.142	0.803	876,256	703,524	0.9009	789,415	633,802
6	767,120	1.177	0.765	902,543	690,124	0.8822	796,230	608,832
7	767,120	1.212	0.728	929,620	676,978	0.8636	802,782	584,611
8	767,120	1.248	0.694	957,508	664,084	0.8450	809,051	561,121
9	767,120	1.286	0.661	986,233	651,434	0.8264	815,016	538,341
10	767,120	1.324	0.629	1,015,820	639,026	0.8079	820,653	516,252
11	767,120	1.364	0.599	1,046,295	626,854	0.7894	825,941	494,836
12	767,120	1.405	0.571	1,077,684	614,914	0.7710	830,857	474,078
13	767,120	1.447	0.543	1,110,014	603,201	0.7526	835,382	453,961
14	767,120	1.490	0.518	1,143,315	591,712	0.7343	839,496	434,473
15	767,120	1.535	0.493	1,177,614	580,441	0.7160	843,180	415,600
16	767,120	1.581	0.469	1,212,943	569,385	0.6978	846,414	397,328
17	767,120	1.629	0.447	1,249,331	558,540	0.6797	849,176	379,642
18	767,120	1.677	0.426	1,286,811	547,901	0.6617	851,440	362,528
19	767,120	1.728	0.406	1,325,415	537,465	0.6437	853,181	345,971
20	767,120	1.780	0.386	1,365,178	527,227	0.6258	854,371	329,955
21	767,120	1.833	0.368	1,406,133	517,185	0.6080	854,981	314,467
22	767,120	1.888	0.350	1,448,317	507,334	0.5903	854,980	299,493
23	767,120	1.945	0.334	1,491,767	497,670	0.5727	854,337	285,017
24	767,120	2.003	0.318	1,536,520	488,191	0.5552	853,019	271,026
25	767,120	2.063	0.303	1,582,615	478,892	0.5377	850,992	257,506
26	767,120	2.125	0.288	1,630,094	469,770	0.5204	848,222	244,446
27	767,120	2.189	0.274	1,678,996	460,822	0.5031	844,676	231,832
28	767,120	2.254	0.261	1,729,366	452,045	0.4859	840,322	219,655
29	767,120	2.322	0.249	1,781,247	443,434	0.4688	835,129	207,902
30	767,120	2.392	0.237	1,834,685	434,988	0.4519	829,067	196,565
31	767,120	2.463	0.226	1,889,725	426,702	0.4350	822,107	185,633
32	767,120	2.537	0.215	1,946,417	418,575	0.4183	814,222	175,097
33	767,120	2.613	0.205	2,004,809	410,602	0.4017	805,387	164,950
34	767,120	2.692	0.195	2,064,954	402,781	0.3853	795,578	155,182
35	767,120	2.773	0.186	2,126,902	395,109	0.3690	784,774	145,785
36	767,120	2.856	0.177	2,190,709	387,583	0.3528	772,957	136,752
37	767,120	2.941	0.168	2,256,431	380,200	0.3369	760,112	128,076
38	767,120	3.030	0.160	2,324,124	372,959	0.3211	746,230	119,750
39	767,120	3.121	0.153	2,393,847	365,855	0.3055	731,305	111,766
40	767,120	3.214	0.146	2,465,663	358,886	0.2901	715,339	104,120
41	767,120	3.311	0.139	2,539,633	352,050	0.2750	698,345	96,806
42	767,120	3.410	0.132	2,615,822	345,344	0.2601	680,342	89,820
43	767,120	3.512	0.126	2,694,296	338,766	0.2455	661,357	83,155
44	767,120	3.618	0.120	2,775,125	332,314	0.2311	641,425	76,809
45	767,120	3.726	0.114	2,858,379	325,984	0.2171	620,592	70,775
46	767,120	3.838	0.109	2,944,130	319,775	0.2034	598,911	65,050
47	767,120	3.953	0.103	3,032,454	313,684	0.1901	576,449	59,629
48	767,120	4.072	0.099	3,123,428	307,709	0.1771	553,278	54,507
49	767,120	4.194	0.094	3,217,131	301,848	0.1646	529,481	49,679
50	767,120	4.320	0.089	3,313,645	296,098	0.1524	505,148	45,139
Totals:	38,356,000			87,817,073	24,639,344		38,626,563	14,978,330

Notes: (a) Estimated current level (2021) unallocated expense based on expense allocation of expected on-going claims expense.

(b) Investment and inflation rates consistent with selection used in loss and ALAE reserve estimates. Inflation rate slightly less than applied to loss and ALAE due to difference in expected inflation related to loss adjustment expenses.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries

Reserve @ 3/31/21 1,318,473,943

Calendar Year	Estimated Prospective Period Payments 2021 Level Basis (a)	Calendar Year	Estimated Prospective Period Payments 2021 Level Basis (a)
-----	-----	-----	-----
(1)	(2)	(3)	(4)
2021	28,835,121	2071	10,765,631
2022	26,048,412	2072	10,249,346
2023	30,780,151	2073	9,715,888
2024	30,656,274	2074	9,213,436
2025	32,225,962	2075	8,970,611
2026	29,682,271	2076	8,765,191
2027	36,868,395	2077	7,791,142
2028	28,783,356	2078	7,331,801
2029	28,567,720	2079	6,883,234
2030	31,118,919	2080	6,726,435
2031	27,931,419	2081	6,022,303
2032	27,736,691	2082	5,617,107
2033	27,142,951	2083	5,472,041
2034	32,235,509	2084	4,872,997
2035	28,203,488	2085	4,606,082
2036	26,238,143	2086	4,169,945
2037	25,710,878	2087	3,833,184
2038	25,611,429	2088	3,530,781
2039	25,505,868	2089	3,231,214
2040	27,272,528	2090	3,117,216
2041	28,855,909	2091	2,712,914
2042	24,344,747	2092	2,451,654
2043	23,794,127	2093	2,210,820
2044	23,783,584	2094	1,976,967
2045	24,644,407	2095	1,798,743
2046	23,484,899	2096	1,587,229
2047	23,099,043	2097	1,428,072
2048	25,636,265	2098	1,244,176
2049	22,629,801	2099	1,096,118
2050	24,058,790	2100	967,541
2051	22,376,812	2101	831,320
2052	21,980,980	2102	707,953
2053	21,344,280	2103	606,057
2054	20,685,891	2104	519,962
2055	22,965,063	2105	434,940
2056	19,717,616	2106	357,488
2057	18,942,230	2107	297,654
2058	18,333,049	2108	247,319
2059	17,673,210	2109	203,313
2060	18,077,045	2110	150,942
2061	16,404,293	2111	121,341
2062	17,298,656	2112	92,648
2063	15,250,794	2113	72,185
2064	14,690,295	2114	59,170
2065	14,597,428	2115	38,040
2066	13,490,735	2116	31,268
2067	12,927,914	2117	25,470
2068	12,430,783	2118	16,934
2069	12,744,915	2119	11,177
2070	11,867,001	2120	2,898
Subtotals:	1,165,286,043	Subtotals:	153,187,899
		Totals - All Years	1,318,473,943

Note: (a) See Column (5) of Exhibit II, Sheets 2a and 2b.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries
Evaluated As of March 31, 2021

Calendar Year	BY 2019	BY 2020	BY 2021	Totals All BY'S (c)
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(1)	(2)	(3)	(4)	(5)
Reserve @ 3/31/21 (a)	74,962,357	68,089,064	19,906,644	1,318,473,943

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2021	1,122,018	753,758	60,202	28,835,121
2022	1,421,590	1,337,139	291,861	26,048,412
2023	1,200,323	1,270,611	388,313	30,780,151
2024	1,371,625	1,072,843	368,993	30,656,274
2025	1,097,381	1,225,953	311,560	32,225,962
2026	967,364	980,835	356,024	29,682,271
2027	947,817	864,626	284,840	36,868,395
2028	856,091	847,155	251,093	28,783,356
2029	981,997	765,170	246,019	28,567,720
2030	1,248,167	877,705	222,210	31,118,919
2031	1,047,967	1,115,606	254,891	27,931,419
2032	1,093,983	936,668	323,979	27,736,691
2033	1,069,301	977,797	272,014	27,142,951
2034	1,276,490	955,736	283,958	32,235,509
2035	1,053,373	1,140,921	277,552	28,203,488
2036	1,070,640	941,500	331,330	26,238,143
2037	1,058,430	956,933	273,417	25,710,878
2038	1,032,745	946,020	277,899	25,611,429
2039	1,019,115	923,063	274,730	25,505,868
2040	1,211,682	910,880	268,063	27,272,528
2041	1,133,464	1,082,996	264,525	28,855,909
2042	1,176,495	1,013,085	314,509	24,344,747
2043	1,288,867	1,051,546	294,206	23,794,127
2044	1,226,624	1,151,983	305,375	23,783,584
2045	1,252,644	1,096,351	334,543	24,644,407
2046	1,316,880	1,119,607	318,387	23,484,899
2047	1,196,920	1,177,021	325,141	23,099,043
2048	1,144,957	1,069,802	341,814	25,636,265
2049	1,065,075	1,023,358	310,677	22,629,801
2050	1,634,665	951,959	297,189	24,058,790
2051	1,622,008	1,461,056	276,455	22,376,812
2052	1,578,874	1,449,744	424,300	21,980,980
2053	1,541,410	1,411,190	421,014	21,344,280
2054	1,494,703	1,377,705	409,818	20,685,891
2055	1,474,855	1,335,959	400,094	22,965,063
2056	1,427,841	1,318,219	387,971	19,717,616
2057	1,407,455	1,276,198	382,819	18,942,230
2058	1,336,646	1,257,977	370,616	18,333,049
2059	1,287,548	1,194,688	365,324	17,673,210
2060	1,239,795	1,150,805	346,945	18,077,045
2061	1,199,318	1,108,123	334,201	16,404,293
2062	1,194,734	1,071,945	321,806	17,298,656
2063	1,166,346	1,067,848	311,299	15,250,794
2064	1,129,307	1,042,475	310,110	14,690,295
2065	1,075,820	1,009,370	302,741	14,597,428
2066	1,043,256	961,563	293,127	13,490,735
2067	1,029,922	932,458	279,244	12,927,914
2068	991,996	920,540	270,791	12,430,783
2069	964,605	886,642	267,330	12,744,915
2070	936,808	862,160	257,486	11,867,001
Subtotals 2021 to 2070:	59,727,940	53,635,295	15,458,805	1,165,286,043

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

(c) Sum of columns (2) to (11) of Exhibit II Sheets 3a, 4a, 5a, and columns (2), (3), and (4) above.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries
Evaluated As of March 31, 2021

Calendar Year	BY 2019	BY 2020	BY 2021	Totals All BY'S (c)
(1)	(2)	(3)	(4)	(5)
Reserve @ 3/31/21 (a)	74,962,357	68,089,064	19,906,644	1,318,473,943

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2071	899,291	837,315	250,376	10,765,631
2072	865,806	803,782	243,161	10,249,346
2073	829,415	773,854	233,423	9,715,888
2074	791,833	741,328	224,732	9,213,436
2075	761,837	707,737	215,286	8,970,611
2076	731,206	680,926	205,531	8,765,191
2077	722,306	653,549	197,745	7,791,142
2078	687,996	645,594	189,794	7,331,801
2079	644,622	614,928	187,484	6,883,234
2080	614,984	576,161	178,579	6,726,435
2081	582,042	549,670	167,321	6,022,303
2082	556,399	520,227	159,627	5,617,107
2083	532,664	497,307	151,077	5,472,041
2084	502,716	476,092	144,421	4,872,997
2085	478,531	449,326	138,260	4,606,082
2086	440,605	427,709	130,487	4,169,945
2087	421,093	393,811	124,209	3,833,184
2088	392,390	376,371	114,365	3,530,781
2089	364,321	350,716	109,300	3,231,214
2090	345,839	325,628	101,850	3,117,216
2091	320,423	309,110	94,564	2,712,914
2092	300,549	286,393	89,767	2,451,654
2093	272,658	268,630	83,170	2,210,820
2094	252,879	243,701	78,012	1,976,967
2095	232,997	226,022	70,772	1,798,743
2096	208,517	208,251	65,638	1,587,229
2097	194,869	186,372	60,477	1,428,072
2098	174,747	174,173	54,124	1,244,176
2099	158,454	156,188	50,581	1,096,118
2100	139,735	141,625	45,358	967,541
2101	125,795	124,894	41,129	831,320
2102	111,164	112,435	36,270	707,953
2103	95,441	99,358	32,652	606,057
2104	84,046	85,305	28,854	519,962
2105	72,758	75,120	24,773	434,940
2106	62,333	65,030	21,815	357,488
2107	52,245	55,713	18,885	297,654
2108	44,114	46,696	16,179	247,319
2109	36,381	39,429	13,561	203,313
2110	29,198	32,517	11,450	150,942
2111	23,657	26,097	9,443	121,341
2112	18,792	21,144	7,579	92,648
2113	14,773	16,796	6,140	72,185
2114	11,211	13,204	4,878	59,170
2115	8,676	10,020	3,835	38,040
2116	6,331	7,754	2,910	31,268
2117	4,618	5,659	2,252	25,470
2118	11,164	4,127	1,643	16,934
2119	-	9,978	1,199	11,177
2120	-	-	2,898	2,898
Subtotals 2071 to 2120:	15,234,418	14,453,769	4,447,839	153,187,899
Totals 2021 to 2120:	74,962,357	68,089,064	19,906,644	1,318,473,943

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

(c) Sum of columns (2) to (11) of Exhibit II Sheets 3a, 4a, 5a, and columns (2), (3), and (4) above.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year

Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries

Evaluated As of March 31, 2021

Calendar Year	BY 2009	BY 2010	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	BY 2018
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 3/31/21 (a)	67,331,264	34,761,745	57,353,443	39,306,248	33,217,231	40,910,218	80,443,156	28,452,091	57,621,014	85,186,917

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2021	1,356,809	759,238	1,623,052	1,062,411	349,587	433,256	951,636	412,966	719,271	1,235,977
2022	848,048	241,052	775,162	456,901	421,007	566,002	1,118,515	440,530	1,095,894	1,391,466
2023	1,632,226	548,881	1,255,677	617,853	482,925	511,226	1,095,913	388,336	876,780	1,590,047
2024	1,589,007	541,706	1,212,716	602,372	613,822	586,413	989,855	380,489	772,900	1,272,132
2025	1,733,628	604,260	1,359,754	697,800	515,367	745,360	1,135,434	343,667	757,282	1,121,410
2026	1,532,849	530,693	1,144,200	581,789	537,997	625,807	1,443,194	394,211	683,995	1,098,750
2027	2,081,918	684,814	1,575,508	845,983	525,859	653,287	1,211,711	501,061	784,591	992,418
2028	1,458,506	517,320	1,072,940	555,169	627,750	638,547	1,264,918	420,693	997,255	1,138,374
2029	1,435,203	512,215	1,045,002	546,608	518,026	762,273	1,236,379	439,166	837,299	1,446,930
2030	1,661,238	609,732	1,231,129	679,836	526,518	629,036	1,475,942	429,257	874,065	1,214,848
2031	1,718,021	507,194	981,887	520,815	520,513	639,347	1,217,963	512,431	854,345	1,268,193
2032	1,685,473	682,949	957,418	512,460	507,882	632,056	1,237,927	422,863	1,019,884	1,239,579
2033	1,637,293	672,282	1,149,663	498,607	501,179	616,718	1,223,810	429,795	841,619	1,479,762
2034	2,093,429	805,921	1,416,252	969,218	595,879	608,578	1,194,112	424,893	855,414	1,221,116
2035	1,718,148	713,135	1,232,517	834,445	557,413	723,572	1,178,352	414,583	845,659	1,241,132
2036	1,589,028	643,230	1,063,523	727,548	578,575	676,863	1,401,007	409,111	825,138	1,226,978
2037	1,548,877	645,995	1,036,732	707,867	633,837	702,560	1,310,568	486,414	814,247	1,197,203
2038	1,515,852	637,083	1,186,284	691,129	603,227	769,664	1,360,323	455,015	968,103	1,181,402
2039	1,469,811	626,361	1,155,206	907,132	616,023	732,495	1,490,252	472,289	905,609	1,404,634
2040	1,615,973	698,521	1,285,081	1,001,267	647,613	748,033	1,418,284	517,399	939,990	1,313,960
2041	1,805,912	732,858	1,259,300	1,050,323	588,620	786,392	1,448,369	492,413	1,029,772	1,363,844
2042	1,354,243	596,755	1,063,217	844,011	563,065	714,757	1,522,642	502,858	980,042	1,494,110
2043	1,316,553	586,843	1,037,799	823,680	523,781	683,726	1,383,939	528,645	1,000,831	1,421,955
2044	1,284,786	634,867	1,015,334	805,847	803,893	636,024	1,323,857	480,489	1,052,154	1,452,119
2045	1,347,872	673,227	1,094,241	848,636	797,669	976,162	1,231,493	459,629	956,309	1,526,584
2046	1,206,032	612,693	964,419	764,698	776,456	968,604	1,890,081	427,561	914,792	1,387,521
2047	1,174,965	602,687	943,074	747,700	758,032	942,846	1,875,447	656,216	850,968	1,327,284
2048	1,460,210	698,649	1,041,997	872,067	735,063	920,474	1,825,573	651,135	1,306,056	1,234,681
2049	1,099,340	580,371	894,650	708,581	725,302	892,582	1,782,255	633,819	1,295,944	1,894,974
2050	1,205,727	637,819	1,005,306	780,589	702,182	880,730	1,728,251	618,780	1,261,481	1,880,302
2051	1,030,345	558,650	849,771	672,620	692,156	852,655	1,705,301	600,030	1,231,548	1,830,299
2052	996,468	547,730	827,746	655,051	657,334	840,481	1,650,942	592,062	1,194,231	1,786,869
2053	966,876	537,394	807,884	639,467	633,189	798,196	1,627,370	573,189	1,178,372	1,732,725
2054	929,932	578,499	784,381	620,660	609,704	768,877	1,545,497	565,005	1,140,810	1,709,716
2055	1,223,175	696,630	933,895	763,945	589,799	740,360	1,488,728	536,580	1,124,521	1,655,215
2056	911,159	555,582	848,402	588,757	587,545	716,189	1,433,513	516,870	1,067,947	1,631,583
2057	875,135	543,158	823,809	570,705	573,584	713,451	1,386,712	497,700	1,028,719	1,549,498
2058	842,877	531,235	852,088	554,432	555,369	696,499	1,381,411	481,451	990,565	1,492,582
2059	813,927	519,754	830,162	539,793	529,065	674,381	1,348,588	479,611	958,225	1,437,224
2060	873,206	560,102	903,466	622,235	513,051	642,440	1,305,762	468,215	954,563	1,390,302
2061	748,390	494,969	781,570	541,199	506,494	622,994	1,243,917	453,346	931,882	1,384,987
2062	903,034	554,934	822,792	609,341	487,842	615,032	1,206,265	431,875	902,288	1,352,079
2063	687,447	470,363	734,628	508,721	474,372	592,384	1,190,848	418,802	859,553	1,309,142
2064	657,657	457,940	711,163	492,633	460,702	576,027	1,146,996	413,450	833,535	1,247,137
2065	678,757	476,206	745,957	511,657	442,252	559,427	1,115,324	398,225	822,882	1,209,387
2066	599,506	432,874	664,271	460,750	425,785	537,023	1,083,184	387,229	792,580	1,193,931
2067	571,172	420,229	640,846	444,955	407,889	517,028	1,039,805	376,070	770,695	1,149,965
2068	545,076	407,875	618,598	430,343	389,407	495,296	1,001,089	361,009	748,486	1,118,212
2069	638,823	448,785	634,031	471,274	374,655	472,854	959,012	347,567	718,511	1,085,988
2070	545,928	419,833	638,300	441,588	359,591	454,941	915,557	332,958	691,758	1,042,497

Subtotals 2021 to 2070: 61,215,867 28,752,092 49,532,805 33,403,467 28,124,850 34,289,924 66,743,822 23,377,959 46,859,363 68,569,019

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries
Evaluated As of March 31, 2021

Calendar Year	BY 2009	BY 2010	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	BY 2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 3/31/21 (a)	67,331,264	34,761,745	57,353,443	39,306,248	33,217,231	40,910,218	80,443,156	28,452,091	57,621,014	85,186,917

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2071	464,616	369,253	548,458	383,644	355,215	436,649	880,874	317,872	662,682	1,003,680
2072	437,714	355,961	524,239	367,336	338,342	431,335	845,457	305,830	632,655	961,494
2073	412,823	342,935	501,123	352,095	317,011	410,846	835,166	293,533	608,688	917,927
2074	389,667	330,136	478,979	337,805	302,436	384,945	795,495	289,961	584,215	883,154
2075	391,369	337,087	490,663	342,944	286,236	367,246	745,345	276,187	577,104	847,645
2076	415,271	340,796	453,888	342,790	273,625	347,574	711,075	258,776	549,691	837,328
2077	320,902	290,791	410,521	292,931	261,953	332,261	672,987	246,878	515,037	797,554
2078	298,781	277,491	387,349	277,533	247,225	318,087	643,337	233,654	491,357	747,274
2079	278,285	264,458	365,177	263,019	235,331	300,204	615,892	223,360	465,037	712,916
2080	286,921	274,987	382,890	274,150	216,680	285,761	581,266	213,831	444,549	674,729
2081	239,723	238,618	321,863	234,589	207,084	263,113	553,301	201,809	425,585	645,002
2082	221,657	225,832	300,798	220,738	192,969	251,461	509,450	192,100	401,658	617,487
2083	241,711	235,354	289,437	226,045	179,165	234,321	486,888	176,875	382,334	582,771
2084	187,961	200,621	259,966	193,842	170,076	217,559	453,700	169,042	352,032	554,733
2085	183,281	199,189	257,492	191,212	157,577	206,523	421,246	157,520	336,442	510,769
2086	157,740	176,127	221,444	168,526	147,804	191,345	399,877	146,252	313,509	488,149
2087	143,404	164,023	202,437	155,759	134,087	179,477	370,489	138,833	291,083	454,875
2088	130,129	152,244	184,430	143,752	124,360	162,822	347,510	128,630	276,317	422,337
2089	117,798	140,796	167,386	132,438	114,583	151,010	315,261	120,652	256,010	400,912
2090	130,596	150,781	168,917	138,248	102,544	139,137	292,391	109,455	240,131	371,448
2091	94,834	118,629	134,717	110,182	95,832	124,519	269,402	101,515	217,847	348,410
2092	84,607	108,127	119,948	100,131	85,937	116,369	241,098	93,534	202,044	316,077
2093	74,857	97,928	105,649	90,127	77,924	104,352	225,317	83,707	186,158	293,148
2094	65,879	88,178	92,453	80,852	68,719	94,623	202,051	78,228	166,600	270,100
2095	60,453	82,818	85,551	75,681	61,863	83,444	183,212	70,150	155,696	241,722
2096	49,875	70,039	68,891	63,875	54,668	75,120	161,568	63,609	139,618	225,901
2097	47,161	65,066	58,784	57,540	46,936	66,383	145,450	56,095	126,601	202,574
2098	36,439	53,917	49,301	49,153	41,332	56,994	128,533	50,499	111,644	183,687
2099	30,607	46,656	40,856	42,468	35,781	50,189	110,354	44,625	100,507	161,986
2100	27,138	42,985	36,865	39,064	30,654	43,448	97,179	38,314	88,817	145,827
2101	20,840	33,867	27,029	30,983	25,693	37,223	84,126	33,739	76,255	128,866
2102	16,821	28,341	21,417	25,964	21,694	31,199	72,072	29,208	67,151	110,640
2103	13,380	23,401	16,697	21,527	17,891	26,343	60,408	25,023	58,131	97,430
2104	11,076	19,757	12,788	17,717	14,359	21,725	51,007	20,973	49,802	84,344
2105	8,266	15,894	10,138	14,753	11,634	17,436	42,066	17,709	41,742	72,259
2106	6,111	11,989	6,988	11,223	9,241	14,127	33,760	14,605	35,246	60,564
2107	4,557	9,258	4,994	8,734	7,265	11,222	27,353	11,721	29,068	51,139
2108	12,149	7,009	3,464	6,644	5,513	8,822	21,728	9,497	23,328	42,174
2109	-	18,314	2,339	4,954	4,267	6,695	17,082	7,544	18,901	33,847
2110	-	-	4,314	3,838	3,113	5,181	12,962	5,931	15,014	27,424
2111	-	-	-	7,973	2,271	3,781	10,031	4,500	11,804	21,784
2112	-	-	-	-	5,490	2,758	7,320	3,483	8,957	17,126
2113	-	-	-	-	-	6,667	5,339	2,541	6,932	12,996
2114	-	-	-	-	-	-	12,908	1,854	5,058	10,057
2115	-	-	-	-	-	-	-	4,482	3,689	7,339
2116	-	-	-	-	-	-	-	-	8,920	5,353
2117	-	-	-	-	-	-	-	-	-	12,942
2118	-	-	-	-	-	-	-	-	-	-
2119	-	-	-	-	-	-	-	-	-	-
2120	-	-	-	-	-	-	-	-	-	-
Subtotals 2071 to 2120:	6,115,397	6,009,653	7,820,638	5,902,780	5,092,381	6,620,294	13,699,334	5,074,132	10,761,651	16,617,898
Totals 2021 to 2120:	67,331,264	34,761,745	57,353,443	39,306,248	33,217,231	40,910,218	80,443,156	28,452,091	57,621,014	85,186,917

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year

Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries

Evaluated As of March 31, 2021

Calendar Year	BY 1999	BY 2000	BY 2001	BY 2002	BY 2003	BY 2004	BY 2005	BY 2006	BY 2007	BY 2008
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 3/31/21 (a)	19,410,373	15,135,013	26,673,712	66,919,236	14,091,705	28,350,652	33,252,673	50,287,029	36,254,328	56,527,570

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2021	482,658	274,838	776,935	1,904,933	503,399	674,407	1,089,424	1,475,731	1,193,471	1,113,080
2022	598,722	308,695	683,748	1,532,636	396,887	466,963	876,734	930,387	1,063,646	741,363
2023	671,863	387,856	739,439	1,817,370	587,158	704,602	909,369	1,415,829	1,298,915	1,308,599
2024	711,758	626,226	718,331	2,336,398	558,917	684,719	820,146	1,366,882	1,223,369	1,279,504
2025	686,486	615,029	776,182	2,401,332	688,631	753,075	781,371	1,464,313	1,310,604	1,381,731
2026	803,595	562,819	688,220	2,182,008	641,142	815,574	644,836	1,364,771	1,099,261	1,232,316
2027	1,013,608	680,971	1,020,864	2,785,179	805,562	1,091,309	1,160,305	1,716,893	1,508,113	1,649,755
2028	745,714	504,650	741,429	2,081,478	582,756	777,070	860,960	1,456,487	1,016,108	1,178,748
2029	721,853	478,916	725,821	2,093,862	560,187	764,945	792,937	1,464,329	1,005,519	1,163,091
2030	739,608	491,214	813,019	2,228,434	595,661	859,185	836,193	1,572,664	1,123,235	1,421,644
2031	667,002	427,103	682,843	1,948,815	512,399	688,382	699,850	1,370,592	902,038	1,226,958
2032	644,145	405,083	667,699	1,904,756	491,121	677,116	777,917	1,331,988	859,982	1,204,292
2033	616,806	381,916	645,005	1,819,762	464,336	657,444	717,559	1,289,285	814,421	1,175,775
2034	717,471	447,254	808,581	2,222,970	582,000	897,441	876,060	1,511,571	1,195,727	1,393,523
2035	570,665	355,823	674,321	1,818,145	453,973	698,194	715,867	1,305,445	944,362	1,380,993
2036	545,071	322,977	590,086	1,649,174	396,992	611,909	658,850	1,169,961	806,701	1,246,451
2037	522,112	305,491	666,142	1,580,598	375,840	596,969	684,316	1,132,016	770,166	1,218,482
2038	501,499	289,752	650,254	1,531,597	357,601	585,942	669,170	1,164,457	737,942	1,193,376
2039	477,661	273,485	627,868	1,469,912	335,497	567,484	643,832	1,122,042	703,103	1,163,161
2040	486,042	281,336	696,951	1,569,822	354,866	645,325	712,443	1,195,519	784,255	1,272,186
2041	529,540	292,015	676,594	1,712,129	395,036	757,042	760,288	1,244,664	872,822	1,310,569
2042	414,597	232,217	572,186	1,307,664	279,831	524,237	591,233	1,009,896	615,854	1,081,802
2043	394,512	286,881	554,074	1,258,461	262,573	510,090	575,237	974,384	589,899	1,055,151
2044	376,218	275,097	539,029	1,224,167	247,533	499,381	581,778	942,008	613,887	1,031,013
2045	355,713	271,061	568,236	1,244,386	248,296	534,565	579,430	969,403	652,603	1,083,908
2046	336,994	252,234	501,021	1,117,948	214,564	468,456	530,500	873,303	564,835	976,602
2047	319,829	242,264	486,355	1,078,566	201,070	457,880	521,000	843,224	544,343	952,998
2048	365,965	254,438	526,207	1,233,240	245,368	617,849	635,586	950,016	694,688	1,085,219
2049	283,522	223,024	449,818	987,192	171,960	427,876	489,257	779,983	501,972	900,238
2050	284,148	227,486	501,290	1,052,043	179,804	488,160	531,726	827,440	561,729	983,569
2051	250,126	206,085	416,656	904,955	146,438	401,316	463,090	721,702	464,580	850,485
2052	234,130	198,278	400,360	870,387	134,517	388,165	464,338	693,663	447,030	825,924
2053	219,332	191,034	386,371	830,577	123,960	377,664	496,795	689,966	431,309	803,308
2054	203,608	183,847	368,356	788,445	112,332	412,543	479,689	661,686	413,924	777,384
2055	230,718	190,977	429,015	970,749	143,640	576,638	584,026	763,713	577,370	961,865
2056	175,655	170,909	339,072	760,497	92,964	387,235	469,537	610,501	384,146	858,256
2057	161,637	164,725	321,947	716,898	83,189	371,167	440,527	584,356	368,475	830,889
2058	148,709	158,906	306,921	681,872	74,581	357,489	427,611	559,799	354,271	805,211
2059	136,743	153,387	293,765	650,968	66,968	345,958	417,952	536,611	341,392	781,054
2060	131,755	155,893	321,993	679,585	66,643	380,201	450,163	559,937	382,189	832,642
2061	113,260	142,744	263,228	582,100	52,027	316,851	389,143	489,722	314,045	728,818
2062	125,970	140,495	274,323	626,887	60,847	408,719	448,556	521,025	404,848	796,936
2063	92,454	132,795	235,326	520,057	39,677	290,151	363,625	445,927	288,978	678,503
2064	82,909	127,994	221,771	492,447	34,282	276,952	360,257	424,884	276,897	653,550
2065	74,144	126,467	233,092	495,288	32,172	290,495	358,069	427,756	297,399	672,121
2066	65,559	118,629	195,509	433,762	24,974	250,895	325,423	384,498	253,534	604,085
2067	57,771	114,028	182,823	406,819	21,024	238,045	312,691	365,141	242,216	579,608
2068	50,714	109,479	171,444	384,155	17,640	226,656	309,980	346,634	231,755	556,271
2069	54,214	105,482	170,455	391,176	19,237	281,979	335,387	355,282	296,584	595,254
2070	39,933	105,548	171,449	363,027	13,364	230,044	298,597	336,966	246,668	559,470

Subtotals 2021 to 2070:	19,234,718	13,975,852	25,472,420	63,645,627	14,051,437	26,312,756	29,919,631	46,715,252	33,591,179	50,157,732
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Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries
Evaluated As of March 31, 2021

Calendar Year	BY 1999	BY 2000	BY 2001	BY 2002	BY 2003	BY 2004	BY 2005	BY 2006	BY 2007	BY 2008
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 3/31/21 (a)	19,410,373	15,135,013	26,673,712	66,919,236	14,091,705	28,350,652	33,252,673	50,287,029	36,254,328	56,527,570

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2071	32,590	95,949	136,268	310,171	9,508	189,125	263,582	293,192	199,668	484,505
2072	27,587	91,453	124,575	287,179	7,485	175,981	255,150	276,198	188,862	460,256
2073	23,178	86,953	114,074	265,293	5,850	164,185	236,192	259,913	178,808	437,051
2074	19,308	82,442	104,601	246,536	4,534	153,534	225,154	244,281	169,427	414,768
2075	15,819	79,877	105,561	240,105	3,735	154,343	221,025	239,952	179,031	416,647
2076	15,941	73,416	89,744	220,988	3,385	169,573	232,446	225,192	202,727	409,770
2077	10,269	68,823	76,738	191,633	1,846	120,590	187,582	200,066	141,061	347,726
2078	8,061	64,283	67,944	174,201	1,299	109,676	174,124	186,269	131,667	325,692
2079	6,235	59,764	60,087	158,781	897	99,777	162,140	173,031	122,890	304,649
2080	4,938	58,072	62,289	156,919	700	103,414	166,976	173,036	135,817	312,977
2081	3,517	50,857	45,877	130,648	392	81,175	138,801	147,927	106,021	263,947
2082	2,554	46,503	39,543	117,900	246	72,537	127,518	136,053	97,945	244,320
2083	2,281	42,243	35,045	109,348	203	80,984	131,049	127,650	122,710	248,286
2084	1,244	38,099	28,439	94,928	87	56,734	108,119	113,682	82,533	206,651
2085	829	34,954	26,589	88,824	54	53,653	99,797	107,428	84,859	200,040
2086	535	30,254	19,553	75,400	25	43,214	86,530	93,221	68,383	171,606
2087	331	26,601	15,700	66,006	12	36,996	76,713	83,704	61,441	154,760
2088	196	23,157	12,469	57,773	6	31,515	69,135	74,695	55,003	138,894
2089	111	19,942	9,776	50,499	2	26,681	60,047	66,196	49,025	123,972
2090	77	17,828	8,832	46,085	2	28,733	59,927	62,983	67,031	130,368
2091	30	14,262	5,518	36,807	0	18,331	44,940	50,753	37,630	96,171
2092	14	11,821	4,029	31,232	0	15,009	39,180	43,843	32,637	83,779
2093	6	9,653	2,820	25,801	0	12,074	32,572	37,485	27,823	72,127
2094	2	7,757	1,923	21,151	0	9,618	27,296	31,690	23,498	61,528
2095	1	6,281	1,429	17,865	0	8,021	23,590	27,457	22,220	54,762
2096	0	4,750	798	13,505	0	5,859	18,669	21,796	16,067	43,254
2097	0	3,612	482	10,479	0	4,792	15,427	17,698	17,782	38,703
2098	0	2,691	279	8,013	-	3,364	11,974	14,125	10,312	28,876
2099	-	6,863	151	5,897	-	2,481	9,368	11,081	7,986	23,038
2100	-	-	161	4,491	-	1,954	7,793	9,172	7,243	19,720
2101	-	-	-	9,149	-	1,279	5,533	6,431	4,517	13,973
2102	-	-	-	-	-	889	4,125	4,743	3,254	10,567
2103	-	-	-	-	-	1,806	3,030	3,418	2,286	7,835
2104	-	-	-	-	-	-	7,536	2,403	2,150	6,120
2105	-	-	-	-	-	-	-	5,012	1,167	4,214
2106	-	-	-	-	-	-	-	-	1,669	2,786
2107	-	-	-	-	-	-	-	-	-	5,501
2108	-	-	-	-	-	-	-	-	-	-
2109	-	-	-	-	-	-	-	-	-	-
2110	-	-	-	-	-	-	-	-	-	-
2111	-	-	-	-	-	-	-	-	-	-
2112	-	-	-	-	-	-	-	-	-	-
2113	-	-	-	-	-	-	-	-	-	-
2114	-	-	-	-	-	-	-	-	-	-
2115	-	-	-	-	-	-	-	-	-	-
2116	-	-	-	-	-	-	-	-	-	-
2117	-	-	-	-	-	-	-	-	-	-
2118	-	-	-	-	-	-	-	-	-	-
2119	-	-	-	-	-	-	-	-	-	-
2120	-	-	-	-	-	-	-	-	-	-
Subtotals 2071 to 2120:	175,655	1,159,161	1,201,292	3,273,609	40,268	2,037,896	3,333,042	3,571,776	2,663,150	6,369,839
Totals 2021 to 2120:	19,410,373	15,135,013	26,673,712	66,919,236	14,091,705	28,350,652	33,252,673	50,287,029	36,254,328	56,527,570

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year

Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries

Evaluated As of March 31, 2021

Calendar Year	BY 1989	BY 1990	BY 1991	BY 1992	BY 1993	BY 1994	BY 1995	BY 1996	BY 1997	BY 1998
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 3/31/21 (a)	14,932,608	8,315,329	19,299,447	40,789,400	33,105,770	17,035,500	26,337,295	24,855,104	37,691,294	61,668,513

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2021	462,588	241,641	598,538	1,172,212	1,444,283	476,396	721,156	622,203	972,123	1,794,926
2022	433,095	310,677	626,124	1,135,978	1,280,167	350,189	708,549	605,227	909,091	1,684,363
2023	468,234	431,707	641,534	1,338,359	1,340,270	351,075	847,902	832,407	1,097,209	1,731,343
2024	457,830	412,411	622,588	1,331,086	1,333,760	350,608	832,095	768,876	1,158,646	1,687,249
2025	487,785	426,941	696,520	1,452,073	1,315,503	382,183	856,709	1,004,060	1,218,079	1,878,496
2026	446,811	383,472	607,619	1,263,362	1,147,822	345,674	823,176	921,061	1,108,213	1,722,809
2027	682,170	444,461	862,135	1,731,602	1,314,742	495,592	1,117,201	1,139,520	1,438,612	2,255,367
2028	426,754	350,097	571,854	1,221,063	996,856	335,273	780,676	823,586	1,047,987	1,638,001
2029	447,207	337,607	576,528	1,246,084	940,619	333,886	765,457	785,511	1,023,181	1,567,892
2030	477,146	358,548	668,075	1,429,288	990,042	373,401	816,876	869,423	1,107,301	1,668,277
2031	425,998	306,184	569,334	1,205,611	841,805	323,322	724,959	760,766	971,728	1,516,559
2032	416,474	294,217	552,853	1,202,683	829,632	321,697	710,131	730,240	947,890	1,513,655
2033	405,545	278,277	533,678	1,135,994	787,448	315,122	689,084	697,512	919,034	1,429,111
2034	532,016	323,601	633,817	1,337,930	924,802	453,777	797,316	858,342	1,189,123	1,831,187
2035	413,875	273,352	552,687	1,201,109	783,364	339,901	692,937	666,646	943,452	1,487,578
2036	374,870	238,457	540,538	1,107,243	691,385	302,447	637,125	617,198	843,148	1,403,090
2037	364,637	225,733	522,187	1,045,609	664,526	298,110	620,260	593,402	818,678	1,332,520
2038	355,037	214,855	505,145	1,013,631	642,358	295,950	606,147	572,416	796,825	1,302,727
2039	344,142	201,114	485,976	975,938	616,498	289,250	587,121	549,236	770,913	1,304,914
2040	368,481	212,326	524,049	1,102,718	673,609	324,201	626,939	577,617	840,651	1,446,445
2041	435,529	219,849	491,671	1,093,783	709,832	410,248	652,091	648,326	963,227	1,641,866
2042	313,324	166,324	432,882	873,283	555,104	275,443	538,675	489,738	702,006	1,228,662
2043	303,047	155,333	415,523	839,555	536,751	270,686	522,807	471,336	679,719	1,195,738
2044	293,348	145,752	399,222	830,620	521,398	267,850	509,017	454,686	659,526	1,198,703
2045	305,835	145,693	415,617	855,415	585,830	286,606	518,707	451,695	789,965	1,186,084
2046	272,258	124,351	364,625	740,064	522,554	255,897	475,846	419,472	705,890	1,099,751
2047	262,550	115,591	348,833	709,556	508,295	304,560	462,078	404,099	684,479	1,073,171
2048	338,307	131,069	359,799	829,021	595,417	354,064	514,261	487,925	790,124	1,325,225
2049	241,589	96,563	315,706	643,678	475,231	289,615	429,693	371,648	637,694	1,006,613
2050	258,924	100,081	334,669	702,603	521,043	316,459	455,716	389,754	688,897	1,068,271
2051	221,273	79,954	284,278	581,532	445,452	276,066	399,333	341,611	593,466	945,518
2052	211,178	72,251	268,949	568,656	430,925	345,817	384,262	327,076	571,732	941,514
2053	201,584	65,471	254,399	522,849	418,155	338,863	370,500	313,497	551,436	888,933
2054	191,159	58,086	239,138	492,267	402,371	328,537	354,355	298,870	529,000	854,986
2055	261,301	70,124	260,626	599,507	502,506	388,427	405,335	365,495	647,601	1,071,673
2056	171,838	45,982	210,982	451,711	375,644	312,066	325,812	272,275	488,257	822,699
2057	161,729	40,024	196,819	408,474	360,260	301,396	310,128	258,535	466,717	765,394
2058	152,153	34,871	183,413	381,918	346,305	292,020	295,549	245,566	446,442	735,692
2059	143,077	30,407	170,694	357,016	333,587	283,785	281,883	233,252	427,276	709,145
2060	151,430	29,566	174,422	389,818	358,677	295,458	290,944	239,589	457,294	757,960
2061	124,365	22,010	145,598	307,211	304,448	262,933	252,293	207,924	387,090	647,092
2062	156,590	24,245	142,797	332,919	348,685	293,512	268,210	242,118	430,278	776,729
2063	106,749	15,472	122,539	262,142	276,600	242,843	224,013	183,838	348,785	588,568
2064	98,263	12,764	111,687	250,496	262,713	232,637	210,142	172,123	330,033	578,361
2065	100,539	11,680	108,792	242,656	270,753	235,759	206,775	165,519	343,738	556,209
2066	82,019	8,368	91,417	201,994	235,030	211,946	183,087	149,451	293,462	502,014
2067	74,309	6,634	82,015	183,961	221,266	201,479	169,933	138,514	275,691	473,668
2068	67,104	5,225	73,205	174,047	208,323	191,763	157,434	128,054	258,743	463,435
2069	82,192	5,359	67,850	171,001	229,356	209,044	160,022	143,157	278,858	522,951
2070	61,646	3,489	62,075	153,083	202,556	182,395	143,250	116,058	253,810	424,168

Subtotals 2021 to 2070: 14,635,904 8,308,266 19,022,024 39,800,404 31,624,559 15,516,228 25,433,968 24,126,451 35,803,121 58,247,308

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries
Evaluated As of March 31, 2021

Calendar Year	BY 1989	BY 1990	BY 1991	BY 1992	BY 1993	BY 1994	BY 1995	BY 1996	BY 1997	BY 1998
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 3/31/21 (a)	14,932,608	8,315,329	19,299,447	40,789,400	33,105,770	17,035,500	26,337,295	24,855,104	37,691,294	61,668,513

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2071	46,943	2,222	49,602	122,346	167,899	159,842	120,570	97,763	208,564	365,397
2072	40,856	1,582	42,774	113,696	154,300	148,633	108,807	88,190	192,288	350,384
2073	35,329	1,107	36,545	97,425	141,567	138,143	97,775	79,142	176,802	311,716
2074	30,335	758	30,889	86,647	129,597	128,253	87,430	70,609	162,041	287,606
2075	29,280	561	27,136	82,032	126,362	122,940	80,565	63,611	163,091	272,251
2076	30,445	432	21,703	75,149	122,334	124,884	74,072	65,345	152,985	306,181
2077	17,710	187	17,115	59,379	94,687	97,953	59,199	47,477	119,983	215,705
2078	14,356	105	13,592	51,926	83,779	88,014	50,943	40,740	106,967	192,693
2079	11,506	56	10,590	45,281	73,753	78,739	43,461	34,619	94,788	171,478
2080	10,984	33	8,623	44,234	71,916	74,134	39,461	31,101	94,472	170,850
2081	7,041	12	6,004	34,030	55,625	61,330	30,532	24,078	72,515	132,253
2082	5,366	5	4,346	29,311	47,597	53,301	25,089	19,665	62,496	114,409
2083	6,155	3	3,072	25,704	45,113	53,288	21,917	18,395	61,012	121,633
2084	2,947	1	2,073	21,817	33,723	38,836	16,183	12,507	44,854	86,778
2085	2,548	0	1,391	18,933	29,782	33,483	13,128	9,796	41,432	71,195
2086	1,505	0	852	15,257	22,821	26,828	9,739	7,405	30,571	56,674
2087	1,035	0	511	12,722	18,350	21,677	7,309	5,515	24,619	45,600
2088	2,363	0	292	10,604	14,581	17,245	5,369	4,019	19,516	38,293
2089	-	-	159	8,595	11,440	13,483	3,851	2,860	15,206	28,188
2090	-	-	154	7,526	10,218	12,106	3,056	2,299	14,728	28,296
2091	-	-	-	26,381	6,706	7,684	1,812	1,329	8,655	15,920
2092	-	-	-	-	19,061	5,624	1,189	867	6,325	12,463
2093	-	-	-	-	-	12,849	752	546	4,507	8,182
2094	-	-	-	-	-	-	1,121	332	3,139	5,638
2095	-	-	-	-	-	-	-	445	2,387	3,904
2096	-	-	-	-	-	-	-	-	4,230	2,729
2097	-	-	-	-	-	-	-	-	-	4,790
2098	-	-	-	-	-	-	-	-	-	-
2099	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-
2101	-	-	-	-	-	-	-	-	-	-
2102	-	-	-	-	-	-	-	-	-	-
2103	-	-	-	-	-	-	-	-	-	-
2104	-	-	-	-	-	-	-	-	-	-
2105	-	-	-	-	-	-	-	-	-	-
2106	-	-	-	-	-	-	-	-	-	-
2107	-	-	-	-	-	-	-	-	-	-
2108	-	-	-	-	-	-	-	-	-	-
2109	-	-	-	-	-	-	-	-	-	-
2110	-	-	-	-	-	-	-	-	-	-
2111	-	-	-	-	-	-	-	-	-	-
2112	-	-	-	-	-	-	-	-	-	-
2113	-	-	-	-	-	-	-	-	-	-
2114	-	-	-	-	-	-	-	-	-	-
2115	-	-	-	-	-	-	-	-	-	-
2116	-	-	-	-	-	-	-	-	-	-
2117	-	-	-	-	-	-	-	-	-	-
2118	-	-	-	-	-	-	-	-	-	-
2119	-	-	-	-	-	-	-	-	-	-
2120	-	-	-	-	-	-	-	-	-	-
Subtotals 2071 to 2120:	296,704	7,063	277,423	988,996	1,481,211	1,519,272	903,327	728,652	1,888,174	3,421,205
Totals 2021 to 2120:	14,932,608	8,315,329	19,299,447	40,789,400	33,105,770	17,035,500	26,337,295	24,855,104	37,691,294	61,668,513

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated 2021 Level Loss & ALAE Reserve - Before Inflation and Anticipated Investment Income
Adjustment of Birth Year Level Estimated Outstanding to 2021 Level Outstanding Loss & Expense

Evaluated As of March 31, 2021

Year of Birth	Birth Year Level (a) Outstanding Loss & ALAE	Outstanding Basis (b) Inflation - Cal. Year	2021 Level Adjustment Factor (c)	2021 Level Outstanding Loss & ALAE (2) x (4)	Actual Paid (d) Loss & ALAE @ 3/31/21	Indicated 2021 Level Ultimate Loss & ALAE (5) + (6)	2021 Level Case O/S (e) Loss & ALAE @ 3/31/21	2021 Level IBNR / Bulk Outstanding (5) - (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	10,351,372	0.81%	1.443	14,932,608	15,263,776	30,196,384	11,206,388	3,726,221
1990	5,810,832	0.74%	1.431	8,315,329	6,008,568	14,323,897	6,180,283	2,135,046
1991	13,586,335	0.52%	1.421	19,299,447	9,751,666	29,051,113	16,676,668	2,622,779
1992	28,863,146	0.46%	1.413	40,789,400	15,520,846	56,310,247	34,493,549	6,295,851
1993	23,533,412	0.41%	1.407	33,105,770	21,752,295	54,858,064	26,563,561	6,542,208
1994	12,159,375	0.38%	1.401	17,035,500	7,390,503	24,426,002	13,754,170	3,281,329
1995	18,870,239	0.35%	1.396	26,337,295	11,119,131	37,456,426	22,192,215	4,145,079
1996	17,870,766	0.34%	1.391	24,855,104	10,000,883	34,855,987	20,523,057	4,332,046
1997	27,190,944	0.25%	1.386	37,691,294	12,459,490	50,150,784	31,087,189	6,604,105
1998	44,597,661	0.28%	1.383	61,668,513	22,079,637	83,748,150	50,938,525	10,729,988
1999	14,076,538	0.36%	1.379	19,410,373	12,188,011	31,598,384	13,639,810	5,770,563
2000	11,015,848	0.39%	1.374	15,135,013	6,337,267	21,472,281	10,987,200	4,147,813
2001	19,489,306	0.32%	1.369	26,673,712	8,758,057	35,431,769	21,508,993	5,164,719
2002	49,051,969	0.35%	1.364	66,919,236	17,978,546	84,897,782	54,795,609	12,123,627
2003	10,365,796	0.29%	1.359	14,091,705	5,420,630	19,512,335	11,587,958	2,503,746
2004	20,914,785	4.94%	1.356	28,350,652	6,011,890	34,362,542	23,353,325	4,997,327
2005	25,743,311	0.87%	1.292	33,252,673	9,184,669	42,437,342	26,440,197	6,812,476
2006	39,267,928	4.86%	1.281	50,287,029	10,708,281	60,995,310	41,562,447	8,724,582
2007	29,685,204	0.50%	1.221	36,254,328	11,686,318	47,940,647	28,771,805	7,482,524
2008	46,517,543	4.55%	1.215	56,527,570	7,148,296	63,675,867	46,434,024	10,093,546
2009	57,930,140	0.33%	1.162	67,331,264	8,936,928	76,268,192	54,398,203	12,933,061
2010	30,008,209	0.32%	1.158	34,761,745	3,285,284	38,047,029	28,507,071	6,254,673
2011	49,669,824	0.42%	1.155	57,353,443	5,579,837	62,933,280	46,418,226	10,935,217
2012	34,184,399	9.83%	1.150	39,306,248	3,618,178	42,924,425	31,873,645	7,432,602
2013	31,728,558	0.59%	1.047	33,217,231	5,293,659	38,510,890	25,540,746	7,676,485
2014	39,307,126	0.19%	1.041	40,910,218	6,062,481	46,972,699	29,861,137	11,049,082
2015	77,434,275	0.17%	1.039	80,443,156	4,676,394	85,119,550	59,267,883	21,175,274
2016	27,434,841	2.01%	1.037	28,452,091	1,020,960	29,473,051	17,414,171	11,037,920
2017	56,675,739	0.22%	1.017	57,621,014	1,902,251	59,523,265	33,681,564	23,939,449
2018	83,976,084	0.22%	1.014	85,186,917	2,826,833	88,013,750	47,613,546	37,573,371
2019	74,059,032	1.01%	1.012	74,962,357	1,670,056	76,632,413	30,424,040	44,538,317
2020	67,951,070	0.20%	1.002	68,089,064	8,525	68,097,589	2,977,386	65,111,678
2021 (3 Mo)	19,906,644		1.000	19,906,644	-	19,906,644	-	19,906,644
Totals:								
All Years	1,119,228,249			1,318,473,943	271,650,147	1,590,124,090	920,674,591	397,799,351
1989 to 1998	202,834,081			284,030,259	131,346,795	415,377,053	233,615,605	50,414,654
1999 to 2021	916,394,168			1,034,443,684	140,303,353	1,174,747,037	687,058,986	347,384,698

Notes: (a) See Exhibit IV, Sheet 1, Column (7).

(b) Estimated NICA inflation rate by calendar year. Based on review of historical inflation in paid and outstanding loss & expense weighted by the estimated percentage of overall cost by component - see Appendix B.

(c) Factor to adjust the birth year level outstanding loss & expense to 2021 level - based on factors shown in column (3).

(d) The actual paid loss & ALAE excluded retroactive payments as provided by NICA as of March 31, 2021.

See Exhibit IX, Sheets 6a - 1, 2, and 3.

(e) The 2021 level case outstanding as provided by NICA as of March 31, 2021. See Exhibit IX, Sheets 4a, 4b and 4c.

Birth Year Level Loss & ALAE

Evaluated As of March 31, 2021

Year of Birth	Birth Year Level						Open (d) Accepted Reported Claim Counts @ 3/31/21
	Ultimate (a) Loss & ALAE	Paid (b) Loss & ALAE @ 3/31/21	Incurred (c) Loss & ALAE @ 3/31/21	Case O/S Loss & ALAE @ 3/31/21 (4) - (3)	IBNR / Bulk Loss & ALAE @ 3/31/21 (2) - (4)	Case+IBNR Loss & ALAE @ 3/31/21 (2) - (3)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	22,671,711	12,320,339	20,088,673	7,768,334	2,583,038	10,351,372	3
1990	10,640,437	4,829,605	9,148,446	4,318,841	1,491,991	5,810,832	3
1991	20,858,124	7,271,789	19,011,752	11,739,963	1,846,372	13,586,335	4
1992	40,914,729	12,051,584	36,459,698	24,408,114	4,455,032	28,863,146	9
1993	41,053,978	17,520,566	36,403,414	18,882,848	4,650,563	23,533,412	8
1994	18,483,095	6,323,720	16,140,991	9,817,271	2,342,104	12,159,375	3
1995	27,664,394	8,794,155	24,694,512	15,900,357	2,969,881	18,870,239	5
1996	26,142,541	8,271,775	23,027,809	14,756,034	3,114,732	17,870,766	6
1997	37,315,247	10,124,303	32,550,968	22,426,664	4,764,280	27,190,944	8
1998	62,463,346	17,865,685	54,703,594	36,837,909	7,759,752	44,597,661	11
1999	24,310,330	10,233,792	20,125,477	9,891,685	4,184,853	14,076,538	3
2000	16,394,075	5,378,227	13,375,136	7,996,909	3,018,939	11,015,848	4
2001	26,865,611	7,376,305	23,091,978	15,715,674	3,773,633	19,489,306	4
2002	63,824,624	14,772,656	54,937,975	40,165,320	8,886,649	49,051,969	13
2003	14,862,926	4,497,130	13,021,181	8,524,051	1,841,745	10,365,796	3
2004	25,987,939	5,073,154	22,301,321	17,228,167	3,686,618	20,914,785	5
2005	33,391,835	7,648,525	28,117,802	20,469,278	5,274,033	25,743,311	7
2006	48,170,045	8,902,117	41,357,229	32,455,112	6,812,816	39,267,928	9
2007	39,454,048	9,768,845	33,327,325	23,558,481	6,126,723	29,685,204	7
2008	52,513,800	5,996,257	44,207,641	38,211,385	8,306,159	46,517,543	9
2009	66,168,021	8,237,881	55,040,738	46,802,857	11,127,283	57,930,140	10
2010	33,182,375	3,174,166	27,783,004	24,608,839	5,399,371	30,008,209	5
2011	55,042,180	5,372,356	45,571,950	40,199,594	9,470,230	49,669,824	10
2012	37,696,637	3,512,238	31,232,548	27,720,311	6,464,088	34,184,399	7
2013	36,891,608	5,163,050	29,559,154	24,396,105	7,332,453	31,728,558	7
2014	45,231,049	5,923,923	34,614,932	28,691,010	10,616,117	39,307,126	9
2015	82,006,882	4,572,608	61,623,645	57,051,037	20,383,237	77,434,275	15
2016	28,439,610	1,004,769	17,796,329	16,791,560	10,643,280	27,434,841	6
2017	58,550,541	1,874,802	35,003,819	33,129,017	23,546,722	56,675,739	12
2018	86,770,463	2,794,379	49,731,154	46,936,774	37,039,310	83,976,084	15
2019	75,714,771	1,655,739	31,713,158	30,057,419	44,001,613	74,059,032	8
2020	67,959,566	8,495	2,979,847	2,971,352	64,979,719	67,951,070	2
2021 (3 Mo)	19,906,644	-	-	-	19,906,644	19,906,644	-
Totals:	1,347,543,181	228,314,932	988,743,203	760,428,271	358,799,978	1,119,228,249	230

Notes: (a) See Exhibit IV, Sheet 2, Column (8).

(b) See Exhibit VIII, Sheet 1, Column (2).

(c) See Exhibit VII, Sheet 1, Column (2).

(d) See Exhibit X, Sheet 1e, Column (5).

Development of Birth Year Level Ultimate Loss & ALAE

Evaluated As of March 31, 2021

Year of Birth	Ultimate Loss & ALAE - Birth Year Level							Prior Selected	Increase or
	Paid Projection (a)	Incurred Projection (b)	Frequency/Severity (c)	Bornhuetter-Ferguson (d)	Cape Cod Method (e)	Incremental Payment Method (f)	Selected (g)	Ultimate BY Level @ 12/31/20	(Decrease) From 12/31/20 to 3/31/21
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	27,993,240	22,072,750	23,721,435	22,220,947	21,927,029	24,143,094	22,671,711	22,946,297	(274,586)
1990	11,522,095	10,097,236	11,586,867	10,237,209	11,155,566	9,614,665	10,640,437	10,765,383	(124,946)
1991	18,215,889	21,077,895	20,477,442	21,019,036	21,348,467	24,379,739	20,858,124	21,028,322	(170,198)
1992	31,698,779	40,603,932	41,449,974	40,690,283	39,128,840	43,933,698	40,914,729	41,212,858	(298,129)
1993	48,387,796	40,723,686	41,619,524	40,818,723	39,267,798	45,200,513	41,053,978	41,414,348	(360,370)
1994	18,337,901	18,137,820	19,070,917	18,240,547	18,834,724	21,370,186	18,483,095	18,615,159	(132,064)
1995	26,776,908	27,874,385	27,308,918	27,809,878	27,596,640	33,998,850	27,664,394	27,818,948	(154,554)
1996	26,445,653	26,110,032	26,197,261	26,120,329	26,158,426	25,349,984	26,142,541	26,294,132	(151,591)
1997	33,986,783	37,073,931	37,719,163	37,152,648	35,932,583	42,097,727	37,315,247	37,351,868	(36,621)
1998	62,774,850	62,690,407	62,086,199	62,613,431	58,063,337	66,215,841	62,463,346	62,303,309	160,037
1999	37,888,025	23,666,851	25,346,026	23,918,113	23,892,566	21,310,701	24,310,330	24,389,418	(79,088)
2000	20,967,574	15,932,979	17,124,916	16,124,330	17,159,185	16,008,803	16,394,075	18,583,469	(2,189,394)
2001	30,144,282	27,629,680	25,660,824	27,306,329	27,331,679	27,671,979	26,865,611	27,005,300	(139,689)
2002	63,556,506	63,664,811	64,086,454	63,722,608	58,774,459	59,416,527	63,824,624	64,171,295	(346,671)
2003	20,521,865	15,023,802	14,597,939	14,967,036	17,050,429	13,860,851	14,862,926	15,016,004	(153,078)
2004	24,464,017	26,120,647	25,773,310	26,069,860	27,053,946	27,757,526	25,987,939	26,980,983	(993,045)
2005	39,120,943	32,707,842	34,507,296	32,960,367	33,172,113	32,619,775	33,391,835	33,680,980	(289,145)
2006	48,764,054	48,060,884	48,348,279	48,100,971	46,460,682	48,067,671	48,170,045	50,354,542	(2,184,497)
2007	57,634,928	39,199,191	39,864,155	39,298,800	39,474,902	38,254,811	39,454,048	40,068,884	(614,836)
2008	38,075,155	53,116,312	51,568,393	52,856,695	51,302,599	52,917,640	52,513,800	55,606,023	(3,092,223)
2009	56,754,778	67,368,322	64,324,415	66,811,324	63,645,490	62,966,083	66,168,021	67,166,365	(998,345)
2010	23,956,849	33,565,500	32,585,036	33,396,590	36,153,935	38,137,516	33,182,375	33,547,585	(365,209)
2011	44,489,527	54,976,760	55,144,351	55,005,429	54,071,088	49,631,477	55,042,180	54,943,337	98,842
2012	32,369,189	38,068,933	37,122,079	37,898,898	40,426,945	39,817,573	37,696,637	41,318,223	(3,621,587)
2013	52,974,025	36,567,514	37,383,422	36,723,887	40,476,334	29,998,227	36,891,608	37,663,740	(772,133)
2014	70,835,197	44,616,929	46,121,910	44,954,308	48,189,897	35,746,665	45,231,049	45,970,556	(739,507)
2015	63,818,254	82,581,531	81,206,537	82,232,579	77,853,868	73,624,928	82,006,882	80,910,872	1,096,010
2016	17,028,554	25,174,403	26,860,260	25,668,492	37,240,583	27,254,310	28,439,610	29,432,508	(992,899)
2017	40,138,337	54,467,428	63,151,558	57,570,650	59,853,593	57,709,475	58,550,541	60,433,196	(1,882,655)
2018	95,781,476	86,669,840	92,362,822	89,096,189	80,846,711	84,876,754	86,770,463	84,212,362	2,558,102
2019	112,324,064	74,060,007	79,996,354	77,454,357	75,948,280	69,460,092	75,714,771	81,284,175	(5,569,404)
2020	14,407,473	48,712,034	68,013,094	66,832,396	79,925,335	57,067,436	67,959,566	70,045,219	(2,085,653)
2021 (3 Mo)	N/A	N/A	21,360,613	21,151,543	20,068,097	17,046,323	19,906,644	N/A	N/A
Totals:									
All Years	N/A	N/A	1,363,747,744	1,347,044,783	1,355,786,128	1,317,527,441	1,347,543,181	N/A	N/A
1989 - 2020	1,312,154,967	1,298,414,275	1,342,387,132	1,325,893,240	1,335,718,031	1,300,481,118	1,327,636,537	1,352,535,663	(24,899,125)
1989 - 2019	1,297,747,494	1,249,702,241	1,274,374,037	1,259,060,844	1,255,792,696	1,243,413,682	1,259,676,972	1,282,490,444	(22,813,472)

Notes: (a) See Exhibit VIII, Sheet 1, Column (5).

(b) See Exhibit VII, Sheet 1, Column (5).

(c) See Exhibit VI, Sheet 1, Column (14).

(d) See Exhibit V, Column (6).

(e) See Exhibit VI, Sheet 2, Column (11).

(f) See Appendix E, Exhibit I, Sheet 1, Column (7).

(g) Selected based on average of columns (3), (4), & (5) for birth years 2015 and prior. The selection for birth years 2016 to 2018 is based on average of columns (3), (4), (5), (6), & (7). The selection for birth years 2019 and 2021 is based on average of columns (4), (5), (6), & (7).

Estimation of Ultimate Loss & ALAE - Adjusted to Birth Year Level
Based on Bornhuetter-Ferguson Approach
Evaluated As of March 31, 2021

Year of Birth	Birth Year Level Initial Expected Ultimate (a) Loss & ALAE	Expected Percent (b) Unreported @ 3/31/21	Birth Year Level Expected Unreported Loss & ALAE (2) x (3)	Birth Year (c) Level Reported Loss & ALAE	Indicated Birth Year Level Ultimate Loss & ALAE (4) + (5)
-----	-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)	(6)
1989	23,721,435	9.0%	2,132,274	20,088,673	22,220,947
1990	11,586,867	9.4%	1,088,763	9,148,446	10,237,209
1991	20,477,442	9.8%	2,007,283	19,011,752	21,019,036
1992	41,449,974	10.2%	4,230,585	36,459,698	40,690,283
1993	41,619,524	10.6%	4,415,309	36,403,414	40,818,723
1994	19,070,917	11.0%	2,099,556	16,140,991	18,240,547
1995	27,308,918	11.4%	3,115,365	24,694,512	27,809,878
1996	26,197,261	11.8%	3,092,520	23,027,809	26,120,329
1997	37,719,163	12.2%	4,601,680	32,550,968	37,152,648
1998	62,086,199	12.7%	7,909,837	54,703,594	62,613,431
1999	25,346,026	15.0%	3,792,636	20,125,477	23,918,113
2000	17,124,916	16.1%	2,749,194	13,375,136	16,124,330
2001	25,660,824	16.4%	4,214,351	23,091,978	27,306,329
2002	64,086,454	13.7%	8,784,633	54,937,975	63,722,608
2003	14,597,939	13.3%	1,945,855	13,021,181	14,967,036
2004	25,773,310	14.6%	3,768,539	22,301,321	26,069,860
2005	34,507,296	14.0%	4,842,565	28,117,802	32,960,367
2006	48,348,279	13.9%	6,743,742	41,357,229	48,100,971
2007	39,864,155	15.0%	5,971,474	33,327,325	39,298,800
2008	51,568,393	16.8%	8,649,054	44,207,641	52,856,695
2009	64,324,415	18.3%	11,770,587	55,040,738	66,811,324
2010	32,585,036	17.2%	5,613,586	27,783,004	33,396,590
2011	55,144,351	17.1%	9,433,480	45,571,950	55,005,429
2012	37,122,079	18.0%	6,666,349	31,232,548	37,898,898
2013	37,383,422	19.2%	7,164,733	29,559,154	36,723,887
2014	46,121,910	22.4%	10,339,375	34,614,932	44,954,308
2015	81,206,537	25.4%	20,608,934	61,623,645	82,232,579
2016	26,860,260	29.3%	7,872,162	17,796,329	25,668,492
2017	63,151,558	35.7%	22,566,831	35,003,819	57,570,650
2018	92,362,822	42.6%	39,365,036	49,731,154	89,096,189
2019	79,996,354	57.2%	45,741,199	31,713,158	77,454,357
2020	68,013,094	93.9%	63,852,549	2,979,847	66,832,396
2021 (3 Mo)	21,360,613	99.0%	21,151,543	-	21,151,543
Totals:	1,363,747,744		358,301,580	988,743,203	1,347,044,783

Notes: (a) See Exhibit VI, Sheet 1, Column (14).

(b) Based on cumulative development factors shown in Exhibit VII, Sheet 1, Col. (4) for all birth years prior to the current birth year. The percent unreported for the current birth year is adjusted to account for the partial year.

(c) See Exhibit VII, Sheet 1, Column (2).

Estimated Ultimate Loss & Expense Based on Frequency / Severity Method - Birth Year Cost Level

Year of Birth	Birth Year Level Ultimate Loss & ALAE Based On			Inflation Incurred Basis (c)	Adjustment Factor to 2021 Level	Estimated 2021 Level Ultimate Loss & ALAE (4) x (6)	Estimated Ultimate (d) Accepted Claim Cts. (AAA & AAD Only)	Indicated Average Claim Size		Birth Year Level Average Claim Size Based on All Years (15) / (6)	Estimated % Rept. (e)	Indicated Birth Year Level Average (f) Claim Size	Estimated Birth Year Level Ultimate Loss & ALAE (13) x (8)
	Paid (a) Projection	Incurred (b) Projection	Selected					Birth Year Level (4) / (8)	2021 Level (7) / (8)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1989	27,993,240	22,072,750	22,072,750	0.90%	1.453	32,082,485	11.0	2,006,614	2,916,590	3,674,025	91.01%	2,156,494	23,721,435
1990	11,522,095	10,097,236	10,097,236	0.83%	1.440	14,544,969	7.0	1,442,462	2,077,853	3,707,178	90.60%	1,655,267	11,586,867
1991	18,215,889	21,077,895	21,077,895	0.61%	1.429	30,111,470	4.0	5,269,474	7,527,868	3,738,083	90.20%	5,119,360	20,477,442
1992	31,698,779	40,603,932	40,603,932	0.56%	1.420	57,652,318	13.0	3,123,379	4,434,794	3,761,015	89.79%	3,188,460	41,449,974
1993	48,387,796	40,723,686	40,723,686	0.52%	1.412	57,499,154	13.0	3,132,591	4,423,012	3,782,155	89.39%	3,201,502	41,619,524
1994	18,337,901	18,137,820	18,137,820	0.46%	1.405	25,476,281	7.0	2,591,117	3,639,469	3,801,918	88.99%	2,724,417	19,070,917
1995	26,776,908	27,874,385	27,874,385	0.42%	1.398	38,971,022	6.0	4,645,731	6,495,170	3,819,594	88.59%	4,551,486	27,308,918
1996	26,445,653	26,110,032	26,110,032	0.41%	1.392	36,352,276	7.0	3,730,005	5,193,182	3,835,566	88.20%	3,742,466	26,197,261
1997	33,986,783	37,073,931	37,073,931	0.31%	1.387	51,407,976	11.0	3,370,357	4,673,452	3,851,163	87.80%	3,429,015	37,719,163
1998	62,774,850	62,690,407	62,690,407	0.35%	1.382	86,658,041	15.0	4,179,360	5,777,203	3,863,189	87.26%	4,139,080	62,086,199
1999	37,888,025	23,666,851	23,666,851	0.42%	1.378	32,602,566	9.0	2,629,650	3,622,507	3,876,523	85.04%	2,816,225	25,346,026
2000	20,967,574	15,932,979	15,932,979	0.45%	1.372	21,856,120	6.0	2,655,497	3,642,687	3,892,939	83.95%	2,854,153	17,124,916
2001	30,144,282	27,629,680	27,629,680	0.40%	1.366	37,732,164	4.0	6,907,420	9,433,041	3,910,370	83.58%	6,415,206	25,660,824
2002	63,556,506	63,664,811	63,664,811	0.43%	1.360	86,598,542	17.0	3,744,989	5,094,032	3,925,930	86.29%	3,769,791	64,086,454
2003	20,521,865	15,023,802	15,023,802	0.37%	1.354	20,347,390	3.0	5,007,934	6,782,463	3,942,983	86.67%	4,865,980	14,597,939
2004	24,464,017	26,120,647	26,120,647	4.59%	1.349	35,246,289	6.0	4,353,441	5,874,381	3,957,530	85.38%	4,295,552	25,773,310
2005	39,120,943	32,707,842	32,707,842	0.91%	1.290	42,198,439	11.0	2,973,440	3,836,222	4,139,131	85.97%	3,137,027	34,507,296
2006	48,764,054	48,060,884	48,060,884	4.48%	1.279	61,447,500	12.0	4,005,074	5,120,625	4,176,777	86.05%	4,029,023	48,348,279
2007	57,634,928	39,199,191	39,199,191	0.57%	1.224	47,969,220	10.0	3,919,919	4,796,922	4,363,833	85.02%	3,986,415	39,864,155
2008	38,075,155	53,116,312	53,116,312	5.09%	1.217	64,631,535	10.0	5,311,631	6,463,154	4,388,713	83.23%	5,156,839	51,568,393
2009	56,754,778	67,368,322	67,368,322	0.73%	1.158	78,001,749	11.0	6,124,393	7,091,068	4,612,168	81.70%	5,847,674	64,324,415
2010	23,956,849	33,565,500	33,565,500	0.37%	1.149	38,582,933	6.0	5,594,250	6,430,489	4,645,705	82.77%	5,430,839	32,585,036
2011	44,489,527	54,976,760	54,976,760	0.48%	1.145	62,959,910	12.0	4,581,397	5,246,659	4,663,036	82.89%	4,595,363	55,144,351
2012	32,369,189	38,068,933	38,068,933	8.92%	1.140	43,390,788	7.0	5,438,419	6,198,684	4,685,187	82.04%	5,303,154	37,122,079
2013	52,974,025	36,567,514	36,567,514	0.59%	1.046	38,266,293	8.0	4,570,939	4,783,287	5,103,084	80.83%	4,672,928	37,383,422
2014	70,835,197	44,616,929	44,616,929	0.22%	1.040	46,417,222	10.0	4,461,693	4,641,722	5,133,035	77.58%	4,612,191	46,121,910
2015	63,818,254	82,581,531	82,581,531	0.20%	1.038	85,726,607	15.0	5,505,435	5,715,107	5,144,238	74.62%	5,413,769	81,206,537
2016	17,028,554	25,174,403	25,174,403	1.88%	1.036	26,081,428	6.0	4,195,734	4,346,905	5,154,440	70.69%	4,476,710	26,860,260
2017	40,138,337	54,467,428	54,467,428	0.25%	1.017	55,389,168	15.0	3,631,162	3,692,611	5,251,287	64.27%	4,210,104	63,151,558
2018	95,781,476	86,669,840	86,669,840	0.25%	1.014	87,913,675	19.0	4,561,571	4,627,036	5,264,599	57.38%	4,861,201	92,362,822
2019	112,324,064	74,060,007	74,060,007	0.96%	1.012	74,937,429	16.0	4,628,750	4,683,589	5,277,627	42.82%	4,999,772	79,996,354
2020	14,407,473	48,712,034	48,712,034	0.22%	1.002	48,818,406	13.0	3,747,080	3,755,262	5,328,517	6.12%	5,231,776	68,013,094
2021 (3 Mo)	N/A	N/A	N/A		1.000	N/A	4.0	N/A	N/A	5,340,153	N/A	5,340,153	21,360,613
Totals / Averages:													
1992 - 2016	991,772,394	981,257,086	981,257,086			1,224,073,766	235	4,175,562	5,208,825				983,077,559
1992 - 2004	445,950,940	425,252,965	425,252,965			588,400,140	117	3,634,641	5,029,061				428,041,425
2005 - 2016	545,821,454	556,004,121	556,004,121			635,673,626	118	4,711,899	5,387,065				555,036,134
1995 - 2004	347,526,463	325,787,526	325,787,526			447,772,387	84	3,878,423	5,330,624				325,901,010
2005 - 2015	528,792,899	530,829,718	530,829,718			609,592,197	112	4,739,551	5,442,787				528,175,873
1997 - 2006	382,188,899	352,571,835	352,571,835			476,095,027	94	3,750,764	5,064,841				355,250,406
2007 - 2017	498,074,793	529,702,823	529,702,823			587,416,855	110	4,815,480	5,340,153				535,332,116
2010 - 2017	345,609,932	370,018,998	370,018,998			396,814,350	79	4,683,785	5,022,966				379,575,153

(15) Selected 2021 Level Average Claim Size ==> 5,340,153

Notes: (a) See Exhibit VIII, Sheet 1.

(b) See Exhibit VII, Sheet 1.

(c) See Exhibit IX, Sheets 8a, 8b and 8c, calendar year factors.

(d) Based on ultimate reported accepted claim counts for AAA and AAD only (Excluding DA claims). See Exhibit X, Sheet 1a, Column (10).

(e) See Exhibit VII, Sheet 1, Column (4) for basis of reporting pattern for all years other than the current birth year.

(f) The historical birth year level average claim size is based on a combination (wtd. avg.) of the average for all years (column (10)) and the average based on experience (column (15)) for all birth years prior to the current birth year. The calculation for the current birth year is shown in Item (15). The weights are based on reporting pattern as shown in column (1)

Estimation of Birth Year Level Ultimate Loss & ALAE
Based on Cape Cod Type Methodology

Evaluated As of March 31, 2021

Year of Birth	Insured (a)	Birth Year Level (b) Incurred Loss & ALAE @ 3/31/21	Expected Percent (c) Reported @ 3/31/21	Exposure Adjusted to Expected Percent Reported (2) X (4)	Adjustment Factor to 2021 Level	Incurred (Reported) Loss & ALAE Adjusted to BY 2021 Level (3) X (6)	2021 Level Loss & ALAE per Insured Physician (7) / (5)	Indicated (e) BY Level Unreported Loss & ALAE	Indicated BY Level Ultimate Loss & ALAE (3) + (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)	(11)
1989	570	20,088,673	91.01%	518.8	1.453	29,198,652	56,285	1,838,356	21,927,029
1990	590	9,148,446	90.60%	534.6	1.440	13,178,247	24,652	2,007,119	11,155,566
1991	653	19,011,752	90.20%	589.0	1.429	27,159,820	46,113	2,336,715	21,348,467
1992	712	36,459,698	89.79%	639.3	1.420	51,768,043	80,972	2,669,142	39,128,840
1993	731	36,403,414	89.39%	653.5	1.412	51,399,216	78,658	2,864,384	39,267,798
1994	659	16,140,991	88.99%	586.4	1.405	22,671,545	38,659	2,693,733	18,834,724
1995	682	24,694,512	88.59%	604.2	1.398	34,525,260	57,142	2,902,128	27,596,640
1996	708	23,027,809	88.20%	624.4	1.392	32,060,982	51,345	3,130,617	26,158,426
1997	737	32,550,968	87.80%	647.1	1.387	45,136,281	69,753	3,381,616	35,932,583
1998	699	54,703,594	87.26%	609.9	1.382	75,617,730	123,974	3,359,743	58,063,337
1999	665	20,125,477	85.04%	565.5	1.378	27,724,103	49,026	3,767,088	23,892,566
2000	620	13,375,136	83.95%	520.5	1.372	18,347,390	35,252	3,784,049	17,159,185
2001	676	23,091,978	83.58%	565.0	1.366	31,535,302	55,817	4,239,700	27,331,679
2002	730	54,937,975	86.29%	629.9	1.360	74,728,071	118,628	3,836,483	58,774,459
2003	785	13,021,181	86.67%	680.4	1.354	17,635,153	25,920	4,029,248	17,050,429
2004	841	22,301,321	85.38%	718.0	1.349	30,092,624	41,910	4,752,625	27,053,946
2005	891	28,117,802	85.97%	766.0	1.290	36,276,541	47,361	5,054,311	33,172,113
2006	897	41,357,229	86.05%	771.9	1.279	52,876,645	68,503	5,103,453	46,460,682
2007	963	33,327,325	85.02%	818.7	1.224	40,783,643	49,812	6,147,577	39,474,902
2008	987	44,207,641	83.23%	821.5	1.217	53,791,531	65,483	7,094,958	51,302,599
2009	1,044	55,040,738	81.70%	853.0	1.158	63,728,377	74,714	8,604,752	63,645,490
2010	1,071	27,783,004	82.77%	886.5	1.149	31,936,060	36,025	8,370,930	36,153,935
2011	1,091	45,571,950	82.89%	904.4	1.145	52,189,432	57,708	8,499,139	54,071,088
2012	1,119	31,232,548	82.04%	918.1	1.140	35,598,710	38,776	9,194,397	40,426,945
2013	1,143	29,559,154	80.83%	923.9	1.046	30,932,354	33,479	10,917,179	40,476,334
2014	1,208	34,614,932	77.58%	937.2	1.040	36,011,645	38,425	13,574,965	48,189,897
2015	1,273	61,623,645	74.62%	949.9	1.038	63,970,550	67,342	16,230,223	77,853,868
2016	1,318	17,796,329	70.69%	931.7	1.036	18,437,525	19,789	19,444,254	37,240,583
2017	1,356	35,003,819	64.27%	871.4	1.017	35,596,181	40,847	24,849,774	59,853,593
2018	1,420	49,731,154	57.38%	814.8	1.014	50,444,866	61,911	31,115,557	80,846,711
2019	1,501	31,713,158	42.82%	642.7	1.012	32,088,878	49,925	44,235,122	75,948,280
2020	1,575	2,979,847	6.12%	96.3	1.002	2,986,354	30,996	76,945,488	79,925,335
2021 (3 Mo)	1,543	0	0.24%	3.8	1.000	0	0	20,068,097	20,068,097

Totals / Averages:

1992 - 2016	22,250	821,066,354		18,527		1,029,774,712	55,583	163,646,695	984,713,050
1992 - 2004	9,245	370,834,055		8,044		513,241,701	63,803	45,410,557	416,244,613
2005 - 2016	13,005	450,232,299		10,483		516,533,011	49,275	118,236,138	568,468,437
1995 - 2004	7,143	281,829,952		6,165		387,402,896	62,840	37,183,298	319,013,250
2005 - 2015	11,687	432,435,970		9,551		498,095,486	52,151	98,791,884	531,227,854
1997 - 2006	7,541	303,582,662		6,474		409,969,841	63,324	41,308,317	344,890,979
2007 - 2017	12,573	415,761,087		9,816		462,976,006	47,164	132,928,148	548,689,235
2010 - 2017	9,579	283,185,383		7,323		304,672,456	41,604	111,080,861	394,266,243

(9) Indicated 2021 Level Loss & ALAE per Insured Physician

52,151

Notes: (a) See Exhibit X, Sheet 1d, Column (6) for birth years 2015 & prior, and Exhibit X, Sheet 1c, Columns (4) for birth years 2016 & subsequent.

(b) See Exhibit VII, Sheet 1.

(c) Based on cumulative development factors shown in Exhibit VII, Sheet 1, Column (4).

(d) See Exhibit VI, Sheet 1, Column (6).

(e) Calculation = [Item (9) / Column (6)] X [1.0 - Column (4)] X Column (2), except for the current year (2021) - current year calculation is adjusted to account for the partial year.

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis

Evaluated As of March 31, 2021

Year of Birth	Combined	Loss Development Factors		Combined Incurred
	Incurred	-----		Loss & ALAE
	Loss & ALAE	Incremental	Cumulative	Projection (2) x (4)
----- (1)	----- (2)	----- (3)	----- (4)	----- (5)
1989	20,088,673	1.0988	1.0988	22,072,750
1990	9,148,446	1.0045	1.1037	10,097,236
1991	19,011,752	1.0045	1.1087	21,077,895
1992	36,459,698	1.0045	1.1137	40,603,932
1993	36,403,414	1.0045	1.1187	40,723,686
1994	16,140,991	1.0045	1.1237	18,137,820
1995	24,694,512	1.0045	1.1288	27,874,385
1996	23,027,809	1.0045	1.1338	26,110,032
1997	32,550,968	1.0045	1.1390	37,073,931
1998	54,703,594	1.0062	1.1460	62,690,407
1999	20,125,477	1.0261	1.1760	23,666,851
2000	13,375,136	1.0130	1.1912	15,932,979
2001	23,091,978	1.0044	1.1965	27,629,680
2002	54,937,975	0.9685	1.1588	63,664,811
2003	13,021,181	0.9956	1.1538	15,023,802
2004	22,301,321	1.0151	1.1713	26,120,647
2005	28,117,802	0.9932	1.1632	32,707,842
2006	41,357,229	0.9990	1.1621	48,060,884
2007	33,327,325	1.0121	1.1762	39,199,191
2008	44,207,641	1.0215	1.2015	53,116,312
2009	55,040,738	1.0187	1.2240	67,368,322
2010	27,783,004	0.9871	1.2081	33,565,500
2011	45,571,950	0.9985	1.2064	54,976,760
2012	31,232,548	1.0104	1.2189	38,068,933
2013	29,559,154	1.0149	1.2371	36,567,514
2014	34,614,932	1.0419	1.2890	44,616,929
2015	61,623,645	1.0397	1.3401	82,581,531
2016	17,796,329	1.0556	1.4146	25,174,403
2017	35,003,819	1.1000	1.5560	54,467,428
2018	49,731,154	1.1200	1.7428	86,669,840
2019	31,713,158	1.3400	2.3353	74,060,007
2020	2,979,847	7.0000	16.3472	48,712,034
2021	0	25.0000	408.6790	0
Totals:	988,743,203			1,298,414,275

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis

Year of Birth	3	15	27	39	51	63	75	87	99	111	123	135
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1989				23,149,536	26,926,138	23,724,652	21,922,648	15,207,076	16,763,074	18,340,750	18,818,234	16,798,593
1990			12,450,732	21,977,875	18,453,256	25,813,657	16,089,674	16,147,480	12,962,470	12,547,242	12,734,389	13,253,897
1991		6,269,699	8,043,736	7,195,368	11,165,624	7,455,543	7,971,128	7,816,505	7,676,559	8,205,051	8,362,312	12,507,862
1992	-	10,264,623	11,444,751	39,201,317	17,241,793	18,017,762	15,669,153	16,277,768	16,976,915	16,356,216	20,442,837	21,911,367
1993	-	6,033,122	16,927,069	21,508,286	24,471,728	25,244,737	33,398,515	35,521,245	44,159,345	56,091,570	52,879,124	48,382,903
1994	-	6,682,590	4,414,454	6,932,000	8,050,767	9,925,796	17,755,685	18,084,010	16,319,595	10,114,436	9,747,917	10,271,658
1995	-	1,148,951	2,283,393	9,879,975	13,600,448	12,283,873	15,877,014	19,570,411	19,620,987	20,213,121	20,816,106	23,752,156
1996	-	1,211,897	4,205,943	7,850,690	8,573,218	16,864,327	26,073,298	24,186,363	24,714,093	30,229,600	28,366,840	31,336,472
1997	-	1,161,547	12,526,757	13,109,566	14,478,304	23,641,075	28,110,248	29,475,460	23,391,432	26,444,350	26,340,328	26,656,934
1998	-	10,433,286	11,158,159	19,544,866	28,660,774	34,435,102	38,307,671	37,847,898	40,641,840	45,470,969	45,982,152	48,404,026
1999	-	6,444,076	8,179,359	12,677,359	24,534,365	27,583,159	25,335,405	25,451,092	23,755,404	24,434,391	26,520,690	22,627,967
2000	-	9,323,051	21,259,175	21,413,299	25,329,199	15,476,205	14,900,945	16,082,909	15,728,913	15,589,769	19,271,801	18,167,744
2001	-	267,023	7,492,911	12,030,353	10,341,362	14,779,507	16,835,434	19,834,634	18,906,200	18,847,267	20,682,065	19,189,136
2002	-	5,820,745	13,919,975	26,615,030	26,645,136	32,273,540	36,815,264	42,817,902	57,883,244	56,058,322	64,167,672	62,815,814
2003	-	220,002	498,168	6,952,381	11,866,761	9,754,240	8,779,447	9,784,508	12,018,504	12,936,453	12,599,043	11,975,150
2004	-	160,382	6,530,246	12,439,982	20,468,612	24,943,794	23,821,927	19,541,539	20,013,821	18,638,252	19,390,720	19,494,514
2005	-	54,528	7,202,548	22,587,286	29,217,599	36,614,366	46,085,703	44,388,621	40,912,208	30,145,604	26,558,924	26,230,213
2006	-	2,995,583	6,769,302	18,914,755	30,078,964	36,407,950	43,413,181	40,344,871	40,034,262	41,886,093	42,649,401	42,651,170
2007	-	260,477	6,729,363	19,723,202	30,191,685	39,992,769	38,839,896	35,710,443	36,240,884	35,557,158	33,220,488	31,944,567
2008	-	4,576,413	21,127,132	30,640,330	42,837,212	41,301,759	45,284,761	46,043,235	47,869,429	44,066,385	43,884,601	42,579,129
2009	-	2,498,309	14,202,226	37,477,696	42,281,423	45,452,708	40,736,755	43,479,203	47,186,471	51,409,765	51,818,968	53,809,332
2010	-	3,171,475	14,764,660	23,643,260	29,748,288	24,634,842	24,865,277	23,493,024	24,930,459	25,520,863	27,483,381	27,783,004
2011	2,640,000	10,619,984	16,531,332	30,686,907	35,965,267	39,740,114	41,361,291	41,989,028	42,279,757	43,351,585	45,571,950	
2012	3,640,000	11,009,784	18,604,455	33,865,602	28,343,675	22,080,069	25,519,805	29,740,149	30,436,158	31,232,548		
2013	25,000	10,918,581	20,030,902	20,862,647	25,541,463	29,767,565	28,506,904	28,674,833	29,559,154			
2014	-	14,412,528	22,034,617	38,342,159	38,217,756	38,364,780	32,209,102	34,614,932				
2015	-	2,166,283	13,060,201	27,351,494	40,971,926	49,304,233	61,623,645					
2016	2,640,000	477,406	3,156,113	6,943,706	12,573,249	17,796,329						
2017	-	5,783,600	18,719,883	30,452,065	35,003,819							
2018	-	13,806,933	35,242,945	49,731,154								
2019	30,000	13,302,391	31,713,158									
2020	-	2,979,847										
2021	-											

Year of Birth	147	159	171	183	195	207	219	231	243	255	267	279
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1989	15,198,920	21,447,553	17,140,604	17,790,515	18,756,451	20,562,018	24,345,852	23,784,526	22,822,096	21,147,104	21,625,478	21,124,713
1990	15,816,772	18,758,370	18,029,774	19,019,970	18,831,379	16,155,093	12,589,959	12,168,801	11,048,586	8,691,194	8,735,593	9,046,080
1991	13,058,075	12,424,982	14,614,555	14,857,551	16,660,425	18,529,856	19,569,061	18,183,863	18,327,478	18,991,860	21,053,821	19,589,049
1992	23,342,352	24,029,756	29,205,759	36,981,931	36,769,505	37,105,525	37,794,310	37,918,491	38,538,104	40,851,898	38,434,725	36,805,255
1993	50,750,406	53,064,254	49,456,515	46,386,056	40,105,098	38,460,390	39,153,181	35,610,083	37,316,613	33,788,099	33,875,014	34,257,494
1994	11,215,066	12,004,621	11,410,796	14,069,732	13,463,790	13,843,915	15,543,826	16,012,919	15,820,966	15,822,525	16,102,948	15,285,312
1995	23,550,902	21,944,007	24,777,051	25,633,952	24,393,771	22,932,243	21,573,315	22,939,054	23,046,794	22,842,007	23,067,472	23,722,104
1996	30,544,815	29,090,086	27,536,873	27,537,080	20,248,676	22,287,767	21,576,084	21,599,514	21,780,038	22,964,631	22,344,581	22,158,634
1997	26,554,550	32,507,251	36,753,174	34,826,546	33,294,639	31,590,405	30,316,019	30,381,315	29,140,215	28,915,576	29,390,061	31,913,502
1998	46,303,302	52,168,188	50,718,273	52,679,866	54,272,175	54,917,875	56,040,470	53,502,054	49,855,345	51,587,700	53,112,633	54,703,594
1999	26,123,399	23,234,615	23,004,747	23,405,207	20,610,227	20,942,335	19,886,806	20,093,138	20,502,046	19,832,153	20,125,477	
2000	14,619,395	16,681,332	14,630,183	14,835,304	14,736,026	14,844,192	15,944,794	15,817,926	14,795,922	13,375,136		
2001	21,444,125	20,747,297	21,393,736	21,612,643	22,126,533	22,295,189	22,739,179	22,055,399	23,091,978			
2002	56,920,793	55,995,693	56,546,636	53,190,541	52,077,826	51,512,283	52,523,825	54,937,975				
2003	12,336,057	12,061,360	12,049,378	13,892,150	12,630,191	12,671,281	13,021,181					
2004	19,386,947	20,290,125	21,442,829	22,051,571	22,905,689	22,301,321						
2005	26,309,271	25,782,717	26,291,687	27,247,761	28,117,802							
2006	38,729,921	39,350,558	39,518,267	41,357,229								
2007	32,432,652	32,348,561	33,327,325									
2008	42,149,368	44,207,641										
2009	55,040,738											
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis
Period to Period Development Factors

Year of Birth	3:15	15:27	27:39	39:51	51:63	63:75	75:87	87:99	99:111	111:123	123:135	135:147
1989				1.163	0.881	0.924	0.694	1.102	1.094	1.026	0.893	0.905
1990			1.765	0.840	1.399	0.623	1.004	0.803	0.968	1.015	1.041	1.193
1991		1.283	0.895	1.552	0.668	1.069	0.981	0.982	1.069	1.019	1.496	1.044
1992		1.115	3.425	0.440	1.045	0.870	1.039	1.043	0.963	1.250	1.072	1.065
1993		2.806	1.271	1.138	1.032	1.323	1.064	1.243	1.270	0.943	0.915	1.049
1994		0.661	1.570	1.161	1.233	1.789	1.018	0.902	0.620	0.964	1.054	1.092
1995		1.987	4.327	1.377	0.903	1.293	1.233	1.003	1.030	1.030	1.141	0.992
1996		3.471	1.867	1.092	1.967	1.546	0.928	1.022	1.223	0.938	1.105	0.975
1997		10.785	1.047	1.104	1.633	1.189	1.049	0.794	1.131	0.996	1.012	0.996
1998		1.069	1.752	1.466	1.201	1.112	0.988	1.074	1.119	1.011	1.053	0.957
1999		1.269	1.550	1.935	1.124	0.919	1.005	0.933	1.029	1.085	0.853	1.154
2000		2.280	1.007	1.183	0.611	0.963	1.079	0.978	0.991	1.236	0.943	0.805
2001		28.061	1.606	0.860	1.429	1.139	1.178	0.953	0.997	1.097	0.928	1.118
2002		2.391	1.912	1.001	1.211	1.141	1.163	1.352	0.968	1.145	0.979	0.906
2003		2.264	13.956	1.707	0.822	0.900	1.114	1.228	1.076	0.974	0.950	1.030
2004		40.717	1.905	1.645	1.219	0.955	0.820	1.024	0.931	1.040	1.005	0.994
2005		132.090	3.136	1.294	1.253	1.259	0.963	0.922	0.737	0.881	0.988	1.003
2006		2.260	2.794	1.590	1.210	1.192	0.929	0.992	1.046	1.018	1.000	0.908
2007		25.835	2.931	1.531	1.325	0.971	0.919	1.015	0.981	0.934	0.962	1.015
2008		4.617	1.450	1.398	0.964	1.096	1.017	1.040	0.921	0.996	0.970	0.990
2009		5.685	2.639	1.128	1.075	0.896	1.067	1.085	1.090	1.008	1.038	1.023
2010		4.655	1.601	1.258	0.828	1.009	0.945	1.061	1.024	1.077	1.011	
2011	4.023	1.557	1.856	1.172	1.105	1.041	1.015	1.007	1.025	1.051		
2012	3.025	1.690	1.820	0.837	0.779	1.156	1.165	1.023	1.026			
2013	436.743	1.835	1.042	1.224	1.165	0.958	1.006	1.031				
2014		1.529	1.740	0.997	1.004	0.840	1.075					
2015		6.029	2.094	1.498	1.203	1.250						
2016	0.181	6.611	2.200	1.811	1.415							
2017		3.237	1.627	1.149								
2018		2.553	1.411									
2019	443.413	2.384										
2020												
Simple Avg. - Incremental		10.4387	2.3516	1.2604	1.1323	1.0897	1.0176	1.0245	1.0137	1.0320	1.0185	1.0102
Wtd Avg. All - Incremental		2.3454	1.7539	1.1785	1.0988	1.0692	1.0107	1.0341	1.0180	1.0239	0.9997	0.9952
Wtd Latest Five - Incremental		2.8672	1.6572	1.2288	1.0801	1.0556	1.0397	1.0419	1.0149	1.0104	0.9985	0.9871
Wtd Latest Three - Incremental		2.6047	1.5254	1.3676	1.1493	1.0418	1.0788	1.0186	1.0252	1.0382	1.0080	1.0100
Wtd Avg. All - Cumulative		7.2004	3.0700	1.7504	1.4852	1.3516	1.2642	1.2508	1.2095	1.1881	1.1603	1.1607
Wtd Latest Five - Cumulative		9.0370	3.1518	1.9018	1.5478	1.4330	1.3575	1.3057	1.2532	1.2347	1.2221	1.2238
Selected Incremental - Prior 3/31/20	25.0000	1.6000	1.5000	1.1750	1.1200	1.0500	1.0500	1.0450	1.0300	1.0200	1.0000	1.0050
Selected - Incremental	25.0000	7.0000	1.3400	1.1200	1.1000	1.0556	1.0397	1.0419	1.0149	1.0104	0.9985	0.9871
Selected - Cumulative	408.6790	16.3472	2.3353	1.7428	1.5560	1.4146	1.3401	1.2890	1.2371	1.2189	1.2064	1.2081

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis
Period to Period Development Factors

Year of Birth -----	147:159 -----	159:171 -----	171:183 -----	183:195 -----	195:207 -----	207:219 -----	219:231 -----	231:243 -----	243:255 -----	255:267 -----	267:279 -----	279:291 -----
1989	1.411	0.799	1.038	1.054	1.096	1.184	0.977	0.960	0.927	1.023	0.977	1.008
1990	1.186	0.961	1.055	0.990	0.858	0.779	0.967	0.908	0.787	1.005	1.036	0.920
1991	0.952	1.176	1.017	1.121	1.112	1.056	0.929	1.008	1.036	1.109	0.930	1.011
1992	1.029	1.215	1.266	0.994	1.009	1.019	1.003	1.016	1.060	0.941	0.958	1.001
1993	1.046	0.932	0.938	0.865	0.959	1.018	0.910	1.048	0.905	1.003	1.011	0.985
1994	1.070	0.951	1.233	0.957	1.028	1.123	1.030	0.988	1.000	1.018	0.949	1.004
1995	0.932	1.129	1.035	0.952	0.940	0.941	1.063	1.005	0.991	1.010	1.028	1.014
1996	0.952	0.947	1.000	0.735	1.101	0.968	1.001	1.008	1.054	0.973	0.992	1.012
1997	1.224	1.131	0.948	0.956	0.949	0.960	1.002	0.959	0.992	1.016	1.086	1.020
1998	1.127	0.972	1.039	1.030	1.012	1.020	0.955	0.932	1.035	1.030	1.030	
1999	0.889	0.990	1.017	0.881	1.016	0.950	1.010	1.020	0.967	1.015		
2000	1.141	0.877	1.014	0.993	1.007	1.074	0.992	0.935	0.904			
2001	0.968	1.031	1.010	1.024	1.008	1.020	0.970	1.047				
2002	0.984	1.010	0.941	0.979	0.989	1.020	1.046					
2003	0.978	0.999	1.153	0.909	1.003	1.028						
2004	1.047	1.057	1.028	1.039	0.974							
2005	0.980	1.020	1.036	1.032								
2006	1.016	1.004	1.047									
2007	0.997	1.030										
2008	1.049											
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
Simple Avg. - Incremental	1.0489	1.0122	1.0452	0.9713	1.0038	1.0106	0.9897	0.9873	0.9716	1.0128	0.9997	0.9972
Wtd Avg. All - Incremental	1.0390	1.0075	1.0260	0.9656	0.9978	1.0100	0.9882	0.9879	0.9862	1.0085	1.0032	1.0023
Wtd Latest Five - Incremental	1.0187	1.0215	1.0121	0.9990	0.9932	1.0151	0.9956	0.9685	1.0044	1.0130	1.0261	1.0062
Wtd Latest Three - Incremental	1.0229	1.0170	1.0390	1.0073	0.9871	1.0209	1.0176	1.0073	0.9958	1.0229	1.0375	1.0159
Wtd Avg. All - Cumulative	1.1663	1.1225	1.1142	1.0860	1.1246	1.1271	1.1160	1.1293	1.1431	1.1591	1.1493	1.1456
Wtd Latest Five - Cumulative	1.2399	1.2172	1.1915	1.1772	1.1784	1.1865	1.1688	1.1739	1.2121	1.2067	1.1913	1.1609
Selected Incremental - Prior 3/31/20	1.0200	1.0150	1.0200	0.9925	1.0000	1.0100	0.9900	0.9900	1.0040	1.0135	1.0200	1.0045
Selected - Incremental	1.0187	1.0215	1.0121	0.9990	0.9932	1.0151	0.9956	0.9685	1.0044	1.0130	1.0261	1.0062
Selected - Cumulative	1.2240	1.2015	1.1762	1.1621	1.1632	1.1713	1.1538	1.1588	1.1965	1.1912	1.1760	1.1460

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis
Period to Period Development Factors

Year of Birth -----	291:303 -----	303:315 -----	315:327 -----	327:339 -----	339:351 -----	351:363 -----	363:375 -----	375:387 -----	387:Ult. -----
1989	0.957	0.966	1.017	0.975	0.992	1.036	1.001	1.000	
1990	0.970	1.006	0.883	1.203	1.001	1.002	1.057		
1991	1.010	1.003	0.972	1.007	1.012	0.957			
1992	0.990	1.009	0.983	0.989	1.019				
1993	0.983	1.060	1.015	1.020					
1994	1.008	1.022	1.021						
1995	1.009	1.018							
1996	1.026								
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
2017									
2018									
2019									
2020									
Simple Avg. - Incremental	0.9941	1.0120	0.9819	1.0387	1.0062	0.9983	1.0291	1.0001	
Wtd Avg. All - Incremental	0.9945	1.0159	0.9931	1.0118	1.0094	0.9970	1.0181	1.0001	
Wtd Latest Five - Incremental	0.9998	1.0243	0.9890	1.0118	1.0094	0.9970	1.0181	1.0001	
Wtd Latest Three - Incremental	1.0150	1.0377	1.0027	1.0049	1.0147	0.9970	1.0181	1.0001	
Wtd Avg. All - Cumulative	1.1430	1.1493	1.1313	1.1392	1.1259	1.1155	1.1188	1.0989	1.0988
Wtd Latest Five - Cumulative	1.1538	1.1540	1.1266	1.1392	1.1259	1.1155	1.1188	1.0989	1.0988
Selected Incremental - Prior 3/31/20	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045	1.1038	
Selected - Incremental	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045	1.0988
Selected - Cumulative	1.1390	1.1338	1.1288	1.1237	1.1187	1.1137	1.1087	1.1037	1.0988

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis

Evaluated As of March 31, 2021

Year of Birth	Combined Paid Loss & ALAE	Loss Development Factors		Combined Paid Loss & ALAE Projection (2) x (4)
		Incremental	Cumulative	
(1)	(2)	(3)	(4)	(5)
1989	12,320,339	2.2721	2.2721	27,993,240
1990	4,829,605	1.0500	2.3857	11,522,095
1991	7,271,789	1.0500	2.5050	18,215,889
1992	12,051,584	1.0500	2.6303	31,698,779
1993	17,520,566	1.0500	2.7618	48,387,796
1994	6,323,720	1.0500	2.8999	18,337,901
1995	8,794,155	1.0500	3.0449	26,776,908
1996	8,271,775	1.0500	3.1971	26,445,653
1997	10,124,303	1.0500	3.3570	33,986,783
1998	17,865,685	1.0467	3.5137	62,774,850
1999	10,233,792	1.0537	3.7022	37,888,025
2000	5,378,227	1.0530	3.8986	20,967,574
2001	7,376,305	1.0482	4.0866	30,144,282
2002	14,772,656	1.0528	4.3023	63,556,506
2003	4,497,130	1.0607	4.5633	20,521,865
2004	5,073,154	1.0567	4.8222	24,464,017
2005	7,648,525	1.0607	5.1148	39,120,943
2006	8,902,117	1.0710	5.4778	48,764,054
2007	9,768,845	1.0771	5.8999	57,634,928
2008	5,996,257	1.0763	6.3498	38,075,155
2009	8,237,881	1.0850	6.8895	56,754,778
2010	3,174,166	1.0955	7.5474	23,956,849
2011	5,372,356	1.0972	8.2812	44,489,527
2012	3,512,238	1.1129	9.2161	32,369,189
2013	5,163,050	1.1133	10.2602	52,974,025
2014	5,923,923	1.1654	11.9575	70,835,197
2015	4,572,608	1.1672	13.9566	63,818,254
2016	1,004,769	1.2143	16.9477	17,028,554
2017	1,874,802	1.2633	21.4094	40,138,337
2018	2,794,379	1.6010	34.2765	95,781,476
2019	1,655,739	1.9792	67.8392	112,324,064
2020	8,495	25.0000	1,695.9811	14,407,473
2021	0	50.0000	84,799.0526	0
Totals:	228,314,932			1,312,154,967

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis

Year of Birth	3	15	27	39	51	63	75	87	99	111	123	135
1989				1,369,815	2,150,117	3,111,140	3,536,986	3,867,862	4,259,488	4,799,152	5,100,967	5,420,982
1990			370,151	922,560	976,629	1,265,609	1,445,999	1,585,286	1,662,546	1,764,051	1,828,157	1,891,647
1991		2,093	217,224	254,382	640,729	936,381	1,061,541	1,146,558	1,190,462	1,224,308	1,322,537	1,410,836
1992	-	11,589	247,769	895,811	1,817,976	2,242,399	2,558,514	2,808,780	3,040,446	3,214,192	3,420,740	3,655,903
1993	-	1,750	221,428	935,265	1,562,696	2,407,500	3,115,186	3,880,653	4,605,988	5,347,602	6,114,390	6,783,881
1994	-	197,193	744,231	1,225,203	1,703,458	1,958,279	2,686,006	2,964,322	3,273,410	3,451,167	3,503,679	3,715,500
1995	-	2,544	131,459	746,300	1,152,345	1,226,752	1,324,232	1,463,312	1,549,451	1,735,019	1,942,094	2,582,440
1996	-	4,350	638,405	859,592	1,391,441	1,666,160	2,321,726	2,747,338	3,004,539	3,298,435	3,605,288	3,857,802
1997	-	12,552	581,546	957,983	1,242,195	1,651,117	2,306,607	2,687,149	2,980,342	3,284,979	3,494,499	3,858,116
1998	-	33,829	763,314	1,540,974	2,297,824	2,783,037	3,191,934	4,436,948	4,991,213	5,665,753	6,174,321	6,873,523
1999	-	521,547	982,925	1,290,571	1,851,921	2,437,779	2,883,275	3,248,851	3,850,183	4,702,404	5,278,642	5,779,098
2000	-	326,833	824,365	1,347,917	1,809,273	2,081,436	2,273,421	2,403,462	2,564,395	2,708,344	2,835,891	3,084,162
2001	-	117,765	496,134	1,128,136	1,561,375	1,951,485	2,768,125	3,204,613	3,469,595	3,671,125	3,918,813	4,179,465
2002	-	121,823	672,294	1,373,488	2,046,174	2,851,094	3,448,636	4,688,344	5,488,636	6,296,732	7,004,380	7,862,538
2003	-	215,016	482,840	584,764	693,612	995,313	1,501,139	1,653,338	1,799,162	2,030,446	2,258,346	2,466,314
2004	-	3,768	358,813	963,616	1,414,607	1,682,629	2,086,162	2,420,198	2,735,545	2,896,566	3,167,288	3,442,120
2005	-	24	23,224	770,461	1,520,278	2,019,107	3,027,321	3,649,625	4,157,913	4,564,094	4,944,859	5,314,079
2006	-	1,891	282,883	633,202	1,469,727	2,107,917	3,642,918	4,335,589	4,925,249	5,431,108	5,940,050	6,527,904
2007	-	113,472	554,876	1,313,188	2,241,363	2,968,585	3,861,848	4,641,554	5,376,947	6,148,008	6,891,318	7,608,866
2008	-	5,181	348,015	897,394	1,477,060	1,800,393	2,127,348	2,623,189	3,167,549	3,765,400	4,412,790	4,899,222
2009	-	325,467	714,866	1,704,851	2,588,080	3,090,811	3,611,341	4,343,675	5,601,159	6,127,676	6,719,381	7,363,421
2010	-	119,093	1,045,610	1,224,483	1,846,659	2,074,627	2,231,361	2,471,345	2,647,524	2,816,372	2,989,698	3,174,166
2011	-	17,682	216,679	1,205,852	1,707,577	2,484,494	3,156,460	3,786,835	4,379,998	4,851,430	5,372,356	
2012	58	22,335	261,902	1,001,640	1,698,193	2,101,519	2,368,276	2,783,440	3,132,436	3,512,238		
2013	-	133,032	911,908	1,939,020	2,628,191	3,234,097	3,858,821	4,568,867	5,163,050			
2014	-	165,996	964,742	1,927,852	3,297,426	4,356,589	5,121,365	5,923,923				
2015	-	606	517,928	1,524,146	2,828,273	3,533,859	4,572,608					
2016	-	363,419	504,501	581,240	813,089	1,004,769						
2017	-	169,842	632,071	1,174,373	1,874,802							
2018	-	153,879	1,423,846	2,794,379								
2019	-	20,513	1,655,739									
2020	-	8,495										
2021	-											

[illegible]

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis
Period to Period Development Factors

Year of Birth	3:15	15:27	27:39	39:51	51:63	63:75	75:87	87:99	99:111	111:123	123:135	135:147
1989				1.570	1.447	1.137	1.094	1.101	1.127	1.063	1.063	1.213
1990			2.492	1.059	1.296	1.143	1.096	1.049	1.061	1.036	1.035	1.048
1991		103.788	1.171	2.519	1.461	1.134	1.080	1.038	1.028	1.080	1.067	1.087
1992		21.379	3.616	2.029	1.233	1.141	1.098	1.082	1.057	1.064	1.069	1.088
1993		126.525	4.224	1.671	1.541	1.294	1.246	1.187	1.161	1.143	1.109	1.088
1994		3.774	1.646	1.390	1.150	1.372	1.104	1.104	1.054	1.015	1.060	1.125
1995		51.675	5.677	1.544	1.065	1.079	1.105	1.059	1.120	1.119	1.330	1.092
1996		146.774	1.346	1.619	1.197	1.393	1.183	1.094	1.098	1.093	1.070	1.078
1997		46.329	1.647	1.297	1.329	1.397	1.165	1.109	1.102	1.064	1.104	1.125
1998		22.564	2.019	1.491	1.211	1.147	1.390	1.125	1.135	1.090	1.113	1.104
1999		1.885	1.313	1.435	1.316	1.183	1.127	1.185	1.221	1.123	1.095	1.107
2000		2.522	1.635	1.342	1.150	1.092	1.057	1.067	1.056	1.047	1.088	1.063
2001		4.213	2.274	1.384	1.250	1.418	1.158	1.083	1.058	1.067	1.067	1.070
2002		5.519	2.043	1.490	1.393	1.210	1.359	1.171	1.147	1.112	1.123	1.127
2003		2.246	1.211	1.186	1.435	1.508	1.101	1.088	1.129	1.112	1.092	1.132
2004		95.233	2.686	1.468	1.189	1.240	1.160	1.130	1.059	1.093	1.087	1.075
2005		980.268	33.175	1.973	1.328	1.499	1.206	1.139	1.098	1.083	1.075	1.069
2006		149.613	2.238	2.321	1.434	1.728	1.190	1.136	1.103	1.094	1.099	1.093
2007		4.890	2.367	1.707	1.324	1.301	1.202	1.158	1.143	1.121	1.104	1.091
2008		67.166	2.579	1.646	1.219	1.182	1.233	1.208	1.189	1.172	1.110	1.100
2009		2.196	2.385	1.518	1.194	1.168	1.203	1.289	1.094	1.097	1.096	1.119
2010		8.780	1.171	1.508	1.123	1.076	1.108	1.071	1.064	1.062	1.062	
2011		12.255	5.565	1.416	1.455	1.270	1.200	1.157	1.108	1.107		
2012	386.410	11.726	3.824	1.695	1.238	1.127	1.175	1.125	1.121			
2013		6.855	2.126	1.355	1.231	1.193	1.184	1.130				
2014		5.812	1.998	1.710	1.321	1.176	1.157					
2015		854.143	2.943	1.856	1.249	1.294						
2016		1.388	1.152	1.399	1.236							
2017		3.722	1.858	1.596								
2018		9.253	1.963									
2019		80.718										
2020												
Simple Avg. - Incremental		97.6969	3.4602	1.5929	1.2863	1.2556	1.1685	1.1235	1.1055	1.0895	1.0962	1.0997
Wtd Avg. All - Incremental		5.4697	2.0897	1.5577	1.2808	1.2470	1.1792	1.1353	1.1127	1.0941	1.0957	1.1035
Wtd Latest Five - Incremental		6.6841	1.9792	1.6010	1.2633	1.2143	1.1672	1.1654	1.1133	1.1129	1.0972	1.0955
Wtd Latest Three - Incremental		10.7824	1.7771	1.6819	1.2820	1.2183	1.1699	1.1379	1.1004	1.0932	1.0931	1.1034
Wtd Avg. All - Cumulative		355.0172	64.9058	31.0605	19.9405	15.5693	12.4859	10.5881	9.3266	8.3817	7.6611	6.9922
Wtd Latest Five - Cumulative		417.5484	62.4688	31.5630	19.7145	15.6061	12.8518	11.0109	9.4480	8.4865	7.6256	6.9500
Selected Incremental - Prior 3/31/20	50.0000	10.0000	2.0000	1.7000	1.2850	1.2000	1.1850	1.1850	1.1150	1.1100	1.1000	1.1000
Selected - Incremental	50.0000	25.0000	1.9792	1.6010	1.2633	1.2143	1.1672	1.1654	1.1133	1.1129	1.0972	1.0955
Selected - Cumulative	84,799.0526	1,695.9811	67.8392	34.2765	21.4094	16.9477	13.9566	11.9575	10.2602	9.2161	8.2812	7.5474

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis
Period to Period Development Factors

Year of Birth -----	147:159 -----	159:171 -----	171:183 -----	183:195 -----	195:207 -----	207:219 -----	219:231 -----	231:243 -----	243:255 -----	255:267 -----	267:279 -----	279:291 -----
1989	1.031	1.054	1.039	1.043	1.044	1.037	1.031	1.018	1.022	1.021	1.034	1.030
1990	1.062	1.101	1.101	1.100	1.083	1.034	1.027	1.024	1.030	1.025	1.029	1.046
1991	1.069	1.062	1.069	1.064	1.125	1.189	1.139	1.123	1.086	1.181	1.077	1.082
1992	1.074	1.065	1.058	1.063	1.066	1.067	1.087	1.072	1.057	1.086	1.081	1.069
1993	1.103	1.089	1.062	1.058	1.050	1.056	1.048	1.052	1.061	1.053	1.045	1.043
1994	1.014	1.016	1.031	1.025	1.028	1.023	1.022	1.034	1.038	1.034	1.033	1.036
1995	1.114	1.115	1.027	1.283	1.053	1.055	1.089	1.085	1.074	1.082	1.060	1.051
1996	1.063	1.066	1.073	1.069	1.045	1.051	1.048	1.047	1.049	1.049	1.048	1.044
1997	1.125	1.097	1.090	1.128	1.069	1.057	1.059	1.054	1.046	1.049	1.052	1.057
1998	1.107	1.097	1.085	1.105	1.087	1.079	1.077	1.068	1.067	1.059	1.061	
1999	1.089	1.060	1.068	1.064	1.045	1.042	1.032	1.030	1.022	1.031		
2000	1.057	1.072	1.065	1.052	1.057	1.053	1.057	1.051	1.045			
2001	1.083	1.073	1.080	1.061	1.056	1.061	1.051	1.053				
2002	1.094	1.091	1.079	1.068	1.065	1.062	1.071					
2003	1.127	1.096	1.084	1.063	1.059	1.068						
2004	1.063	1.062	1.071	1.069	1.060							
2005	1.072	1.069	1.079	1.089								
2006	1.074	1.084	1.072									
2007	1.095	1.074										
2008	1.113											
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
Simple Avg. - Incremental	1.0815	1.0759	1.0687	1.0826	1.0620	1.0622	1.0598	1.0546	1.0498	1.0610	1.0520	1.0510
Wtd Avg. All - Incremental	1.0833	1.0765	1.0693	1.0788	1.0599	1.0585	1.0581	1.0526	1.0500	1.0556	1.0528	1.0495
Wtd Latest Five - Incremental	1.0850	1.0763	1.0771	1.0710	1.0607	1.0567	1.0607	1.0528	1.0482	1.0530	1.0537	1.0467
Wtd Latest Three - Incremental	1.0924	1.0760	1.0745	1.0769	1.0628	1.0630	1.0629	1.0422	1.0488	1.0483	1.0556	1.0513
Wtd Avg. All - Cumulative	6.3363	5.8492	5.4333	5.0814	4.7102	4.4439	4.1981	3.9676	3.7694	3.5899	3.4007	3.2303
Wtd Latest Five - Cumulative	6.3441	5.8471	5.4328	5.0442	4.7099	4.4405	4.2021	3.9617	3.7631	3.5900	3.4092	3.2356
Selected Incremental - Prior 3/31/20	1.0850	1.0800	1.0800	1.0700	1.0610	1.0610	1.0550	1.0550	1.0550	1.0550	1.0500	1.0500
Selected - Incremental	1.0850	1.0763	1.0771	1.0710	1.0607	1.0567	1.0607	1.0528	1.0482	1.0530	1.0537	1.0467
Selected - Cumulative	6.8895	6.3498	5.8999	5.4778	5.1148	4.8222	4.5633	4.3023	4.0866	3.8986	3.7022	3.5137

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis
Period to Period Development Factors

Year of Birth -----	291:303 -----	303:315 -----	315:327 -----	327:339 -----	339:351 -----	351:363 -----	363:375 -----	375:387 -----	387:Ult. -----
1989	1.040	1.036	1.040	1.033	1.019	1.021	1.021	1.023	
1990	1.056	1.034	1.031	1.031	1.040	1.029	1.033		
1991	1.068	1.063	1.070	1.062	1.054	1.056			
1992	1.064	1.066	1.061	1.054	1.055				
1993	1.039	1.045	1.042	1.046					
1994	1.030	1.029	1.028						
1995	1.061	1.055							
1996	1.054								
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
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Simple Avg. - Incremental	1.0515	1.0470	1.0452	1.0452	1.0418	1.0352	1.0273	1.0231	
Wtd Avg. All - Incremental	1.0496	1.0476	1.0457	1.0455	1.0405	1.0330	1.0247	1.0231	
Wtd Latest Five - Incremental	1.0491	1.0513	1.0471	1.0455	1.0405	1.0330	1.0247	1.0231	
Wtd Latest Three - Incremental	1.0499	1.0444	1.0451	1.0514	1.0515	1.0330	1.0247	1.0231	
Wtd Avg. All - Cumulative	3.0779	2.9323	2.7991	2.6767	2.5602	2.4606	2.3820	2.3246	2.2721
Wtd Latest Five - Cumulative	3.0912	2.9465	2.8027	2.6767	2.5602	2.4606	2.3820	2.3246	2.2721
Selected Incremental - Prior 3/31/20	1.0550	1.0500	1.0500	1.0500	1.0500	1.0400	1.0400	2.3766	
Selected - Incremental	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	2.2721
Selected - Cumulative	3.3570	3.1971	3.0449	2.8999	2.7618	2.6303	2.5050	2.3857	2.2721

Incremental Paid Loss & ALAE - Adjusted to Birth Year Cost Level (a)

Year of Birth	3	15	27	39	51	63	75	87	99	111	123	135
1989				1,369,815	780,303	961,023	425,846	330,877	391,626	539,663	301,815	320,015
1990			370,151	552,409	54,069	288,980	180,390	139,286	77,260	101,505	64,105	63,490
1991		2,093	215,131	37,158	386,347	295,652	125,160	85,017	43,904	33,846	98,229	88,299
1992	-	11,589	236,180	648,042	922,165	424,423	316,115	250,266	231,667	173,746	206,548	235,163
1993	-	1,750	219,677	713,838	627,431	844,804	707,686	765,467	725,334	741,615	766,788	669,491
1994	-	197,193	547,038	480,973	478,255	254,821	727,727	278,317	309,088	177,757	52,512	211,821
1995	-	2,544	128,915	614,841	406,044	74,407	97,480	139,080	86,140	185,568	207,075	640,346
1996	-	4,350	634,055	221,187	531,849	274,719	655,566	425,612	257,201	293,896	306,853	252,514
1997	-	12,552	568,993	376,438	284,211	408,922	655,490	380,542	293,193	304,638	209,520	363,617
1998	-	33,829	729,485	777,660	756,850	485,213	408,897	1,245,014	554,266	674,539	508,568	699,203
1999	-	521,547	461,379	307,646	561,349	585,858	445,496	365,575	601,332	852,221	576,238	500,457
2000	-	326,833	497,532	523,552	461,356	272,163	191,986	130,040	160,934	143,949	127,546	248,271
2001	-	117,765	378,369	632,002	433,239	390,110	816,640	436,489	264,982	201,530	247,689	260,652
2002	-	121,823	550,471	701,194	672,686	804,920	597,542	1,239,707	800,292	808,097	707,648	858,158
2003	-	215,016	267,824	101,924	108,848	301,701	505,826	152,199	145,824	231,284	227,900	207,968
2004	-	3,768	355,045	604,803	450,990	268,022	403,533	334,035	315,347	161,022	270,722	274,832
2005	-	24	23,200	747,237	749,817	498,829	1,008,214	622,304	508,288	406,181	380,765	369,221
2006	-	1,891	280,992	350,319	836,526	638,189	1,535,001	692,671	589,660	505,859	508,942	587,854
2007	-	113,472	441,404	758,312	928,175	727,222	893,263	779,706	735,393	771,061	743,309	717,548
2008	-	5,181	342,834	549,379	579,666	323,333	326,955	495,841	544,360	597,852	647,390	486,432
2009	-	325,467	389,399	989,984	883,229	502,730	520,531	732,333	1,257,484	526,517	591,706	644,040
2010	-	119,093	926,517	178,873	622,176	227,968	156,735	239,983	176,179	168,848	173,326	184,468
2011	-	17,682	198,998	989,173	501,724	776,917	671,966	630,375	593,163	471,432	520,926	
2012	58	22,277	239,568	739,737	696,554	403,325	266,757	415,164	348,996	379,802		
2013	-	133,032	778,875	1,027,113	689,171	605,906	624,724	710,045	594,183			
2014	-	165,996	798,746	963,110	1,369,574	1,059,163	764,777	802,557				
2015	-	606	517,322	1,006,218	1,304,127	705,585	1,038,749					
2016	-	363,419	141,081	76,739	231,849	191,680						
2017	-	169,842	462,229	542,302	700,429							
2018	-	153,879	1,269,967	1,370,533								
2019	-	20,513	1,635,226									
2020	-	8,495										
2021	-											

Notes: (a) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit IX, Sheets 3a, 3b and 3c are adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 7a, 7b and 7c.

Incremental Paid Loss & ALAE - Adjusted to Birth Year Cost Level (a)

Year of Birth	147	159	171	183	195	207	219	231	243	255	267	279
1989	1,156,208	205,105	366,711	277,745	317,614	343,131	298,316	257,237	156,785	197,844	190,201	308,638
1990	90,257	123,783	213,254	235,255	256,430	234,363	102,802	84,535	77,126	100,637	83,929	102,323
1991	122,085	105,570	100,968	120,884	119,061	247,006	421,306	368,396	371,881	290,241	666,297	336,470
1992	321,681	293,056	279,019	265,041	305,290	340,434	364,844	506,264	454,478	387,726	619,768	630,311
1993	598,008	760,866	725,703	549,788	542,571	496,496	583,046	531,126	602,244	738,094	688,457	609,719
1994	462,610	58,640	66,065	134,802	112,452	129,307	105,327	104,286	165,967	192,381	180,187	179,077
1995	238,572	322,939	361,581	94,916	1,018,493	243,391	267,371	457,312	474,805	450,696	535,067	425,019
1996	302,610	263,245	293,651	344,861	347,305	241,070	289,560	287,984	291,110	317,479	335,462	344,169
1997	483,164	543,125	472,431	481,637	748,245	454,449	399,660	436,753	428,646	379,230	422,047	474,988
1998	717,583	813,355	811,760	785,003	1,046,395	958,325	952,767	991,394	949,639	1,003,766	938,815	1,023,359
1999	619,776	568,463	416,786	504,669	501,118	377,244	366,643	292,194	283,976	216,612	307,213	
2000	194,051	186,765	249,748	242,833	206,823	236,425	232,839	264,050	247,460	233,072		
2001	290,787	370,263	352,382	415,658	343,514	332,687	386,246	337,295	368,007			
2002	994,878	836,417	885,545	839,098	774,277	792,649	809,102	978,151				
2003	326,400	354,815	301,595	291,007	236,297	235,969	284,732					
2004	258,098	233,958	243,851	298,195	309,441	287,490						
2005	365,291	408,695	419,113	515,168	626,177							
2006	608,366	524,741	640,721	600,385								
2007	692,790	790,426	676,763									
2008	487,793	609,242										
2009	874,460											
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Notes: (a) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit IX, Sheets 3a, 3b and 3c are adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 7a, 7b and 7c.

Incremental Paid Loss & ALAE - Adjusted to Birth Year Cost Level (a)

Year of Birth	291	303	315	327	339	351	363	375	387
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1989	287,792	392,575	370,565	425,301	363,157	212,543	242,870	251,089	277,929
1990	166,476	211,011	136,448	127,259	129,534	174,022	132,505	156,010	
1991	384,254	344,511	342,829	401,433	384,155	351,163	382,444		
1992	583,881	579,744	634,039	619,081	585,822	625,200			
1993	614,212	573,297	687,104	671,248	764,708				
1994	199,200	172,969	171,908	173,042					
1995	383,535	478,679	459,338						
1996	334,042	421,426							
1997	541,812								
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Notes: (a) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit IX, Sheets 3a, 3b and 3c are adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 7a, 7b and 7c.

Case Outstanding Loss & ALAE - Adjusted to Birth Year Cost Level (a)

Year of Birth	3	15	27	39	51	63	75	87	99	111	123	135
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1989				21,779,721	24,776,021	20,613,512	18,385,663	11,339,214	12,503,585	13,541,598	13,717,267	11,377,611
1990			12,080,580	21,055,315	17,476,627	24,548,048	14,643,675	14,562,194	11,299,923	10,783,190	10,906,232	11,362,250
1991		6,267,606	7,826,512	6,940,986	10,524,894	6,519,162	6,909,587	6,669,947	6,486,097	6,980,743	7,039,775	11,097,026
1992	-	10,253,033	11,196,982	38,305,506	15,423,817	15,775,363	13,110,639	13,468,988	13,936,468	13,142,024	17,022,097	18,255,464
1993	-	6,031,371	16,705,642	20,573,021	22,909,032	22,837,237	30,283,329	31,640,591	39,553,357	50,743,968	46,764,734	41,599,022
1994	-	6,485,397	3,670,224	5,706,796	6,347,308	7,967,517	15,069,679	15,119,688	13,046,186	6,663,270	6,244,238	6,556,159
1995	-	1,146,407	2,151,933	9,133,675	12,448,103	11,057,120	14,552,782	18,107,100	18,071,536	18,478,102	18,874,012	21,169,716
1996	-	1,207,548	3,567,538	6,991,098	7,181,777	15,198,167	23,751,572	21,439,025	21,709,555	26,931,164	24,761,552	27,478,670
1997	-	1,148,995	11,945,211	12,151,583	13,236,110	21,989,958	25,803,642	26,788,311	20,411,090	23,159,371	22,845,829	22,798,818
1998	-	10,399,457	10,394,844	18,003,892	26,362,950	31,652,064	35,115,737	33,410,951	35,650,627	39,805,216	39,807,831	41,530,503
1999	-	5,922,530	7,196,433	11,386,788	22,682,445	25,145,380	22,452,130	22,202,242	19,905,221	19,731,987	21,242,049	16,848,869
2000	-	8,996,218	20,434,809	20,065,381	23,519,926	13,394,769	12,627,524	13,679,447	13,164,518	12,881,425	16,435,910	15,083,582
2001	-	149,259	6,996,778	10,902,217	8,779,988	12,828,023	14,067,310	16,630,021	15,436,606	15,176,143	16,763,251	15,009,671
2002	-	5,698,921	13,247,681	25,241,541	24,598,962	29,422,446	33,366,628	38,129,558	52,394,608	49,761,590	57,163,292	54,953,276
2003	-	4,986	15,328	6,367,616	11,173,149	8,758,927	7,278,308	8,131,170	10,219,342	10,906,008	10,340,697	9,508,836
2004	-	156,614	6,171,433	11,476,366	19,054,005	23,261,165	21,735,765	17,121,341	17,278,276	15,741,685	16,223,432	16,052,394
2005	-	54,504	7,179,324	21,816,825	27,697,322	34,595,259	43,058,382	40,738,996	36,754,296	25,581,510	21,614,065	20,916,134
2006	-	2,993,692	6,486,419	18,281,553	28,609,237	34,300,033	39,770,264	36,009,282	35,109,014	36,454,986	36,709,351	36,123,266
2007	-	147,005	6,174,488	18,410,014	27,950,323	37,024,184	34,978,048	31,068,889	30,863,936	29,409,150	26,329,171	24,335,701
2008	-	4,571,231	20,779,117	29,742,936	41,360,152	39,501,366	43,157,413	43,420,047	44,701,881	40,300,985	39,471,811	37,679,908
2009	-	2,172,842	13,487,359	35,772,845	39,693,342	42,361,898	37,125,414	39,135,529	41,585,312	45,282,090	45,099,586	46,445,911
2010	-	3,052,382	13,719,051	22,418,777	27,901,629	22,560,215	22,633,916	21,021,680	22,282,935	22,704,492	24,493,683	24,608,839
2011	2,640,000	10,602,303	16,314,653	29,481,055	34,257,691	37,255,619	38,204,830	38,202,193	37,899,760	38,500,155	40,199,594	
2012	3,639,942	10,987,450	18,342,553	32,863,963	26,645,481	19,978,551	23,151,529	26,956,709	27,303,722	27,720,311		
2013	25,000	10,785,549	19,118,995	18,923,627	22,913,272	26,533,468	24,648,083	24,105,967	24,396,105			
2014	-	14,246,532	21,069,875	36,414,307	34,920,329	34,008,191	27,087,736	28,691,010				
2015	-	2,165,677	12,542,272	25,827,348	38,143,653	45,770,375	57,051,037					
2016	2,640,000	113,987	2,651,613	6,362,466	11,760,160	16,791,560						
2017	-	5,613,758	18,087,811	29,277,691	33,129,017							
2018	-	13,653,054	33,819,098	46,936,774								
2019	30,000	13,281,878	30,057,419									
2020	-	2,971,352										
2021	-											

Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit IX, Sheets 4a, 4b and 4c is adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 8a, 8b and 8c.

Case Outstanding Loss & ALAE - Adjusted to Birth Year Cost Level (a)

Year of Birth -----	147 -----	159 -----	171 -----	183 -----	195 -----	207 -----	219 -----	231 -----	243 -----	255 -----	267 -----	279 -----
1989	8,621,730	14,665,259	9,991,598	10,363,764	11,012,086	12,474,522	15,960,039	15,141,477	14,022,261	12,149,426	12,437,598	11,628,195
1990	13,834,869	16,652,683	15,710,834	16,465,775	16,020,753	13,110,104	9,442,168	8,936,475	7,739,134	5,281,106	5,241,575	5,449,740
1991	11,525,154	10,786,492	12,875,096	12,997,209	14,681,021	16,303,446	16,921,345	15,167,751	14,939,485	15,313,627	16,709,290	14,908,048
1992	19,364,768	19,759,115	24,656,098	32,167,230	31,649,514	31,645,099	31,969,040	31,586,957	31,752,092	33,678,160	30,641,219	28,381,438
1993	43,368,517	44,921,499	40,588,058	36,967,811	30,144,282	28,003,078	28,112,823	24,038,599	25,142,885	20,876,277	20,274,735	20,047,497
1994	7,036,956	7,767,871	7,107,981	9,632,114	8,913,720	9,164,538	10,759,122	11,123,929	10,766,009	10,575,187	10,675,424	9,678,710
1995	20,729,890	18,800,056	21,271,519	22,033,504	19,774,830	18,069,911	16,443,611	17,352,039	16,984,975	16,329,491	16,019,889	16,249,501
1996	26,384,403	24,666,429	22,819,566	22,474,911	14,839,202	16,637,224	15,635,980	15,371,427	15,260,841	16,127,955	15,172,444	14,642,327
1997	22,213,269	27,622,846	31,396,338	28,988,073	26,707,921	24,549,238	22,875,192	22,503,735	20,833,989	20,230,120	20,282,558	22,331,011
1998	38,712,195	43,763,726	41,502,050	42,678,641	43,224,555	42,911,930	43,081,758	39,551,948	34,955,601	35,684,189	36,270,308	36,837,909
1999	19,724,525	16,267,278	15,620,624	15,516,415	12,220,318	12,175,182	10,753,009	10,667,148	10,792,079	9,905,574	9,891,685	
2000	11,341,183	13,216,354	10,915,457	10,877,745	10,571,645	10,443,385	11,311,148	10,920,231	9,650,767	7,996,909		
2001	16,973,873	15,906,782	16,200,838	16,004,088	16,174,464	16,010,433	16,068,176	15,047,102	15,715,674			
2002	48,063,377	46,301,860	45,967,259	41,772,065	39,885,073	38,526,881	38,729,321	40,165,320				
2003	9,543,343	8,913,830	8,600,254	10,152,019	8,653,763	8,458,884	8,524,051					
2004	15,686,729	16,355,948	17,264,802	17,575,348	18,120,025	17,228,167						
2005	20,629,900	19,694,650	19,784,507	20,225,413	20,469,278							
2006	31,593,651	31,689,548	31,216,535	32,455,112								
2007	24,130,997	23,256,480	23,558,481									
2008	36,762,354	38,211,385										
2009	46,802,857											
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Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit IX, Sheets 4a, 4b and 4c is adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 8a, 8b and 8c.

Case Outstanding Loss & ALAE - Adjusted to Birth Year Cost Level (a)

Year of Birth	291	303	315	327	339	351	363	375	387
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1989	11,512,651	10,193,942	9,139,716	9,050,472	8,179,886	7,808,409	8,266,270	8,044,085	7,768,334
1990	4,557,206	4,094,246	4,009,792	2,932,841	4,261,505	4,099,473	3,984,214	4,318,841	
1991	14,736,796	14,597,269	14,318,479	13,355,056	13,098,271	12,981,633	11,739,963		
1992	27,844,960	26,892,815	26,584,836	25,323,725	24,336,294	24,408,114			
1993	18,924,189	17,770,837	19,057,496	18,930,097	18,882,848				
1994	9,539,952	9,495,222	9,656,238	9,817,271					
1995	16,190,251	15,918,088	15,900,357						
1996	14,583,556	14,756,034							
1997	22,426,664								
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Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit IX, Sheets 4a, 4b and 4c is adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 8a, 8b and 8c.

Year of Birth	3	15	27	39	51	63	75	87	99	111	123	135
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1989				1,438,241	831,556	1,039,909	466,440	366,127	437,875	608,899	343,716	367,973
1990			381,965	578,580	57,502	311,090	196,179	153,060	85,675	113,611	72,446	72,464
1991		2,124	221,592	38,863	409,020	316,205	135,259	92,715	48,327	37,616	110,256	100,190
1992	-	11,763	243,408	676,047	971,861	451,968	339,702	271,450	253,711	192,170	230,937	265,981
1993	-	1,777	225,788	741,202	658,288	894,438	756,259	825,931	790,406	816,946	854,471	754,201
1994	-	199,606	559,398	496,978	498,678	268,183	773,307	298,688	335,323	195,081	58,260	238,327
1995	-	2,570	131,595	633,347	422,171	78,112	103,350	149,061	93,392	203,390	230,171	721,036
1996	-	4,395	646,523	227,642	552,673	288,313	695,495	456,772	279,047	323,367	342,019	284,465
1997	-	12,667	579,545	387,133	295,191	429,344	696,207	408,597	319,258	336,040	233,591	410,176
1998	-	34,145	743,429	800,401	787,464	510,694	435,073	1,343,441	605,873	745,237	568,501	859,370
1999	-	526,599	470,478	317,129	585,363	617,597	476,269	395,917	658,212	943,839	701,686	635,368
2000	-	330,081	507,948	540,711	481,683	288,171	205,925	140,975	176,525	173,605	160,376	314,785
2001	-	119,047	386,924	653,355	454,207	414,317	876,597	474,064	316,428	250,909	310,956	330,316
2002	-	123,236	562,940	727,213	706,732	854,711	641,992	1,464,453	985,649	1,003,581	887,121	1,083,620
2003	-	217,366	274,578	105,855	114,256	320,428	590,677	185,301	179,024	286,618	284,477	261,060
2004	-	3,821	364,753	627,990	473,806	309,599	485,988	405,652	386,569	198,823	336,161	343,017
2005	-	24	23,754	774,098	854,059	592,383	1,207,309	752,220	618,865	497,334	468,607	456,399
2006	-	1,911	287,351	393,892	980,642	754,390	1,831,606	832,519	712,706	614,557	621,024	722,549
2007	-	114,811	491,050	879,540	1,085,556	858,552	1,062,241	932,429	883,952	930,903	903,950	877,246
2008	-	5,697	393,004	635,038	676,367	380,013	386,437	589,056	649,542	718,577	782,242	590,693
2009	-	339,332	409,381	1,050,602	944,120	540,419	562,426	794,757	1,374,635	578,619	653,507	714,944
2010	-	120,088	943,073	183,392	641,491	236,252	163,145	251,622	185,703	178,864	184,547	197,109
2011	-	17,848	202,334	1,011,428	515,646	801,988	698,714	658,941	623,140	497,789	552,008	
2012	58	22,439	242,669	753,160	712,313	415,461	276,240	432,070	365,064	398,704		
2013	-	133,782	787,288	1,042,774	704,787	622,920	645,474	737,380	619,254			
2014	-	166,848	806,379	979,412	1,400,137	1,088,207	789,766	831,732				
2015	-	609	523,391	1,023,419	1,333,045		1,071,011					
2016	-	366										

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Year of Birth	3	15	27	39	51	63	75	87	99	111	123	135
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1989				22,232,404	25,406,833	21,224,924	19,003,049	11,761,110	13,012,345	14,127,207	14,350,510	11,946,040
1990			12,232,782	21,418,253	17,850,693	25,168,903	15,066,722	15,033,190	11,694,057	11,190,522	11,359,284	11,880,053
1991		6,300,000	7,903,000	7,037,527	10,711,900	6,658,278	7,080,727	6,851,940	6,681,715	7,217,376	7,306,582	11,554,592
1992	-	10,300,000	11,294,344	38,785,651	15,671,953	16,082,970	13,399,115	13,803,862	14,334,796	13,569,968	17,632,837	18,977,354
1993	-	6,056,075	16,837,910	20,808,677	23,249,240	23,233,303	30,894,728	32,396,531	40,655,103	52,324,934	48,392,314	43,171,015
1994	-	6,510,081	3,697,122	5,767,920	6,431,049	8,095,219	15,366,776	15,477,449	13,397,774	6,867,049	6,453,769	7,111,004
1995	-	1,150,430	2,166,735	9,219,087	12,599,663	11,232,358	14,840,643	18,524,570	18,553,590	19,025,736	20,393,691	23,072,296
1996	-	1,211,602	3,588,307	7,051,472	7,270,084	15,444,595	24,214,206	21,933,935	22,274,792	28,997,821	26,892,568	31,293,078
1997	-	1,151,817	12,008,052	12,259,838	13,405,717	22,343,265	26,310,972	27,393,810	21,903,867	25,068,338	25,930,080	26,006,718
1998	-	10,428,552	10,461,754	18,189,917	26,720,887	32,195,306	35,821,480	35,766,633	38,494,668	45,068,339	45,297,722	49,409,037
1999	-	5,944,022	7,250,505	11,509,189	23,007,372	25,579,178	23,968,089	23,906,548	22,474,250	22,390,578	25,201,259	20,056,137
2000	-	9,031,040	20,579,790	20,279,228	23,839,172	14,247,476	13,547,685	15,389,113	14,884,227	15,227,079	19,493,829	17,947,440
2001	-	149,738	7,044,080	11,007,590	9,302,910	13,709,727	15,764,431	18,729,937	18,177,188	17,930,277	19,869,112	17,865,889
2002	-	5,719,082	13,332,903	26,659,269	26,205,553	32,866,501	37,459,614	44,755,263	61,704,898	58,792,497	67,823,176	71,610,223
2003	-	5,000	16,132	6,759,581	12,437,029	9,798,695	8,512,931	9,542,286	12,031,422	12,894,159	13,427,575	12,420,176
2004	-	164,353	6,532,474	12,737,794	21,254,573	27,128,697	25,434,494	20,099,283	20,369,315	20,382,047	21,129,630	20,945,638
2005	-	54,976	7,593,218	23,190,503	30,781,356	38,576,007	48,167,377	45,765,567	45,347,900	31,748,838	26,874,646	26,051,446
2006	-	3,139,101	6,835,644	20,142,756	31,627,348	38,040,451	44,293,787	44,047,307	43,199,240	44,938,549	45,329,710	45,501,036
2007	-	147,743	6,487,966	19,409,416	29,562,406	39,325,267	40,803,959	36,457,346	36,284,010	34,633,035	31,628,115	29,298,569
2008	-	4,779,303	21,797,624	31,301,166	43,711,130	45,850,342	50,389,315	50,789,971	52,379,047	48,169,873	47,283,903	45,236,415
2009	-	2,180,113	13,576,013	36,160,301	44,067,333	47,307,184	41,536,282	43,860,305	47,541,015	51,882,557	51,786,856	53,873,925
2010	-	3,062,200	13,821,396	24,806,204	31,054,929	25,156,421	25,281,884	23,952,188	25,445,828	25,984,123	28,316,171	28,50

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Year of Birth	3	15	27	39	51	63	75	87	99	111	123	135
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1989				23,670,645	27,676,630	24,534,630	22,779,195	15,903,383	17,592,493	19,316,254	19,883,273	17,846,776
1990			12,614,747	22,378,798	18,868,740	26,498,040	16,592,038	16,711,566	13,458,108	13,068,184	13,309,392	13,902,625
1991		6,302,124	8,126,716	7,300,106	11,383,499	7,646,082	8,203,790	8,067,718	7,945,820	8,519,097	8,718,559	13,066,759
1992	0	10,311,763	11,549,515	39,716,869	17,575,032	18,438,017	16,093,864	16,770,061	17,554,706	16,982,048	21,275,854	22,886,352
1993	0	6,057,852	17,065,475	21,777,444	24,876,295	25,754,796	34,172,480	36,500,214	45,549,192	58,035,969	54,957,820	50,490,722
1994	0	6,709,687	4,456,126	7,023,902	8,185,709	10,118,062	18,162,926	18,572,287	16,827,935	10,492,291	10,137,271	11,032,833
1995	0	1,153,000	2,300,900	9,986,599	13,789,346	12,500,153	16,211,788	20,044,776	20,167,188	20,842,724	22,440,850	25,840,491
1996	0	1,215,997	4,239,225	7,930,032	8,701,317	17,164,141	26,629,247	24,805,748	25,425,652	32,472,048	30,708,814	35,393,789
1997	0	1,164,484	12,600,264	13,239,183	14,680,253	24,047,145	28,711,059	30,202,494	25,031,809	28,532,320	29,627,653	30,114,467
1998	0	10,462,697	11,239,328	19,767,892	29,086,326	35,071,439	39,132,686	40,421,280	43,755,188	51,074,096	51,871,980	56,842,665
1999	0	6,470,621	8,247,582	12,823,395	24,906,941	28,096,344	26,961,524	27,295,900	26,521,814	27,381,981	30,894,348	26,384,594
2000	0	9,361,121	21,417,819	21,657,968	25,699,595	16,396,070	15,902,204	17,884,607	17,556,246	18,072,703	22,499,830	21,268,225
2001	0	268,785	7,550,051	12,166,916	10,916,443	15,737,577	18,668,878	22,108,448	21,872,127	21,876,125	24,125,916	22,453,008
2002	0	5,842,318	14,019,079	28,072,658	28,325,674	35,841,333	41,076,438	49,836,540	67,771,825	65,863,004	75,780,805	80,651,472
2003	0	222,366	508,076	7,357,380	13,149,084	10,831,178	10,136,091	11,350,748	14,018,907	15,168,263	15,986,156	15,239,817
2004	0	168,174	6,901,048	13,734,358	22,724,943	28,908,666	27,700,451	22,770,892	23,427,494	23,639,048	24,722,792	24,881,817
2005	0	55,000	7,616,996	23,988,379	32,433,291	40,820,325	51,619,003	49,969,413	50,170,611	37,068,883	32,663,299	32,296,497
2006	0	3,141,012	7,124,906	20,825,910	33,291,144	40,458,637	48,543,579	49,129,618	48,994,258	51,348,124	52,360,308	53,254,184
2007	0	262,554	7,093,827	20,894,817	32,133,364	42,754,777	45,295,710	41,881,526	42,592,143	41,872,071	39,771,100	38,318,801
2008	0	4,785,000	22,196,324	32,334,905	45,421,237	47,940,461	52,865,872	53,855,584	56,094,202	52,603,605	52,499,877	51,043,082
2009	0	2,519,445	14,324,726	37,959,615	46,810,768	50,591,038	45,382,562	48,501,342	53,556,687	58,476,848	59,034,654	61,836,666
2010	0	3,182,288	14,884,557	26,052,758	32,942,974	27,280,718	27,569,325	26,491,251	28,170,594	28,88		

Year of Birth	147	159	171	183	195	207	219	231	243	255	267	279
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1989	16,330,942	22,991,392	18,522,281	19,282,375	20,938,130	23,115,207	28,286,653	27,734,069	27,380,541	25,392,567	26,078,544	25,583,011
1990	16,638,518	19,800,475	19,108,379	21,045,823	21,017,319	18,763,541	14,648,784	14,647,505	13,314,815	10,443,544	10,543,426	11,618,270
1991	13,695,124	13,078,301	16,052,557	16,454,709	19,256,886	21,540,332	23,727,688	22,161,349	22,464,393	23,417,200	28,125,214	26,285,256
1992	24,465,415	26,234,305	32,153,226	42,480,865	42,432,508	44,552,133	45,578,473	45,939,267	46,942,773	53,926,220	50,950,521	48,853,110
1993	55,234,345	58,229,829	56,484,027	53,178,617	47,573,833	45,769,261	46,809,981	42,703,727	47,916,250	43,380,997	43,586,735	44,186,623
1994	12,147,684	13,427,647	12,788,614	16,376,978	15,697,230	16,210,446	18,343,661	20,263,369	20,097,961	20,133,882	20,544,355	19,711,107
1995	26,730,026	25,004,387	29,412,833	30,541,666	29,252,587	27,611,220	27,961,036	29,930,867	30,130,385	29,906,614	30,663,095	31,619,355
1996	34,643,491	34,292,154	32,557,199	32,684,558	24,024,889	28,500,898	27,683,295	27,757,820	28,040,732	30,072,562	29,273,670	29,067,286
1997	31,199,151	38,463,312	43,715,591	41,605,698	43,013,876	40,953,186	39,315,690	39,459,412	38,367,545	38,122,555	38,833,167	42,602,714
1998	54,563,346	61,812,278	60,372,902	67,864,382	70,304,482	71,267,510	72,862,733	70,546,496	65,683,636	68,146,096	70,730,429	73,018,162
1999	30,676,593	27,364,783	28,973,217	29,617,041	25,939,447	26,405,778	25,289,773	25,596,565	26,180,497	25,402,533	25,827,821	
2000	17,120,713	21,154,481	18,543,108	18,836,387	18,726,227	19,145,620	20,660,956	20,515,666	19,256,735	17,324,468		
2001	27,148,181	26,351,057	27,231,916	27,547,534	28,649,109	28,912,900	29,547,794	28,820,710	30,267,050			
2002	73,305,718	72,176,860	72,976,225	69,643,713	68,235,998	67,557,276	69,420,754	72,774,155				
2003	15,719,835	15,365,714	15,565,872	18,044,492	16,366,857	16,526,277	17,008,588					
2004	24,763,335	26,362,444	27,935,046	28,781,989	30,154,419	29,365,215						
2005	32,910,406	32,289,484	32,986,431	34,462,348	35,624,866							
2006	48,389,040	49,249,531	49,851,523	52,270,728								
2007	38,987,317	39,192,985	40,458,123									
2008	50,984,683	53,582,321										
2009	63,335,131											
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												

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Incurred Loss & ALAE - Actual - Without Retroactive Payments
Period to Period Development Factors

Year of Birth	3:15	15:27	27:39	39:51	51:63	63:75	75:87	87:99	99:111	111:123	123:135	135:147
1989				1.169	0.886	0.928	0.698	1.106	1.098	1.029	0.898	0.915
1990			1.774	0.843	1.404	0.626	1.007	0.805	0.971	1.018	1.045	1.197
1991		1.290	0.898	1.559	0.672	1.073	0.983	0.985	1.072	1.023	1.499	1.048
1992		1.120	3.439	0.443	1.049	0.873	1.042	1.047	0.967	1.253	1.076	1.069
1993		2.817	1.276	1.142	1.035	1.327	1.068	1.248	1.274	0.947	0.919	1.094
1994		0.664	1.576	1.165	1.236	1.795	1.023	0.906	0.624	0.966	1.088	1.101
1995		1.996	4.340	1.381	0.907	1.297	1.236	1.006	1.033	1.077	1.151	1.034
1996		3.486	1.871	1.097	1.973	1.551	0.932	1.025	1.277	0.946	1.153	0.979
1997		10.820	1.051	1.109	1.638	1.194	1.052	0.829	1.140	1.038	1.016	1.036
1998		1.074	1.759	1.471	1.206	1.116	1.033	1.082	1.167	1.016	1.096	0.960
1999		1.275	1.555	1.942	1.128	0.960	1.012	0.972	1.032	1.128	0.854	1.163
2000		2.288	1.011	1.187	0.638	0.970	1.125	0.982	1.029	1.245	0.945	0.805
2001		28.090	1.612	0.897	1.442	1.186	1.184	0.989	1.000	1.103	0.931	1.209
2002		2.400	2.002	1.009	1.265	1.146	1.213	1.360	0.972	1.151	1.064	0.909
2003		2.285	14.481	1.787	0.824	0.936	1.120	1.235	1.082	1.054	0.953	1.031
2004		41.035	1.990	1.655	1.272	0.958	0.822	1.029	1.009	1.046	1.006	0.995
2005		138.491	3.149	1.352	1.259	1.265	0.968	1.004	0.739	0.881	0.989	1.019
2006		2.268	2.923	1.599	1.215	1.200	1.012	0.997	1.048	1.020	1.017	0.909
2007		27.019	2.945	1.538	1.331	1.059	0.925	1.017	0.983	0.950	0.963	1.017
2008		4.639	1.457	1.405	1.055	1.103	1.019	1.042	0.938	0.998	0.972	0.999
2009		5.686	2.650	1.233	1.081	0.897	1.069	1.104	1.092	1.010	1.047	1.024
2010		4.677	1.750	1.264	0.828	1.011	0.961	1.063	1.025	1.087	1.012	
2011	4.040	1.708	1.863	1.173	1.106	1.059	1.016	1.008	1.034	1.053		
2012	3.321	1.698	1.821	0.836	0.791	1.159	1.168	1.032	1.027			
2013	439.316	1.838	1.044	1.247	1.168	0.959	1.015	1.033				
2014		1.532	1.774	0.999	1.006	0.847	1.077					
2015		6.147	2.099	1.501	1.215	1.252						
2016	0.183	6.675	2.207	1.829	1.419							
2017		3.244	1.643	1.152								
2018		2.578	1.414									
2019	447.908	2.388										
2020												
Simple Avg. - Incremental		10.732	2.392	1.275	1.145	1.102	1.030	1.036	1.026	1.045	1.032	1.024
Wtd Avg. All - Incremental		2.370	1.779	1.195	1.113	1.081	1.025	1.049	1.026	1.034	1.017	1.006
Wtd Latest Five - Incremental		2.887	1.671	1.236	1.083	1.064	1.045	1.049	1.021	1.015	1.005	0.991
Wtd Latest Three - Incremental		2.618	1.533	1.373	1.156	1.046	1.085	1.022	1.030	1.042	1.012	1.014
Wtd Avg. All - Cumulative		9.771	4.123	2.317	1.939	1.743	1.612	1.573	1.499	1.461	1.412	1.389
Wtd Latest Five - Cumulative		10.638	3.685	2.205	1.785	1.648	1.549	1.482	1.413	1.383	1.363	1.356

Incurred Loss & ALAE - Actual - Without Retroactive Payments
Period to Period Development Factors

Year of Birth -----	147:159 -----	159:171 -----	171:183 -----	183:195 -----	195:207 -----	207:219 -----	219:231 -----	231:243 -----	243:255 -----	255:267 -----	267:279 -----	279:291 -----
1989	1.408	0.806	1.041	1.086	1.104	1.224	0.980	0.987	0.927	1.027	0.981	1.067
1990	1.190	0.965	1.101	0.999	0.893	0.781	1.000	0.909	0.784	1.010	1.102	0.919
1991	0.955	1.227	1.025	1.170	1.119	1.102	0.934	1.014	1.042	1.201	0.935	1.014
1992	1.072	1.226	1.321	0.999	1.050	1.023	1.008	1.022	1.149	0.945	0.959	1.004
1993	1.054	0.970	0.941	0.895	0.962	1.023	0.912	1.122	0.905	1.005	1.014	0.997
1994	1.105	0.952	1.281	0.958	1.033	1.132	1.105	0.992	1.002	1.020	0.959	1.006
1995	0.935	1.176	1.038	0.958	0.944	1.013	1.070	1.007	0.993	1.025	1.031	1.016
1996	0.990	0.949	1.004	0.735	1.186	0.971	1.003	1.010	1.072	0.973	0.993	1.020
1997	1.233	1.137	0.952	1.034	0.952	0.960	1.004	0.972	0.994	1.019	1.097	1.022
1998	1.133	0.977	1.124	1.036	1.014	1.022	0.968	0.931	1.037	1.038	1.032	
1999	0.892	1.059	1.022	0.876	1.018	0.958	1.012	1.023	0.970	1.017		
2000	1.236	0.877	1.016	0.994	1.022	1.079	0.993	0.939	0.900			
2001	0.971	1.033	1.012	1.040	1.009	1.022	0.975	1.050				
2002	0.985	1.011	0.954	0.980	0.990	1.028	1.048					
2003	0.977	1.013	1.159	0.907	1.010	1.029						
2004	1.065	1.060	1.030	1.048	0.974							
2005	0.981	1.022	1.045	1.034								
2006	1.018	1.012	1.049									
2007	1.005	1.032										
2008	1.051											
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
Simple Avg. - Incremental	1.063	1.027	1.062	0.985	1.017	1.024	1.001	0.998	0.981	1.025	1.010	1.007
Wtd Avg. All - Incremental	1.048	1.021	1.043	0.980	1.009	1.021	0.997	1.000	1.000	1.018	1.009	1.012
Wtd Latest Five - Incremental	1.024	1.027	1.020	1.003	0.996	1.021	1.002	0.972	1.009	1.019	1.031	1.012
Wtd Latest Three - Incremental	1.026	1.021	1.043	1.011	0.989	1.026	1.021	1.010	0.998	1.028	1.042	1.020
Wtd Avg. All - Cumulative	1.381	1.319	1.292	1.239	1.264	1.253	1.227	1.231	1.231	1.231	1.209	1.198
Wtd Latest Five - Cumulative	1.368	1.337	1.302	1.277	1.273	1.278	1.251	1.248	1.284	1.273	1.249	1.211

Incurred Loss & ALAE - Actual - Without Retroactive Payments
Period to Period Development Factors

Year of Birth -----	291:303 -----	303:315 -----	315:327 -----	327:339 -----	339:351 -----	351:363 -----	363:375 -----	375:387 -----	387:Ult. -----
1989	0.958	0.966	1.021	0.983	0.993	1.042	1.007	1.002	
1990	0.970	1.009	0.884	1.225	1.004	1.008	1.063		
1991	1.013	1.019	0.974	1.009	1.020	0.958			
1992	1.006	1.012	0.984	0.996	1.022				
1993	0.984	1.065	1.023	1.023					
1994	1.011	1.030	1.024						
1995	1.016	1.020							
1996	1.029								
1997									
1998									
1999									
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2017									
2018									
2019									
2020									
Simple Avg. - Incremental	0.998	1.017	0.985	1.047	1.010	1.003	1.035	1.002	
Wtd Avg. All - Incremental	1.000	1.021	0.997	1.018	1.013	1.000	1.024	1.002	
Wtd Latest Five - Incremental	1.007	1.030	0.993	1.018	1.013	1.000	1.024	1.002	
Wtd Latest Three - Incremental	1.020	1.043	1.007	1.010	1.019	1.000	1.024	1.002	
Wtd Avg. All - Cumulative	1.184	1.183	1.159	1.163	1.143	1.128	1.128	1.101	1.099
Wtd Latest Five - Cumulative	1.197	1.189	1.154	1.163	1.143	1.128	1.128	1.101	1.099

Paid Loss & ALAE - Actual - Without Retroactive Payments

Year of Birth	3	15	27	39	51	63	75	87	99	111	123	135
1989				1,438,241	2,269,797	3,309,706	3,776,146	4,142,273	4,580,148	5,189,047	5,532,763	5,900,736
1990			381,965	960,545	1,018,047	1,329,137	1,525,316	1,678,376	1,764,051	1,877,662	1,950,108	2,022,572
1991		2,124	223,716	262,579	671,599	987,804	1,123,063	1,215,778	1,264,105	1,301,721	1,411,977	1,512,167
1992	0	11,763	255,171	931,218	1,903,079	2,355,047	2,694,749	2,966,199	3,219,910	3,412,080	3,643,017	3,908,998
1993	0	1,777	227,565	968,767	1,627,055	2,521,493	3,277,752	4,103,683	4,894,089	5,711,035	6,565,506	7,319,707
1994	0	199,606	759,004	1,255,982	1,754,660	2,022,843	2,796,150	3,094,838	3,430,161	3,625,242	3,683,502	3,921,829
1995	0	2,570	134,165	767,512	1,189,683	1,267,795	1,371,145	1,520,206	1,613,598	1,816,988	2,047,159	2,768,195
1996	0	4,395	650,918	878,560	1,431,233	1,719,546	2,415,041	2,871,813	3,150,860	3,474,227	3,816,246	4,100,711
1997	0	12,667	592,212	979,345	1,274,536	1,703,880	2,400,087	2,808,684	3,127,942	3,463,982	3,697,573	4,107,749
1998	0	34,145	777,574	1,577,975	2,365,439	2,876,133	3,311,206	4,654,647	5,260,520	6,005,757	6,574,258	7,433,628
1999	0	526,599	997,077	1,314,206	1,899,569	2,517,166	2,993,435	3,389,352	4,047,564	4,991,403	5,693,089	6,328,457
2000	0	330,081	838,029	1,378,740	1,860,423	2,148,594	2,354,519	2,495,494	2,672,019	2,845,624	3,006,000	3,320,785
2001	0	119,047	505,971	1,159,326	1,613,533	2,027,850	2,904,447	3,378,511	3,694,939	3,945,848	4,256,804	4,587,119
2002	0	123,236	686,176	1,413,389	2,120,121	2,974,832	3,616,824	5,081,277	6,066,926	7,070,507	7,957,628	9,041,249
2003	0	217,366	491,944	597,799	712,055	1,032,483	1,623,160	1,808,461	1,987,485	2,274,103	2,558,581	2,819,641
2004	0	3,821	368,574	996,564	1,470,370	1,779,969	2,265,957	2,671,609	3,058,178	3,257,001	3,593,162	3,936,179
2005	0	24	23,778	797,876	1,651,935	2,244,318	3,451,627	4,203,846	4,822,711	5,320,045	5,788,652	6,245,051
2006	0	1,911	289,262	683,154	1,663,796	2,418,186	4,249,792	5,082,311	5,795,018	6,409,575	7,030,599	7,753,148
2007	0	114,811	605,861	1,485,401	2,570,958	3,429,510	4,491,751	5,424,181	6,308,133	7,239,036	8,142,986	9,020,232
2008	0	5,697	398,701	1,033,739	1,710,106	2,090,120	2,476,557	3,065,613	3,715,155	4,433,732	5,215,974	5,806,667
2009	0	339,332	748,713	1,799,315	2,743,435	3,283,854	3,846,280	4,641,037	6,015,672	6,594,291	7,247,798	7,962,742
2010	0	120,088	1,063,161	1,246,554	1,888,045	2,124,297	2,287,441	2,539,063	2,724,766	2,903,629	3,088,176	3,285,284
2011	0	17,848	220,183	1,231,610	1,747,256	2,549,245	3,247,958	3,906,899	4,530,039	5,027,829	5,579,837	
2012	58	22,496	265,165	1,018,325	1,730,638	2,146,099	2,422,340	2,854,410	3,219,474	3,618,178		
2013	0	133,782	921,070	1,963,844	2,668,631	3,291,551	3,937,024	4,674,404	5,293,659			
2014	0	166,848	973,227	1,952,639	3,352,776	4,440,983	5,230,749	6,062,481				
2015	0	609	524,000	1,547,419	2,880,464	3,605,383	4,676,394					
2016	0	366,072	508,937	587,034	824,193	1,020,960						
2017	0	170,743	637,742	1,188,443	1,902,251							
2018	0	154,648	1,437,484	2,826,833								
2019	0	20,617	1,670,056									
2020	0	8,525										
2021	0											

[illegible]

Paid Loss & ALAE - Actual - Without Retroactive Payments
Period to Period Development Factors

Year of Birth	3:15	15:27	27:39	39:51	51:63	63:75	75:87	87:99	99:111	111:123	123:135	135:147
1989				1.578	1.458	1.141	1.097	1.106	1.133	1.066	1.067	1.228
1990			2.515	1.060	1.306	1.148	1.100	1.051	1.064	1.039	1.037	1.051
1991		105.328	1.174	2.558	1.471	1.137	1.083	1.040	1.030	1.085	1.071	1.093
1992		21.693	3.649	2.044	1.237	1.144	1.101	1.086	1.060	1.068	1.073	1.094
1993		128.061	4.257	1.680	1.550	1.300	1.252	1.193	1.167	1.150	1.115	1.093
1994		3.803	1.655	1.397	1.153	1.382	1.107	1.108	1.057	1.016	1.065	1.134
1995		52.204	5.721	1.550	1.066	1.082	1.109	1.061	1.126	1.127	1.352	1.098
1996		148.104	1.350	1.629	1.201	1.404	1.189	1.097	1.103	1.098	1.075	1.084
1997		46.752	1.654	1.301	1.337	1.409	1.170	1.114	1.107	1.067	1.111	1.146
1998		22.773	2.029	1.499	1.216	1.151	1.406	1.130	1.142	1.095	1.131	1.124
1999		1.893	1.318	1.445	1.325	1.189	1.132	1.194	1.233	1.141	1.112	1.125
2000		2.539	1.645	1.349	1.155	1.096	1.060	1.071	1.065	1.056	1.105	1.075
2001		4.250	2.291	1.392	1.257	1.432	1.163	1.094	1.068	1.079	1.078	1.081
2002		5.568	2.060	1.500	1.403	1.216	1.405	1.194	1.165	1.125	1.136	1.140
2003		2.263	1.215	1.191	1.450	1.572	1.114	1.099	1.144	1.125	1.102	1.146
2004		96.460	2.704	1.475	1.211	1.273	1.179	1.145	1.065	1.103	1.095	1.082
2005		990.750	33.555	2.070	1.359	1.538	1.218	1.147	1.103	1.088	1.079	1.073
2006		151.367	2.362	2.435	1.453	1.757	1.196	1.140	1.106	1.097	1.103	1.097
2007		5.277	2.452	1.731	1.334	1.310	1.208	1.163	1.148	1.125	1.108	1.094
2008		69.984	2.593	1.654	1.222	1.185	1.238	1.212	1.193	1.176	1.113	1.103
2009		2.206	2.403	1.525	1.197	1.171	1.207	1.296	1.096	1.099	1.099	1.122
2010		8.853	1.172	1.515	1.125	1.077	1.110	1.073	1.066	1.064	1.064	
2011		12.336	5.594	1.419	1.459	1.274	1.203	1.159	1.110	1.110		
2012	389.211	11.787	3.840	1.699	1.240	1.129	1.178	1.128	1.124			
2013		6.885	2.132	1.359	1.233	1.196	1.187	1.132				
2014		5.833	2.006	1.717	1.325	1.178	1.159					
2015		860.371	2.953	1.861	1.252	1.297						
2016		1.390	1.153	1.404	1.239							
2017		3.735	1.864	1.601								
2018		9.295	1.967									
2019		81.002										
2020												
Simple Avg. - Incremental		98.716	3.493	1.608	1.294	1.266	1.176	1.129	1.111	1.096	1.104	1.109
Wtd Avg. All - Incremental		5.518	2.108	1.572	1.289	1.258	1.187	1.142	1.119	1.101	1.103	1.112
Wtd Latest Five - Incremental		6.704	1.985	1.606	1.266	1.217	1.170	1.170	1.117	1.117	1.101	1.099
Wtd Latest Three - Incremental		10.824	1.781	1.687	1.285	1.221	1.173	1.141	1.103	1.096	1.097	1.106
Wtd Avg. All - Cumulative		452.861	82.063	38.921	24.766	19.220	15.277	12.868	11.266	10.066	9.145	8.287
Wtd Latest Five - Cumulative		492.772	73.499	37.023	23.049	18.206	14.958	12.784	10.925	9.777	8.750	7.947

Paid Loss & ALAE - Actual - Without Retroactive Payments
Period to Period Development Factors

Year of Birth -----	147:159 -----	159:171 -----	171:183 -----	183:195 -----	195:207 -----	207:219 -----	219:231 -----	231:243 -----	243:255 -----	255:267 -----	267:279 -----	279:291 -----
1989	1.033	1.058	1.042	1.047	1.049	1.041	1.034	1.022	1.029	1.027	1.043	1.039
1990	1.068	1.111	1.112	1.111	1.092	1.037	1.033	1.030	1.038	1.031	1.037	1.059
1991	1.074	1.067	1.076	1.070	1.138	1.227	1.169	1.147	1.101	1.212	1.089	1.094
1992	1.079	1.071	1.064	1.070	1.080	1.083	1.107	1.087	1.069	1.104	1.096	1.082
1993	1.110	1.096	1.067	1.068	1.061	1.068	1.058	1.063	1.073	1.064	1.053	1.051
1994	1.015	1.017	1.038	1.032	1.035	1.028	1.027	1.043	1.048	1.043	1.041	1.044
1995	1.122	1.134	1.032	1.339	1.061	1.064	1.103	1.098	1.085	1.093	1.068	1.058
1996	1.074	1.080	1.088	1.082	1.053	1.061	1.057	1.055	1.057	1.058	1.056	1.052
1997	1.149	1.114	1.105	1.149	1.079	1.065	1.067	1.062	1.052	1.055	1.059	1.064
1998	1.126	1.113	1.099	1.120	1.099	1.090	1.086	1.077	1.076	1.066	1.068	
1999	1.103	1.069	1.079	1.073	1.051	1.048	1.037	1.034	1.026	1.035		
2000	1.067	1.085	1.077	1.061	1.066	1.061	1.066	1.058	1.052			
2001	1.096	1.084	1.091	1.070	1.064	1.070	1.057	1.059				
2002	1.104	1.100	1.087	1.074	1.071	1.068	1.077					
2003	1.139	1.105	1.092	1.069	1.064	1.073						
2004	1.069	1.068	1.078	1.076	1.066							
2005	1.076	1.073	1.084	1.095								
2006	1.077	1.087	1.076									
2007	1.099	1.077										
2008	1.117											
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
Simple Avg. - Incremental	1.090	1.085	1.077	1.094	1.071	1.072	1.070	1.064	1.059	1.072	1.061	1.060
Wtd Avg. All - Incremental	1.092	1.085	1.078	1.090	1.068	1.068	1.067	1.062	1.059	1.066	1.062	1.059
Wtd Latest Five - Incremental	1.089	1.081	1.083	1.077	1.067	1.063	1.068	1.060	1.055	1.060	1.061	1.054
Wtd Latest Three - Incremental	1.096	1.080	1.079	1.083	1.068	1.069	1.070	1.048	1.055	1.055	1.063	1.058
Wtd Avg. All - Cumulative	7.450	6.824	6.289	5.836	5.356	5.012	4.695	4.399	4.143	3.913	3.672	3.458
Wtd Latest Five - Cumulative	7.234	6.643	6.147	5.677	5.269	4.937	4.643	4.347	4.101	3.888	3.666	3.454

Paid Loss & ALAE - Actual - Without Retroactive Payments
Period to Period Development Factors

Year of Birth -----	291:303 -----	303:315 -----	315:327 -----	327:339 -----	339:351 -----	351:363 -----	363:375 -----	375:387 -----	387:Ult. -----
1989	1.051	1.046	1.051	1.042	1.024	1.026	1.027	1.029	
1990	1.070	1.043	1.038	1.038	1.049	1.036	1.041		
1991	1.077	1.072	1.079	1.070	1.060	1.062			
1992	1.076	1.077	1.070	1.063	1.063				
1993	1.046	1.053	1.049	1.054					
1994	1.037	1.035	1.035						
1995	1.069	1.062							
1996	1.063								
1997									
1998									
1999									
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2017									
2018									
2019									
2020									
Simple Avg. - Incremental	1.061	1.055	1.054	1.053	1.049	1.042	1.034	1.029	
Wtd Avg. All - Incremental	1.059	1.057	1.055	1.054	1.048	1.040	1.031	1.029	
Wtd Latest Five - Incremental	1.058	1.060	1.056	1.054	1.048	1.040	1.031	1.029	
Wtd Latest Three - Incremental	1.058	1.052	1.053	1.060	1.060	1.040	1.031	1.029	
Wtd Avg. All - Cumulative	3.267	3.084	2.919	2.767	2.626	2.506	2.410	2.338	2.272
Wtd Latest Five - Cumulative	3.276	3.097	2.921	2.767	2.626	2.506	2.410	2.338	2.272

Incremental Paid Loss & ALAE - Inflation Factors - Based on Accident Year Factors

Year of Birth C.Y Ending	1989 3/31/1989	1990 3/31/1990	1991 3/31/1991	1992 3/31/1992	1993 3/31/1993	1994 3/31/1994	1995 3/31/1995	1996 3/31/1996	1997 3/31/1997	1998 3/31/1998	1999 3/31/1999	2000 3/31/2000
Assumptions:												
I. Incremental Paid Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	1.75%	1.75%	1.49%	1.46%	1.62%	1.30%	1.00%	1.09%	0.91%	0.92%	0.97%	0.98%
B. Accident Year - 4/1 to 3/31 (b)	1.75%	1.75%	1.68%	1.48%	1.50%	1.54%	1.22%	1.02%	1.04%	0.91%	0.93%	0.97%
II. Case O/S Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	0.81%	0.81%	0.53%	0.47%	0.42%	0.39%	0.35%	0.37%	0.24%	0.26%	0.35%	0.42%
B. Accident Year - 4/1 to 3/31	0.81%	0.81%	0.74%	0.52%	0.46%	0.41%	0.38%	0.35%	0.34%	0.25%	0.28%	0.36%
III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)												
A. Accident Year - 1/1 to 12/31	0.90%	0.90%	0.63%	0.57%	0.54%	0.48%	0.41%	0.44%	0.31%	0.32%	0.41%	0.47%
B. Accident Year - 4/1 to 3/31	0.90%	0.90%	0.83%	0.61%	0.56%	0.52%	0.46%	0.42%	0.41%	0.31%	0.35%	0.42%

Year of Birth -----	3 -----	15 -----	27 -----	39 -----	51 -----	63 -----	75 -----	87 -----	99 -----	111 -----	123 -----	135 -----
1989	1.000	1.017	1.035	1.050	1.066	1.082	1.095	1.107	1.118	1.128	1.139	1.150
1990	1.000	1.017	1.032	1.047	1.063	1.077	1.088	1.099	1.109	1.119	1.130	1.141
1991	1.000	1.015	1.030	1.046	1.059	1.070	1.081	1.091	1.101	1.111	1.122	1.135
1992	1.000	1.015	1.031	1.043	1.054	1.065	1.075	1.085	1.095	1.106	1.118	1.131
1993	1.000	1.015	1.028	1.038	1.049	1.059	1.069	1.079	1.090	1.102	1.114	1.127
1994	1.000	1.012	1.023	1.033	1.043	1.052	1.063	1.073	1.085	1.097	1.109	1.125
1995	1.000	1.010	1.021	1.030	1.040	1.050	1.060	1.072	1.084	1.096	1.112	1.126
1996	1.000	1.010	1.020	1.029	1.039	1.049	1.061	1.073	1.085	1.100	1.115	1.127
1997	1.000	1.009	1.019	1.028	1.039	1.050	1.062	1.074	1.089	1.103	1.115	1.128
1998	1.000	1.009	1.019	1.029	1.040	1.053	1.064	1.079	1.093	1.105	1.118	1.229
1999	1.000	1.010	1.020	1.031	1.043	1.054	1.069	1.083	1.095	1.108	1.218	1.270
2000	1.000	1.010	1.021	1.033	1.044	1.059	1.073	1.084	1.097	1.206	1.257	1.268
2001	1.000	1.011	1.023	1.034	1.048	1.062	1.073	1.086	1.194	1.245	1.255	1.267
2002	1.000	1.012	1.023	1.037	1.051	1.062	1.074	1.181	1.232	1.242	1.254	1.263
2003	1.000	1.011	1.025	1.039	1.050	1.062	1.168	1.217	1.228	1.239	1.248	1.255
2004	1.000	1.014	1.027	1.038	1.051	1.155	1.204	1.214	1.226	1.235	1.242	1.248
2005	1.000	1.013	1.024	1.036	1.139	1.188	1.197	1.209	1.218	1.224	1.231	1.236
2006	1.000	1.011	1.023	1.124	1.172	1.182	1.193	1.202	1.209	1.215	1.220	1.229
2007	1.000	1.012	1.112	1.160	1.170	1.181	1.189	1.196	1.202	1.207	1.216	1.223
2008	1.000	1.100	1.146	1.156	1.167	1.175	1.182	1.188	1.193	1.202	1.208	1.214
2009	1.000	1.043	1.051	1.061	1.069	1.075	1.080	1.085	1.093	1.099	1.104	1.110
2010	1.000	1.008	1.018	1.025	1.031	1.036	1.041	1.048	1.054	1.059	1.065	1.069
2011	1.000	1.009	1.017	1.022	1.028	1.032	1.040	1.045	1.051	1.056	1.060	
2012	1.000	1.007	1.013	1.018	1.023	1.030	1.036	1.041	1.046	1.050		
2013	1.000	1.006	1.011	1.015	1.023	1.028	1.033	1.038	1.042			
2014	1.000	1.005	1.010	1.017	1.022	1.027	1.033	1.036				
2015	1.000	1.004	1.012	1.017	1.022	1.027	1.031					
2016	1.000	1.007	1.013	1.018	1.023	1.027						
2017	1.000	1.005	1.010	1.015	1.019							
2018	1.000	1.005	1.010	1.014								
2019	1.000	1.005	1.009									
2020	1.000	1.004										
2021	1.000											

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 3/31/08, 3/31/09, 3/31/10, 3/31/16, and 3/31/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Incremental Paid Loss & ALAE - Inflation Factors - Based on Accident Year Factors

Year of Birth C.Y Ending	2001 3/31/2001	2002 3/31/2002	2003 3/31/2003	2004 3/31/2004	2005 3/31/2005	2006 3/31/2006	2007 3/31/2007	2008 3/31/2008	2009 3/31/2009	2010 3/31/2010	2011 3/31/2011	2012 3/31/2012
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Assumptions:

I. Incremental Paid Inflation Per Year

A. Accident Year - 1/1 to 12/31 (a)	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%	7.62%	0.78%	1.00%	0.78%
B. Accident Year - 4/1 to 3/31 (b)	0.99%	1.09%	1.16%	1.09%	1.41%	1.30%	1.07%	1.18%	9.95%	4.26%	0.84%	0.94%

II. Case O/S Inflation Per Year

A. Accident Year - 1/1 to 12/31 (a)	0.30%	0.38%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%	0.35%	0.29%	0.42%	9.83%
B. Accident Year - 4/1 to 3/31	0.39%	0.32%	0.35%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%	0.33%	0.32%	0.42%

III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)

A. Accident Year - 1/1 to 12/31	0.38%	0.46%	0.36%	4.59%	0.92%	4.47%	0.58%	4.75%	1.08%	0.34%	0.48%	8.92%
B. Accident Year - 4/1 to 3/31	0.45%	0.40%	0.43%	0.37%	4.59%	0.91%	4.48%	0.57%	5.09%	0.73%	0.37%	0.48%

Year of Birth -----	147 -----	159 -----	171 -----	183 -----	195 -----	207 -----	219 -----	231 -----	243 -----	255 -----	267 -----	279 -----
1989	1.161	1.174	1.188	1.201	1.217	1.233	1.247	1.261	1.387	1.446	1.458	1.472
1990	1.154	1.167	1.180	1.197	1.212	1.225	1.240	1.363	1.421	1.433	1.446	1.457
1991	1.148	1.160	1.177	1.192	1.205	1.219	1.340	1.397	1.409	1.422	1.433	1.441
1992	1.143	1.160	1.175	1.187	1.201	1.321	1.377	1.389	1.402	1.412	1.420	1.427
1993	1.142	1.157	1.170	1.184	1.301	1.357	1.368	1.381	1.391	1.399	1.406	1.412
1994	1.140	1.152	1.166	1.282	1.336	1.347	1.360	1.370	1.378	1.385	1.391	1.401
1995	1.138	1.151	1.266	1.320	1.331	1.344	1.353	1.361	1.368	1.374	1.384	1.391
1996	1.140	1.253	1.307	1.318	1.330	1.340	1.347	1.354	1.360	1.370	1.377	1.384
1997	1.240	1.293	1.304	1.316	1.326	1.333	1.340	1.346	1.356	1.363	1.370	1.377
1998	1.281	1.292	1.304	1.314	1.321	1.328	1.334	1.344	1.351	1.357	1.364	1.369
1999	1.280	1.292	1.302	1.309	1.316	1.321	1.331	1.338	1.345	1.352	1.357	
2000	1.280	1.289	1.296	1.303	1.309	1.318	1.325	1.332	1.339	1.344		
2001	1.276	1.284	1.290	1.296	1.305	1.312	1.319	1.326	1.330			
2002	1.270	1.276	1.282	1.291	1.298	1.305	1.311	1.316				
2003	1.262	1.267	1.277	1.283	1.290	1.296	1.301					
2004	1.254	1.263	1.269	1.276	1.282	1.287						
2005	1.245	1.252	1.258	1.264	1.269							
2006	1.236	1.242	1.248	1.253								
2007	1.229	1.235	1.239									
2008	1.221	1.225										
2009	1.114											
2010												
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2016												
2017												
2018												
2019												
2020												
2021												

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 3/31/08, 3/31/09, 3/31/10, 3/31/16, and 3/31/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Incremental Paid Loss & ALAE - Inflation Factors - Based on Accident Year Factors

Year of Birth C.Y Ending	2013 3/31/2013	2014 3/31/2014	2015 3/31/2015	2016 3/31/2016	2017 3/31/2017	2018 3/31/2018	2019 3/31/2019	2020 3/31/2020	2021 3/31/2021
Assumptions:									
I. Incremental Paid Inflation Per Year									
A. Accident Year - 1/1 to 12/31 (a)	0.57%	0.55%	0.40%	0.69%	0.59%	0.48%	0.57%	0.33%	0.44%
B. Accident Year - 4/1 to 3/31 (b)	0.73%	0.56%	0.51%	0.44%	0.73%	0.53%	0.50%	0.51%	0.36%
II. Case O/S Inflation Per Year									
A. Accident Year - 1/1 to 12/31 (a)	0.72%	0.19%	0.17%	2.01%	0.22%	0.22%	1.01%	0.19%	0.25%
B. Accident Year - 4/1 to 3/31	9.83%	0.59%	0.19%	0.17%	2.01%	0.22%	0.22%	1.01%	0.20%
III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)									
A. Accident Year - 1/1 to 12/31	0.71%	0.23%	0.19%	1.87%	0.26%	0.25%	0.97%	0.20%	0.27%
B. Accident Year - 4/1 to 3/31	8.92%	0.59%	0.22%	0.20%	1.88%	0.25%	0.25%	0.96%	0.22%

Year of Birth	291	303	315	327	339	351	363	375	387
1989	1.482	1.491	1.498	1.505	1.516	1.524	1.532	1.539	1.545
1990	1.465	1.473	1.479	1.490	1.498	1.505	1.513	1.518	
1991	1.448	1.455	1.465	1.473	1.480	1.488	1.493		
1992	1.433	1.444	1.451	1.459	1.466	1.471			
1993	1.423	1.430	1.437	1.445	1.450				
1994	1.408	1.415	1.423	1.428					
1995	1.398	1.405	1.410						
1996	1.391	1.396							
1997	1.382								
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Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 3/31/08, 3/31/09, 3/31/10, 3/31/16, and 3/31/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Case Outstanding Loss & ALAE - Inflation Factors - Based on Accident Year Factors

Year of Birth	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
C.Y Ending	3/31/1989	3/31/1990	3/31/1991	3/31/1992	3/31/1993	3/31/1994	3/31/1995	3/31/1996	3/31/1997	3/31/1998	3/31/1999	3/31/2000
Assumptions:												
I. Incremental Paid Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	1.75%	1.75%	1.49%	1.46%	1.62%	1.30%	1.00%	1.09%	0.91%	0.92%	0.97%	0.98%
B. Accident Year - 4/1 to 3/31 (b)	1.75%	1.75%	1.68%	1.48%	1.50%	1.54%	1.22%	1.02%	1.04%	0.91%	0.93%	0.97%
II. Case O/S Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	0.81%	0.81%	0.53%	0.47%	0.42%	0.39%	0.35%	0.37%	0.24%	0.26%	0.35%	0.42%
B. Accident Year - 4/1 to 3/31	0.81%	0.81%	0.74%	0.52%	0.46%	0.41%	0.38%	0.35%	0.34%	0.25%	0.28%	0.36%
III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)												
A. Accident Year - 1/1 to 12/31	0.90%	0.90%	0.63%	0.57%	0.54%	0.48%	0.41%	0.44%	0.31%	0.32%	0.41%	0.47%
B. Accident Year - 4/1 to 3/31	0.90%	0.90%	0.83%	0.61%	0.56%	0.52%	0.46%	0.42%	0.41%	0.31%	0.35%	0.42%

Year of Birth	3	15	27	39	51	63	75	87	99	111	123	135
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1989	1.000	1.008	1.016	1.021	1.025	1.030	1.034	1.037	1.041	1.043	1.046	1.050
1990	1.000	1.007	1.013	1.017	1.021	1.025	1.029	1.032	1.035	1.038	1.042	1.046
1991	1.000	1.005	1.010	1.014	1.018	1.021	1.025	1.027	1.030	1.034	1.038	1.041
1992	1.000	1.005	1.009	1.013	1.016	1.019	1.022	1.025	1.029	1.033	1.036	1.040
1993	1.000	1.004	1.008	1.011	1.015	1.017	1.020	1.024	1.028	1.031	1.035	1.038
1994	1.000	1.004	1.007	1.011	1.013	1.016	1.020	1.024	1.027	1.031	1.034	1.038
1995	1.000	1.004	1.007	1.009	1.012	1.016	1.020	1.023	1.027	1.030	1.034	1.038
1996	1.000	1.003	1.006	1.009	1.012	1.016	1.019	1.023	1.026	1.029	1.033	1.037
1997	1.000	1.002	1.005	1.009	1.013	1.016	1.020	1.023	1.027	1.030	1.034	1.038
1998	1.000	1.003	1.006	1.010	1.014	1.017	1.020	1.023	1.027	1.030	1.034	1.038
1999	1.000	1.004	1.008	1.011	1.014	1.017	1.020	1.023	1.027	1.030	1.034	1.038
2000	1.000	1.004	1.007	1.011	1.014	1.017	1.020	1.023	1.027	1.030	1.034	1.038
2001	1.000	1.003	1.007	1.010	1.013	1.016	1.020	1.023	1.027	1.030	1.034	1.038
2002	1.000	1.004	1.006	1.009	1.012	1.015	1.018	1.021	1.024	1.027	1.030	1.033
2003	1.000	1.003	1.005	1.008	1.011	1.014	1.017	1.020	1.023	1.026	1.029	1.032
2004	1.000	1.004	1.006	1.009	1.012	1.015	1.018	1.021	1.024	1.027	1.030	1.033
2005	1.000	1.009	1.012	1.015	1.018	1.021	1.024	1.027	1.030	1.033	1.036	1.039
2006	1.000	1.009	1.012	1.015	1.018	1.021	1.024	1.027	1.030	1.033	1.036	1.039
2007	1.000	1.005	1.008	1.011	1.014	1.017	1.020	1.023	1.026	1.029	1.032	1.035
2008	1.000	1.006	1.009	1.012	1.015	1.018	1.021	1.024	1.027	1.030	1.033	1.036
2009	1.000	1.003	1.007	1.011	1.014	1.017	1.020	1.023	1.026	1.029	1.032	1.035
2010	1.000	1.003	1.007	1.010	1.013	1.016	1.019	1.022	1.025	1.028	1.031	1.034
2011	1.000	1.004	1.008	1.011	1.014	1.017	1.020	1.023	1.026	1.029	1.032	1.035
2012	1.000	1.008	1.012	1.015	1.018	1.021	1.024	1.027	1.030	1.033	1.036	1.039
2013	1.000	1.006	1.009	1.012	1.015	1.018	1.021	1.024	1.027	1.030	1.033	1.036
2014	1.000	1.002	1.004	1.006	1.008	1.010	1.012	1.014	1.016	1.018	1.020	1.022
2015	1.000	1.002	1.004	1.006	1.008	1.010	1.012	1.014	1.016	1.018	1.020	1.022
2016	1.000	1.002	1.004	1.006	1.008	1.010	1.012	1.014	1.016	1.018	1.020	1.022
2017	1.000	1.002	1.004	1.006	1.008	1.010	1.012	1.014	1.016	1.018	1.020	1.022
2018	1.000	1.002	1.004	1.006	1.008	1.010	1.012	1.014	1.016	1.018	1.020	1.022
2019	1.000	1.002	1.004	1.006	1.008	1.010	1.012	1.014	1.016	1.018	1.020	1.022
2020	1.000	1.002	1.004	1.006	1.008	1.010	1.012	1.014	1.016	1.018	1.020	1.022
2021	1.000	1.002	1.004	1.006	1.008	1.010	1.012	1.014	1.016	1.018	1.020	1.022

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 3/31/08, 3/31/09, 3/31/10, 3/31/16, and 3/31/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Case Outstanding Loss & ALAE - Inflation Factors - Based on Accident Year Factors

Year of Birth C.Y Ending	2001 3/31/2001	2002 3/31/2002	2003 3/31/2003	2004 3/31/2004	2005 3/31/2005	2006 3/31/2006	2007 3/31/2007	2008 3/31/2008	2009 3/31/2009	2010 3/31/2010	2011 3/31/2011	2012 3/31/2012
Assumptions:												
I. Incremental Paid Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%	7.62%	0.78%	1.00%	0.78%
B. Accident Year - 4/1 to 3/31 (b)	0.99%	1.09%	1.16%	1.09%	1.41%	1.30%	1.07%	1.18%	9.95%	4.26%	0.84%	0.94%
II. Case O/S Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	0.30%	0.38%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%	0.35%	0.29%	0.42%	9.83%
B. Accident Year - 4/1 to 3/31	0.39%	0.32%	0.35%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%	0.33%	0.32%	0.42%
III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)												
A. Accident Year - 1/1 to 12/31	0.38%	0.46%	0.36%	4.59%	0.92%	4.47%	0.58%	4.75%	1.08%	0.34%	0.48%	8.92%
B. Accident Year - 4/1 to 3/31	0.45%	0.40%	0.43%	0.37%	4.59%	0.91%	4.48%	0.57%	5.09%	0.73%	0.37%	0.48%

Year of Birth -----	147 -----	159 -----	171 -----	183 -----	195 -----	207 -----	219 -----	231 -----	243 -----	255 -----	267 -----	279 -----
1989	1.054	1.057	1.061	1.064	1.117	1.126	1.181	1.187	1.241	1.245	1.249	1.255
1990	1.049	1.053	1.056	1.108	1.117	1.172	1.178	1.231	1.235	1.239	1.245	1.367
1991	1.045	1.048	1.100	1.109	1.163	1.169	1.222	1.226	1.230	1.235	1.357	1.365
1992	1.043	1.094	1.104	1.157	1.163	1.216	1.220	1.224	1.229	1.350	1.358	1.360
1993	1.089	1.099	1.152	1.158	1.210	1.214	1.218	1.223	1.344	1.352	1.354	1.356
1994	1.094	1.147	1.153	1.205	1.209	1.213	1.218	1.338	1.346	1.349	1.351	1.378
1995	1.143	1.149	1.201	1.205	1.209	1.214	1.333	1.341	1.344	1.346	1.373	1.376
1996	1.145	1.197	1.201	1.204	1.210	1.328	1.336	1.339	1.341	1.368	1.371	1.374
1997	1.193	1.197	1.200	1.206	1.324	1.332	1.334	1.337	1.363	1.366	1.369	1.383
1998	1.194	1.198	1.203	1.321	1.329	1.331	1.333	1.360	1.363	1.366	1.380	1.383
1999	1.194	1.199	1.317	1.325	1.327	1.330	1.356	1.359	1.362	1.376	1.379	
2000	1.195	1.312	1.320	1.323	1.325	1.351	1.354	1.357	1.371	1.374		
2001	1.307	1.315	1.317	1.320	1.346	1.349	1.352	1.366	1.369			
2002	1.311	1.313	1.315	1.342	1.345	1.348	1.361	1.364				
2003	1.309	1.311	1.337	1.340	1.343	1.357	1.359					
2004	1.307	1.333	1.336	1.339	1.353	1.356						
2005	1.271	1.273	1.276	1.289	1.292							
2006	1.262	1.265	1.278	1.281								
2007	1.207	1.219	1.221									
2008	1.213	1.215										
2009	1.162											
2010												
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2019												
2020												
2021												

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 3/31/08, 3/31/09, 3/31/10, 3/31/16, and 3/31/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Case Outstanding Loss & ALAE - Inflation Factors - Based on Accident Year Factors

Year of Birth	2013	2014	2015	2016	2017	2018	2019	2020	2021
C.Y Ending	3/31/2013	3/31/2014	3/31/2015	3/31/2016	3/31/2017	3/31/2018	3/31/2019	3/31/2020	3/31/2021
Assumptions:									
I. Incremental Paid Inflation Per Year									
A. Accident Year - 1/1 to 12/31 (a)	0.57%	0.55%	0.40%	0.69%	0.59%	0.48%	0.57%	0.33%	0.44%
B. Accident Year - 4/1 to 3/31 (b)	0.73%	0.56%	0.51%	0.44%	0.73%	0.53%	0.50%	0.51%	0.36%
II. Case O/S Inflation Per Year									
A. Accident Year - 1/1 to 12/31 (a)	0.72%	0.19%	0.17%	2.01%	0.22%	0.22%	1.01%	0.19%	0.25%
B. Accident Year - 4/1 to 3/31	9.83%	0.59%	0.19%	0.17%	2.01%	0.22%	0.22%	1.01%	0.20%
III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)									
A. Accident Year - 1/1 to 12/31	0.71%	0.23%	0.19%	1.87%	0.26%	0.25%	0.97%	0.20%	0.27%
B. Accident Year - 4/1 to 3/31	8.92%	0.59%	0.22%	0.20%	1.88%	0.25%	0.25%	0.96%	0.22%

Year of Birth	291	303	315	327	339	351	363	375	387
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1989	1.378	1.386	1.389	1.391	1.419	1.422	1.425	1.440	1.443
1990	1.375	1.377	1.380	1.408	1.411	1.414	1.428	1.431	
1991	1.367	1.370	1.397	1.400	1.403	1.418	1.421		
1992	1.363	1.390	1.393	1.396	1.410	1.413			
1993	1.384	1.387	1.390	1.404	1.407				
1994	1.381	1.384	1.398	1.401					
1995	1.379	1.393	1.396						
1996	1.388	1.391							
1997	1.386								
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
2017									
2018									
2019									
2020									
2021									

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 3/31/08, 3/31/09, 3/31/10, 3/31/16, and 3/31/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Ultimate Accepted Claim Counts
Evaluated As of March 31, 2021

Year of Birth	Reported Accepted Claim Counts				IBNR Accepted Claim Counts			Ultimate Accepted Claim Counts		
	DA (a)	AAD (b)	AAA (c)	Combined (2)+(3)+(4)	DA Only (d)	AAD & AAA Only (d)	All (e) Accepted Claim Counts	DA Only (2) + (6)	AAD & AAA Only (3)+(4)+(7)	All Accepted Claim Counts (9) + (10)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	4	8	3	15			-	4	11	15
1990	3	4	3	10			-	3	7	10
1991	4	-	4	8			-	4	4	8
1992	1	4	9	14			-	1	13	14
1993	2	5	8	15			-	2	13	15
1994	9	4	3	16			-	9	7	16
1995	5	1	5	11			-	5	6	11
1996	10	1	6	17			-	10	7	17
1997	6	3	8	17			-	6	11	17
1998	3	4	11	18			-	3	15	18
1999	9	6	3	18			-	9	9	18
2000	7	2	4	13			-	7	6	13
2001	9	-	4	13			-	9	4	13
2002	5	4	13	22			-	5	17	22
2003	6	-	3	9			-	6	3	9
2004	7	1	5	13			-	7	6	13
2005	2	4	7	13			-	2	11	13
2006	1	3	9	13			-	1	12	13
2007	5	3	7	15			-	5	10	15
2008	1	1	9	11			-	1	10	11
2009	6	1	10	17			-	6	11	17
2010	6	1	5	12			-	6	6	12
2011	2	2	10	14			-	2	12	14
2012	4	-	7	11			-	4	7	11
2013	3	1	7	11			-	3	8	11
2014	3	1	9	13			-	3	10	13
2015	6	-	15	21			-	6	15	21
2016	4	-	5	9	-	1	1	4	6	10
2017	2	1	12	15	1	2	3	3	15	18
2018	8	1	15	24	1	3	4	9	19	28
2019	2	1	8	11	2	7	9	4	16	20
2020	1	-	1	2	3	12	15	4	13	17
2021 (3 Mo)	-	-	-	-	1	4	5	1	4	5
Totals All:	146	67	228	441	8	29	37	154	324	478
2016 - 2021	17	3	41	61	8	29	37	25	73	98

Notes: (a) The accepted claims shown in Column (2), DA, are claims where claimant was deceased prior to presentation of the claim to NICA.

(b) The accepted claims shown in Column (3), AAD, are claims that deceased after acceptance as of March 31, 2021.

(c) The accepted claims shown in Column (4), AAA, are accepted claims that are alive as of March 31, 2021.

(d) See Exhibit X, Sheet 1c, Columns (21) and (11), respectively.

(e) See Exhibit X, Sheet 1b, Column (10).

Ultimate Accepted Claim Counts
Evaluated As of March 31, 2021

Year of Birth	Actual (a) Accepted Claim Cts. @ 3/31/21	Reported Claim Cts. (b) @ 3/31/21	Loss Development Factors		Indicated Ultimate Reported Claim Cts. (3) x (5)	Ratio of Actual Accepted to Reported Claims (2) / (3)	Estimated Ultimate Accepted Claim Cts. (c)	Ratio of Ultimate Accepted to Ultimate Rept. Claims (8) / (6)	IBNR for All Accepted Claim Cts. (8) - (2)
			Incremental	Cumulative					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	15	32	1.000	1.000	32.0	0.46875	15	0.46875	-
1990	10	39	1.000	1.000	39.0	0.25641	10	0.25641	-
1991	8	38	1.000	1.000	38.0	0.21053	8	0.21053	-
1992	14	48	1.000	1.000	48.0	0.29167	14	0.29167	-
1993	15	40	1.000	1.000	40.0	0.37500	15	0.37500	-
1994	16	36	1.000	1.000	36.0	0.44444	16	0.44444	-
1995	11	26	1.000	1.000	26.0	0.42308	11	0.42308	-
1996	17	40	1.000	1.000	40.0	0.42500	17	0.42500	-
1997	17	47	1.000	1.000	47.0	0.36170	17	0.36170	-
1998	18	42	1.000	1.000	42.0	0.42857	18	0.42857	-
1999	18	40	1.000	1.000	40.0	0.45000	18	0.45000	-
2000	13	38	1.000	1.000	38.0	0.34211	13	0.34211	-
2001	13	41	1.000	1.000	41.0	0.31707	13	0.31707	-
2002	22	50	1.000	1.000	50.0	0.44000	22	0.44000	-
2003	9	23	1.000	1.000	23.0	0.39130	9	0.39130	-
2004	13	31	1.000	1.000	31.0	0.41935	13	0.41935	-
2005	13	41	1.000	1.000	41.0	0.31707	13	0.31707	-
2006	13	34	1.000	1.000	34.0	0.38235	13	0.38235	-
2007	15	36	1.000	1.000	36.0	0.41667	15	0.41667	-
2008	11	42	1.000	1.000	42.0	0.26190	11	0.26190	-
2009	17	50	1.000	1.000	50.0	0.34000	17	0.34000	-
2010	12	40	1.000	1.000	40.0	0.30000	12	0.30000	-
2011	14	44	1.000	1.000	44.0	0.31818	14	0.31818	-
2012	11	50	1.000	1.000	50.0	0.22000	11	0.22000	-
2013	11	32	1.005	1.005	32.2	0.34375	11	0.34204	-
2014	13	45	1.015	1.020	45.9	0.28889	13	0.28320	-
2015	21	48	1.015	1.035	49.7	0.43750	21	0.42255	-
2016	9	31	1.090	1.129	35.0		10	0.28583	1
2017	15	37	1.150	1.298	48.0		18	0.37484	3
2018	24	47	1.175	1.525	71.7		28	0.39066	4
2019	11	27	1.750	2.669	72.1		20	0.27757	9
2020	2	7	3.000	8.006	56.0		17	0.30334	15
2021 (3 Mo)	-	-	7.000	56.043	-		5		5
Totals:	441	1,222			1,359		478		37

Notes:(a) Based on individual claim detail provided by NICA as of March 31, 2021.

(b) See Exhibit X, Sheets 2a and 2b.

(c) Based on Column (2) for birth years 2015 and prior. See Exhibit X, Sheet 1c, sum of Columns (10) and (20) for birth years 2016 and subsequent.

Development of Ultimate Accepted Claim Counts (B/F Estimate)
Evaluated As of March 31, 2021

A. Selected Claim Frequency per Insured Physician Based on: (a)

1. AAA & AAD Only 0.0093
2. DA Only 0.0035
3. All Reported Claim:
But Excluding DA Only 0.0350

B. Ratio to Reported All Claims Excluding DA Only Based on: (a)

1. AAA & AAD Only 0.2657
2. DA Only 0.1000

Year of Birth	Actual (b) AAA & AAD Accepted Claim Cts. @ 3/31/21	All Reported Claim Cts. Excl. DA (c) @ 3/31/21	Insured Physicians @ 3/31/21	Estimated Claim Reporting Pattern - Based on :		B/F Method Estimated Ultimate (d) Reported Excl. DA (3) + {[1-(6)] x (4) x A.3}	Indicated Ultimate AAA & AAD Accepted Claims Based on		Final Selected Ultimate AAA & AAD Accepted Claim Cts. (10)	IBNR AAA & AAD Accepted Claim Cts. (10) - (2)
				Accepted AAA & AAD	Reported Claim Cts.		Reported Claim Cts. Excl. DA (2) + {[1-(5)] x (7) x B.1}	AAA & AAD Claim Cts. (d) (2) + {[1-(5)] x (4) x A.1}		
	(1)	(2)	(3)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2016	5	27	1,318	97.56%	88.61%	32.25	5.21	5.30	6	1
2017	13	35	1,356	91.18%	77.05%	45.89	14.08	14.11	15	2
2018	16	39	1,420	82.89%	65.58%	56.11	18.55	18.26	19	3
2019	9	25	1,501	55.26%	37.47%	57.85	15.88	15.25	16	7
2020	1	6	1,575	22.10%	12.49%	54.24	12.23	12.41	13	12
2021 (3 Mo)	-	-	1,543	5.53%	1.78%	13.26	3.33	3.39	4	4
Subtotals:	44	132	8,713			259.60	69.27	68.72	73	29

Year of Birth	Actual (b) DA Only Accepted Claim Cts. @ 3/31/21	All Reported Claim Cts. Excl. DA (c) @ 3/31/21	Insured Physicians @ 3/31/21	Estimated Claim Reporting Pattern - Based on :		B/F Method Estimated Ultimate (d) Reported Excl. DA (13) + {[1-(16)] x (14) x A.3}	Indicated Ultimate DA Only Accepted Claims Based on		Final Selected Ultimate DA Only Accepted Claim Cts. (20)	IBNR DA Only Accepted Claim Cts. (20) - (12)
				Accepted DA Only	Reported Claim Cts.		Reported Claim Cts. Excl. DA (12) + {[1-(15)] x (17) x B.2}	DA Only Claim Cts. (d) (12) + {[1-(15)] x (14) x A.2}		
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
2016	4	27	1,318	100.00%	88.61%	32.25	4.00	4.00	4	-
2017	2	35	1,356	95.24%	77.05%	45.89	2.22	2.23	3	1
2018	8	39	1,420	82.82%	65.58%	56.11	8.96	8.85	9	1
2019	2	25	1,501	59.15%	37.47%	57.85	4.36	4.15	4	2
2020	1	6	1,575	19.72%	12.49%	54.24	5.35	5.43	4	3
2021 (3 Mo)	-	-	1,543	3.94%	1.78%	13.26	1.27	1.30	1	1
Subtotals:	17	132	8,713			259.60	26.17	25.95	25	8

Notes: (a) See Exhibit X, Sheet 1d, Item (12), Columns (6) through (11), respectively.

(b) See Exhibit X, Sheet 1a, Columns (2), (3) and (4) respectively for DA, AAD, and AAA reported accepted claims.

(c) Based on all reported claims (as shown in Exhibit X, Sheet 1b, Column (3)) but excluded the DA only reported accepted claims (as shown in Exhibit X, Sheet 1a, Column (2)).

(d) The formula shown below for birth year 2021 is adjusted to account for the partial year.

Development of Ultimate Accepted Claim Counts (B/F Estimate)
Evaluated As of March 31, 2021

Year of Birth	Actual (a) Accepted Claim Counts		All (b) Reported Claim Cts. @ 3/31/21	All Reported Claim Cts. Excluding DA Claims @ 3/31/21 (4) - (3)	Insured Physicians	Claim Frequency per Insured Physician Based on :			Ratio of AAA & AAD to Reported All Claims Excl. DA (2) / (5)	Ratio of DA Only to Reported All Claims Excl. DA (3) / (5)					
	-----					-----									
	AAA & AAD Only	DA Only									AAA & AAD Only	DA Only	Reported		
	@ 3/31/21	@ 3/31/21				@ 3/31/21					(2) / (6)	(3) / (6)	Excl. DA (5) / (6)	Excl. DA (2) / (5)	Excl. DA (3) / (5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)					
1989	11	4	32	28	570	0.0193	0.0070	0.0491	0.3929	0.1429					
1990	7	3	39	36	590	0.0119	0.0051	0.0610	0.1944	0.0833					
1991	4	4	38	34	653	0.0061	0.0061	0.0521	0.1176	0.1176					
1992	13	1	48	47	712	0.0183	0.0014	0.0660	0.2766	0.0213					
1993	13	2	40	38	731	0.0178	0.0027	0.0520	0.3421	0.0526					
1994	7	9	36	27	659	0.0106	0.0137	0.0410	0.2593	0.3333					
1995	6	5	26	21	682	0.0088	0.0073	0.0308	0.2857	0.2381					
1996	7	10	40	30	708	0.0099	0.0141	0.0424	0.2333	0.3333					
1997	11	6	47	41	737	0.0149	0.0081	0.0556	0.2683	0.1463					
1998	15	3	42	39	699	0.0215	0.0043	0.0558	0.3846	0.0769					
1999	9	9	40	31	665	0.0135	0.0135	0.0466	0.2903	0.2903					
2000	6	7	38	31	620	0.0097	0.0113	0.0500	0.1935	0.2258					
2001	4	9	41	32	676	0.0059	0.0133	0.0473	0.1250	0.2813					
2002	17	5	50	45	730	0.0233	0.0068	0.0616	0.3778	0.1111					
2003	3	6	23	17	785	0.0038	0.0076	0.0217	0.1765	0.3529					
2004	6	7	31	24	841	0.0071	0.0083	0.0285	0.2500	0.2917					
2005	11	2	41	39	891	0.0123	0.0022	0.0438	0.2821	0.0513					
2006	12	1	34	33	897	0.0134	0.0011	0.0368	0.3636	0.0303					
2007	10	5	36	31	963	0.0104	0.0052	0.0322	0.3226	0.1613					
2008	10	1	42	41	987	0.0101	0.0010	0.0415	0.2439	0.0244					
2009	11	6	50	44	1,044	0.0105	0.0057	0.0421	0.2500	0.1364					
2010	6	6	40	34	1,071	0.0056	0.0056	0.0317	0.1765	0.1765					
2011	12	2	44	42	1,091	0.0110	0.0018	0.0385	0.2857	0.0476					
2012	7	4	50	46	1,119	0.0063	0.0036	0.0411	0.1522	0.0870					
2013	8	3	32	29	1,143	0.0070	0.0026	0.0254	0.2759	0.1034					
2014	10	3	45	42	1,208	0.0083	0.0025	0.0348	0.2381	0.0714					
2015	15	6	48	42	1,273	0.0118	0.0047	0.0330	0.3571	0.1429					
Subtotals:															
89 to 15	251	129	1,073	944	22,745	0.0110	0.0057	0.0415	0.2659	0.1367					
89 to 02	130	77	557	480	9,432	0.0138	0.0082	0.0509	0.2708	0.1604					
03 to 15	121	52	516	464	13,313	0.0091	0.0039	0.0349	0.2608	0.1121					
08 to 15	79	31	351	320	8,936	0.0088	0.0035	0.0358	0.2469	0.0969					
05 to 15	112	39	462	423	11,687	0.0096	0.0033	0.0362	0.2648	0.0922					
(12) Selected Frequency =====>						0.0093	0.0035	0.0350	0.2657	0.1000					

Notes: (a) See Exhibit X, Sheet 1a, Columns (2), (3) and (4) respectively for DA, AAD, and AAA reported accepted claims.

(b) See Exhibit X, Sheet 1b, Column (3).

Open Accepted Claim Counts
Evaluated As of March 31, 2021

Year of Birth	Reported Open Accepted Claim Counts @ 3/31/21				IBNR Accepted Claim Counts (d)			Total Open Accepted Claim Counts (Reported + IBNR)		
	DA (a) Only	AAD (b) Only	AAA (c) Only	Combined (2)+(3)+(4)	DA Only	AAD & AAA Only	Combined	AAD & AAA		
								DA (2) + (6)	Only (3)+(4)+(7)	Combined (9) + (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	-	-	3	3	-	-	-	-	3	3
1990	-	-	3	3	-	-	-	-	3	3
1991	-	-	4	4	-	-	-	-	4	4
1992	-	-	9	9	-	-	-	-	9	9
1993	-	-	8	8	-	-	-	-	8	8
1994	-	-	3	3	-	-	-	-	3	3
1995	-	-	5	5	-	-	-	-	5	5
1996	-	-	6	6	-	-	-	-	6	6
1997	-	-	8	8	-	-	-	-	8	8
1998	-	-	11	11	-	-	-	-	11	11
1999	-	-	3	3	-	-	-	-	3	3
2000	-	-	4	4	-	-	-	-	4	4
2001	-	-	4	4	-	-	-	-	4	4
2002	-	-	13	13	-	-	-	-	13	13
2003	-	-	3	3	-	-	-	-	3	3
2004	-	-	5	5	-	-	-	-	5	5
2005	-	-	7	7	-	-	-	-	7	7
2006	-	-	9	9	-	-	-	-	9	9
2007	-	-	7	7	-	-	-	-	7	7
2008	-	-	9	9	-	-	-	-	9	9
2009	-	-	10	10	-	-	-	-	10	10
2010	-	-	5	5	-	-	-	-	5	5
2011	-	-	10	10	-	-	-	-	10	10
2012	-	-	7	7	-	-	-	-	7	7
2013	-	-	7	7	-	-	-	-	7	7
2014	-	-	9	9	-	-	-	-	9	9
2015	-	-	15	15	-	-	-	-	15	15
2016	1	-	5	6	-	1	1	1	6	7
2017	-	-	12	12	1	2	3	1	14	15
2018	-	-	15	15	1	3	4	1	18	19
2019	-	-	8	8	2	7	9	2	15	17
2020	1	-	1	2	3	12	15	4	13	17
2021 (3 Mo)	-	-	-	-	1	4	5	1	4	5
Totals All:	2	-	228	230	8	29	37	10	257	267

Notes: (a) DA are claims where claimant was deceased prior to presentation of the claim to NICA.

(b) AAD are claims that deceased after acceptance as of March 31, 2021.

(c) AAA are accepted claims that are alive as of March 31, 2021.

(d) See Exhibit X, Sheet 1a, Columns (6), (7), and (8), respectively.

[illegible]

[illegible]

Reported Claim Counts
Period to Period Development Factors

Year of Birth -----	3:15 -----	15:27 -----	27:39 -----	39:51 -----	51:63 -----	63:75 -----	75:87 -----	87:99 -----	99:111 -----	111:123 -----	123:135 -----	135:147 -----
1989				1.294	1.182	1.115	1.069	1.032	1.000	1.000	1.000	1.000
1990			2.625	1.286	1.259	1.088	1.027	1.026	1.000	1.000	1.000	1.000
1991		2.667	2.625	1.333	1.036	1.172	1.029	1.057	1.000	1.000	1.000	1.000
1992		3.000	2.400	1.083	1.128	1.068	1.021	1.000	1.000	1.000	1.000	1.000
1993		4.250	1.941	1.061	1.029	1.111	1.000	1.000	1.000	1.000	1.000	1.000
1994		3.167	1.526	1.069	1.032	1.125	1.000	1.000	1.000	1.000	1.000	1.000
1995		4.500	1.667	1.400	1.143	1.042	1.000	1.040	1.000	1.000	1.000	1.000
1996		3.250	1.462	1.368	1.308	1.147	1.000	1.000	1.026	1.000	1.000	1.000
1997		5.333	1.750	1.214	1.235	1.119	1.000	1.000	1.000	1.000	1.000	1.000
1998		3.400	1.824	1.097	1.088	1.135	1.000	1.000	1.000	1.000	1.000	1.000
1999		1.667	1.600	1.208	1.172	1.147	1.026	1.000	1.000	1.000	1.000	1.000
2000		1.800	1.556	1.143	1.094	1.086	1.000	1.000	1.000	1.000	1.000	1.000
2001		3.750	1.667	1.240	1.226	1.079	1.000	1.000	1.000	1.000	1.000	1.000
2002		2.857	1.750	1.143	1.075	1.163	1.000	1.000	1.000	1.000	1.000	1.000
2003		2.250	1.444	1.231	1.250	1.050	1.000	1.095	1.000	1.000	1.000	1.000
2004		4.000	1.333	1.313	1.190	1.160	1.034	1.033	1.000	1.000	1.000	1.000
2005		4.667	1.714	1.250	1.233	1.054	1.026	1.025	1.000	1.000	1.000	1.000
2006		3.333	1.900	1.263	1.292	1.065	1.000	1.000	1.030	1.000	1.000	1.000
2007		3.250	1.923	1.040	1.192	1.032	1.031	1.091	1.000	1.000	1.000	1.000
2008		3.000	1.667	1.250	1.320	1.121	1.000	1.135	1.000	1.000	1.000	1.000
2009		2.667	1.875	1.167	1.229	1.116	1.000	1.000	1.042	1.000	1.000	1.000
2010		2.286	1.750	1.179	1.152	1.026	1.000	1.000	1.026	1.000	1.000	
2011	7.000	2.143	1.933	1.276	1.027	1.053	1.000	1.100	1.000	1.000		
2012	5.000	4.200	1.952	1.098	1.067	1.042	1.000	1.000	1.000			
2013	6.000	2.500	1.533	1.174	1.148	1.032	1.000	1.000				
2014		3.167	1.789	1.118	1.132	1.023	1.023					
2015		8.000	2.375	1.105	1.071	1.067						
2016	9.000	1.556	1.500	1.286	1.148							
2017		3.125	1.400	1.057								
2018		3.667	1.424									
2019	11.000	2.455										
2020												
Simple Avg. - Incremental	7.600	3.307	1.790	1.198	1.159	1.090	1.011	1.025	1.005	1.000	1.000	1.000
Wtd Avg. All - Incremental	32.600	2.950	1.751	1.177	1.149	1.089	1.010	1.022	1.005	1.000	1.000	1.000
Wtd Latest Five - Incremental	22.000	2.949	1.636	1.132	1.106	1.044	1.005	1.019	1.013	1.000	1.000	1.000
Wtd Latest Three - Incremental	27.000	3.036	1.431	1.128	1.112	1.042	1.008	1.033	1.008	1.000	1.000	1.000
Selected Incremental - Prior 3/31/20	7.000	3.000	1.850	1.175	1.150	1.090	1.015	1.015	1.005	1.000	1.000	1.000
Selected - Incremental	7.000	3.000	1.750	1.175	1.150	1.090	1.015	1.015	1.005	1.000	1.000	1.000
Selected - Cumulative	56.043	8.006	2.669	1.525	1.298	1.129	1.035	1.020	1.005	1.000	1.000	1.000

Reported Claim Counts
Period to Period Development Factors

[illegible]

Reported Claim Counts
Period to Period Development Factors

[illegible]

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 2019	Birth Year 2020	Birth Year 2021
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(1)	(2)	(3)	(4)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality			
2021	1.50%	1.11%	0.30%
2022	1.90%	1.96%	1.47%
2023	1.60%	1.87%	1.95%
2024	1.83%	1.58%	1.85%
2025	1.46%	1.80%	1.57%
2026	1.29%	1.44%	1.79%
2027	1.26%	1.27%	1.43%
2028	1.14%	1.24%	1.26%
2029	1.31%	1.12%	1.24%
2030	1.67%	1.29%	1.12%
2031	1.40%	1.64%	1.28%
2032	1.46%	1.38%	1.63%
2033	1.43%	1.44%	1.37%
2034	1.70%	1.40%	1.43%
2035	1.41%	1.68%	1.39%
2036	1.43%	1.38%	1.66%
2037	1.41%	1.41%	1.37%
2038	1.38%	1.39%	1.40%
2039	1.36%	1.36%	1.38%
2040	1.62%	1.34%	1.35%
2041	1.51%	1.59%	1.33%
2042	1.57%	1.49%	1.58%
2043	1.72%	1.54%	1.48%
2044	1.64%	1.69%	1.53%
2045	1.67%	1.61%	1.68%
2046	1.76%	1.64%	1.60%
2047	1.60%	1.73%	1.63%
2048	1.53%	1.57%	1.72%
2049	1.42%	1.50%	1.56%
2050	2.18%	1.40%	1.49%
2051	2.16%	2.15%	1.39%
2052	2.11%	2.13%	2.13%
2053	2.06%	2.07%	2.11%
2054	1.99%	2.02%	2.06%
2055	1.97%	1.96%	2.01%
2056	1.90%	1.94%	1.95%
2057	1.88%	1.87%	1.92%
2058	1.78%	1.85%	1.86%
2059	1.72%	1.75%	1.84%
2060	1.65%	1.69%	1.74%
2061	1.60%	1.63%	1.68%
2062	1.59%	1.57%	1.62%
2063	1.56%	1.57%	1.56%
2064	1.51%	1.53%	1.56%
2065	1.44%	1.48%	1.52%
2066	1.39%	1.41%	1.47%
2067	1.37%	1.37%	1.40%
2068	1.32%	1.35%	1.36%
2069	1.29%	1.30%	1.34%
2070	1.25%	1.27%	1.29%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 2019	Birth Year 2020	Birth Year 2021
-----	-----	-----	-----
(1)	(2)	(3)	(4)

**Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year
Future Payments Based on 2021 Level - After Mortality**

2071	1.20%	1.23%	1.26%
2072	1.15%	1.18%	1.22%
2073	1.11%	1.14%	1.17%
2074	1.06%	1.09%	1.13%
2075	1.02%	1.04%	1.08%
2076	0.98%	1.00%	1.03%
2077	0.96%	0.96%	0.99%
2078	0.92%	0.95%	0.95%
2079	0.86%	0.90%	0.94%
2080	0.82%	0.85%	0.90%
2081	0.78%	0.81%	0.84%
2082	0.74%	0.76%	0.80%
2083	0.71%	0.73%	0.76%
2084	0.67%	0.70%	0.73%
2085	0.64%	0.66%	0.69%
2086	0.59%	0.63%	0.66%
2087	0.56%	0.58%	0.62%
2088	0.52%	0.55%	0.57%
2089	0.49%	0.52%	0.55%
2090	0.46%	0.48%	0.51%
2091	0.43%	0.45%	0.48%
2092	0.40%	0.42%	0.45%
2093	0.36%	0.39%	0.42%
2094	0.34%	0.36%	0.39%
2095	0.31%	0.33%	0.36%
2096	0.28%	0.31%	0.33%
2097	0.26%	0.27%	0.30%
2098	0.23%	0.26%	0.27%
2099	0.21%	0.23%	0.25%
2100	0.19%	0.21%	0.23%
2101	0.17%	0.18%	0.21%
2102	0.15%	0.17%	0.18%
2103	0.13%	0.15%	0.16%
2104	0.11%	0.13%	0.14%
2105	0.10%	0.11%	0.12%
2106	0.08%	0.10%	0.11%
2107	0.07%	0.08%	0.09%
2108	0.06%	0.07%	0.08%
2109	0.05%	0.06%	0.07%
2110	0.04%	0.05%	0.06%
2111	0.03%	0.04%	0.05%
2112	0.03%	0.03%	0.04%
2113	0.02%	0.02%	0.03%
2114	0.01%	0.02%	0.02%
2115	0.01%	0.01%	0.02%
2116	0.01%	0.01%	0.01%
2117	0.01%	0.01%	0.01%
2118	0.01%	0.01%	0.01%
2119	0.00%	0.01%	0.01%
2120	0.00%	0.00%	0.01%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 2009	Birth Year 2010	Birth Year 2011	Birth Year 2012	Birth Year 2013	Birth Year 2014	Birth Year 2015	Birth Year 2016	Birth Year 2017	Birth Year 2018
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality										
2021	2.02%	2.18%	2.83%	2.70%	1.05%	1.06%	1.18%	1.45%	1.25%	1.45%
2022	1.26%	0.69%	1.35%	1.16%	1.27%	1.38%	1.39%	1.55%	1.90%	1.63%
2023	2.42%	1.58%	2.19%	1.57%	1.45%	1.25%	1.36%	1.36%	1.52%	1.87%
2024	2.36%	1.56%	2.11%	1.53%	1.85%	1.43%	1.23%	1.34%	1.34%	1.49%
2025	2.57%	1.74%	2.37%	1.78%	1.55%	1.82%	1.41%	1.21%	1.31%	1.32%
2026	2.28%	1.53%	1.99%	1.48%	1.62%	1.53%	1.79%	1.39%	1.19%	1.29%
2027	3.09%	1.97%	2.75%	2.15%	1.58%	1.60%	1.51%	1.76%	1.36%	1.16%
2028	2.17%	1.49%	1.87%	1.41%	1.89%	1.56%	1.57%	1.48%	1.73%	1.34%
2029	2.13%	1.47%	1.82%	1.39%	1.56%	1.86%	1.54%	1.54%	1.45%	1.70%
2030	2.47%	1.75%	2.15%	1.73%	1.59%	1.54%	1.83%	1.51%	1.52%	1.43%
2031	2.55%	1.46%	1.71%	1.33%	1.57%	1.56%	1.51%	1.80%	1.48%	1.49%
2032	2.50%	1.96%	1.67%	1.30%	1.53%	1.54%	1.54%	1.49%	1.77%	1.46%
2033	2.43%	1.93%	2.00%	1.27%	1.51%	1.51%	1.52%	1.51%	1.46%	1.74%
2034	3.11%	2.32%	2.47%	2.47%	1.79%	1.49%	1.48%	1.49%	1.48%	1.43%
2035	2.55%	2.05%	2.15%	2.12%	1.68%	1.77%	1.46%	1.46%	1.47%	1.46%
2036	2.36%	1.85%	1.85%	1.85%	1.74%	1.65%	1.74%	1.44%	1.43%	1.44%
2037	2.30%	1.86%	1.81%	1.80%	1.91%	1.72%	1.63%	1.71%	1.41%	1.41%
2038	2.25%	1.83%	2.07%	1.76%	1.82%	1.88%	1.69%	1.60%	1.68%	1.39%
2039	2.18%	1.80%	2.01%	2.31%	1.85%	1.79%	1.85%	1.66%	1.57%	1.65%
2040	2.40%	2.01%	2.24%	2.55%	1.95%	1.83%	1.76%	1.82%	1.63%	1.54%
2041	2.68%	2.11%	2.20%	2.67%	1.77%	1.92%	1.80%	1.73%	1.79%	1.60%
2042	2.01%	1.72%	1.85%	2.15%	1.70%	1.75%	1.89%	1.77%	1.70%	1.75%
2043	1.96%	1.69%	1.81%	2.10%	1.58%	1.67%	1.72%	1.86%	1.74%	1.67%
2044	1.91%	1.83%	1.77%	2.05%	2.42%	1.55%	1.65%	1.69%	1.83%	1.70%
2045	2.00%	1.94%	1.91%	2.16%	2.40%	2.39%	1.53%	1.62%	1.66%	1.79%
2046	1.79%	1.76%	1.68%	1.95%	2.34%	2.37%	2.35%	1.50%	1.59%	1.63%
2047	1.75%	1.73%	1.64%	1.90%	2.28%	2.30%	2.33%	2.31%	1.48%	1.56%
2048	2.17%	2.01%	1.82%	2.22%	2.21%	2.25%	2.27%	2.29%	2.27%	1.45%
2049	1.63%	1.67%	1.56%	1.80%	2.18%	2.18%	2.22%	2.23%	2.25%	2.22%
2050	1.79%	1.83%	1.75%	1.99%	2.11%	2.15%	2.15%	2.17%	2.19%	2.21%
2051	1.53%	1.61%	1.48%	1.71%	2.08%	2.08%	2.12%	2.11%	2.14%	2.15%
2052	1.48%	1.58%	1.44%	1.67%	1.98%	2.05%	2.05%	2.08%	2.07%	2.10%
2053	1.44%	1.55%	1.41%	1.63%	1.91%	1.95%	2.02%	2.01%	2.05%	2.03%
2054	1.38%	1.66%	1.37%	1.58%	1.84%	1.88%	1.92%	1.99%	1.98%	2.01%
2055	1.82%	2.00%	1.63%	1.94%	1.78%	1.81%	1.85%	1.89%	1.95%	1.94%
2056	1.35%	1.60%	1.48%	1.50%	1.77%	1.75%	1.78%	1.82%	1.85%	1.92%
2057	1.30%	1.56%	1.44%	1.45%	1.73%	1.74%	1.72%	1.75%	1.79%	1.82%
2058	1.25%	1.53%	1.49%	1.41%	1.67%	1.70%	1.72%	1.69%	1.72%	1.75%
2059	1.21%	1.50%	1.45%	1.37%	1.59%	1.65%	1.68%	1.69%	1.66%	1.69%
2060	1.30%	1.61%	1.58%	1.58%	1.54%	1.57%	1.62%	1.65%	1.66%	1.63%
2061	1.11%	1.42%	1.36%	1.38%	1.52%	1.52%	1.55%	1.59%	1.62%	1.63%
2062	1.34%	1.60%	1.43%	1.55%	1.47%	1.50%	1.50%	1.52%	1.57%	1.59%
2063	1.02%	1.35%	1.28%	1.29%	1.43%	1.45%	1.48%	1.47%	1.49%	1.54%
2064	0.98%	1.32%	1.24%	1.25%	1.39%	1.41%	1.43%	1.45%	1.45%	1.46%
2065	1.01%	1.37%	1.30%	1.30%	1.33%	1.37%	1.39%	1.40%	1.43%	1.42%
2066	0.89%	1.25%	1.16%	1.17%	1.28%	1.31%	1.35%	1.36%	1.38%	1.40%
2067	0.85%	1.21%	1.12%	1.13%	1.23%	1.26%	1.29%	1.32%	1.34%	1.35%
2068	0.81%	1.17%	1.08%	1.09%	1.17%	1.21%	1.24%	1.27%	1.30%	1.31%
2069	0.95%	1.29%	1.11%	1.20%	1.13%	1.16%	1.19%	1.22%	1.25%	1.27%
2070	0.81%	1.21%	1.11%	1.12%	1.08%	1.11%	1.14%	1.17%	1.20%	1.22%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 2009	Birth Year 2010	Birth Year 2011	Birth Year 2012	Birth Year 2013	Birth Year 2014	Birth Year 2015	Birth Year 2016	Birth Year 2017	Birth Year 2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality										
2071	0.69%	1.06%	0.96%	0.98%	1.07%	1.07%	1.10%	1.12%	1.15%	1.18%
2072	0.65%	1.02%	0.91%	0.93%	1.02%	1.05%	1.05%	1.07%	1.10%	1.13%
2073	0.61%	0.99%	0.87%	0.90%	0.95%	1.00%	1.04%	1.03%	1.06%	1.08%
2074	0.58%	0.95%	0.84%	0.86%	0.91%	0.94%	0.99%	1.02%	1.01%	1.04%
2075	0.58%	0.97%	0.86%	0.87%	0.86%	0.90%	0.93%	0.97%	1.00%	1.00%
2076	0.62%	0.98%	0.79%	0.87%	0.82%	0.85%	0.88%	0.91%	0.95%	0.98%
2077	0.48%	0.84%	0.72%	0.75%	0.79%	0.81%	0.84%	0.87%	0.89%	0.94%
2078	0.44%	0.80%	0.68%	0.71%	0.74%	0.78%	0.80%	0.82%	0.85%	0.88%
2079	0.41%	0.76%	0.64%	0.67%	0.71%	0.73%	0.77%	0.79%	0.81%	0.84%
2080	0.43%	0.79%	0.67%	0.70%	0.65%	0.70%	0.72%	0.75%	0.77%	0.79%
2081	0.36%	0.69%	0.56%	0.60%	0.62%	0.64%	0.69%	0.71%	0.74%	0.76%
2082	0.33%	0.65%	0.52%	0.56%	0.58%	0.61%	0.63%	0.68%	0.70%	0.72%
2083	0.36%	0.68%	0.50%	0.58%	0.54%	0.57%	0.61%	0.62%	0.66%	0.68%
2084	0.28%	0.58%	0.45%	0.49%	0.51%	0.53%	0.56%	0.59%	0.61%	0.65%
2085	0.27%	0.57%	0.45%	0.49%	0.47%	0.50%	0.52%	0.55%	0.58%	0.60%
2086	0.23%	0.51%	0.39%	0.43%	0.44%	0.47%	0.50%	0.51%	0.54%	0.57%
2087	0.21%	0.47%	0.35%	0.40%	0.40%	0.44%	0.46%	0.49%	0.51%	0.53%
2088	0.19%	0.44%	0.32%	0.37%	0.37%	0.40%	0.43%	0.45%	0.48%	0.50%
2089	0.17%	0.41%	0.29%	0.34%	0.34%	0.37%	0.39%	0.42%	0.44%	0.47%
2090	0.19%	0.43%	0.29%	0.35%	0.31%	0.34%	0.36%	0.38%	0.42%	0.44%
2091	0.14%	0.34%	0.23%	0.28%	0.29%	0.30%	0.33%	0.36%	0.38%	0.41%
2092	0.13%	0.31%	0.21%	0.25%	0.26%	0.28%	0.30%	0.33%	0.35%	0.37%
2093	0.11%	0.28%	0.18%	0.23%	0.23%	0.26%	0.28%	0.29%	0.32%	0.34%
2094	0.10%	0.25%	0.16%	0.21%	0.21%	0.23%	0.25%	0.27%	0.29%	0.32%
2095	0.09%	0.24%	0.15%	0.19%	0.19%	0.20%	0.23%	0.25%	0.27%	0.28%
2096	0.07%	0.20%	0.12%	0.16%	0.16%	0.18%	0.20%	0.22%	0.24%	0.27%
2097	0.07%	0.19%	0.10%	0.15%	0.14%	0.16%	0.18%	0.20%	0.22%	0.24%
2098	0.05%	0.16%	0.09%	0.13%	0.12%	0.14%	0.16%	0.18%	0.19%	0.22%
2099	0.05%	0.13%	0.07%	0.11%	0.11%	0.12%	0.14%	0.16%	0.17%	0.19%
2100	0.04%	0.12%	0.06%	0.10%	0.09%	0.11%	0.12%	0.13%	0.15%	0.17%
2101	0.03%	0.10%	0.05%	0.08%	0.08%	0.09%	0.10%	0.12%	0.13%	0.15%
2102	0.02%	0.08%	0.04%	0.07%	0.07%	0.08%	0.09%	0.10%	0.12%	0.13%
2103	0.02%	0.07%	0.03%	0.05%	0.05%	0.06%	0.08%	0.09%	0.10%	0.11%
2104	0.02%	0.06%	0.02%	0.05%	0.04%	0.05%	0.06%	0.07%	0.09%	0.10%
2105	0.01%	0.05%	0.02%	0.04%	0.04%	0.04%	0.05%	0.06%	0.07%	0.08%
2106	0.01%	0.03%	0.01%	0.03%	0.03%	0.03%	0.04%	0.05%	0.06%	0.07%
2107	0.01%	0.03%	0.01%	0.02%	0.02%	0.03%	0.03%	0.04%	0.05%	0.06%
2108	0.02%	0.02%	0.01%	0.02%	0.02%	0.02%	0.03%	0.03%	0.04%	0.05%
2109	0.00%	0.05%	0.00%	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%	0.04%
2110	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%
2111	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%
2112	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.01%	0.02%	0.02%
2113	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.01%	0.02%
2114	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.01%
2115	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%
2116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%
2117	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%
2118	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2120	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 1999	Birth Year 2000	Birth Year 2001	Birth Year 2002	Birth Year 2003	Birth Year 2004	Birth Year 2005	Birth Year 2006	Birth Year 2007	Birth Year 2008
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality										
2021	2.49%	1.82%	2.91%	2.85%	3.57%	2.38%	3.28%	2.93%	3.29%	1.97%
2022	3.08%	2.04%	2.56%	2.29%	2.82%	1.65%	2.64%	1.85%	2.93%	1.31%
2023	3.46%	2.56%	2.77%	2.72%	4.17%	2.49%	2.73%	2.82%	3.58%	2.31%
2024	3.67%	4.14%	2.69%	3.49%	3.97%	2.42%	2.47%	2.72%	3.37%	2.26%
2025	3.54%	4.06%	2.91%	3.59%	4.89%	2.66%	2.35%	2.91%	3.62%	2.44%
2026	4.14%	3.72%	2.58%	3.26%	4.55%	2.88%	1.94%	2.71%	3.03%	2.18%
2027	5.22%	4.50%	3.83%	4.16%	5.72%	3.85%	3.49%	3.41%	4.16%	2.92%
2028	3.84%	3.33%	2.78%	3.11%	4.14%	2.74%	2.59%	2.90%	2.80%	2.09%
2029	3.72%	3.16%	2.72%	3.13%	3.98%	2.70%	2.38%	2.91%	2.77%	2.06%
2030	3.81%	3.25%	3.05%	3.33%	4.23%	3.03%	2.51%	3.13%	3.10%	2.51%
2031	3.44%	2.82%	2.56%	2.91%	3.64%	2.43%	2.10%	2.73%	2.49%	2.17%
2032	3.32%	2.68%	2.50%	2.85%	3.49%	2.39%	2.34%	2.65%	2.37%	2.13%
2033	3.18%	2.52%	2.42%	2.72%	3.30%	2.32%	2.16%	2.56%	2.25%	2.08%
2034	3.70%	2.96%	3.03%	3.32%	4.13%	3.17%	2.63%	3.01%	3.30%	2.47%
2035	2.94%	2.35%	2.53%	2.72%	3.22%	2.46%	2.15%	2.60%	2.60%	2.44%
2036	2.81%	2.13%	2.21%	2.46%	2.82%	2.16%	1.98%	2.33%	2.23%	2.21%
2037	2.69%	2.02%	2.50%	2.36%	2.67%	2.11%	2.06%	2.25%	2.12%	2.16%
2038	2.58%	1.91%	2.44%	2.29%	2.54%	2.07%	2.01%	2.32%	2.04%	2.11%
2039	2.46%	1.81%	2.35%	2.20%	2.38%	2.00%	1.94%	2.23%	1.94%	2.06%
2040	2.50%	1.86%	2.61%	2.35%	2.52%	2.28%	2.14%	2.38%	2.16%	2.25%
2041	2.73%	1.93%	2.54%	2.56%	2.80%	2.67%	2.29%	2.48%	2.41%	2.32%
2042	2.14%	1.53%	2.15%	1.95%	1.99%	1.85%	1.78%	2.01%	1.70%	1.91%
2043	2.03%	1.90%	2.08%	1.88%	1.86%	1.80%	1.73%	1.94%	1.63%	1.87%
2044	1.94%	1.82%	2.02%	1.83%	1.76%	1.76%	1.75%	1.87%	1.69%	1.82%
2045	1.83%	1.79%	2.13%	1.86%	1.76%	1.89%	1.74%	1.93%	1.80%	1.92%
2046	1.74%	1.67%	1.88%	1.67%	1.52%	1.65%	1.60%	1.74%	1.56%	1.73%
2047	1.65%	1.60%	1.82%	1.61%	1.43%	1.62%	1.57%	1.68%	1.50%	1.69%
2048	1.89%	1.68%	1.97%	1.84%	1.74%	2.18%	1.91%	1.89%	1.92%	1.92%
2049	1.46%	1.47%	1.69%	1.48%	1.22%	1.51%	1.47%	1.55%	1.38%	1.59%
2050	1.46%	1.50%	1.88%	1.57%	1.28%	1.72%	1.60%	1.65%	1.55%	1.74%
2051	1.29%	1.36%	1.56%	1.35%	1.04%	1.42%	1.39%	1.44%	1.28%	1.50%
2052	1.21%	1.31%	1.50%	1.30%	0.95%	1.37%	1.40%	1.38%	1.23%	1.46%
2053	1.13%	1.26%	1.45%	1.24%	0.88%	1.33%	1.49%	1.37%	1.19%	1.42%
2054	1.05%	1.21%	1.38%	1.18%	0.80%	1.46%	1.44%	1.32%	1.14%	1.38%
2055	1.19%	1.26%	1.61%	1.45%	1.02%	2.03%	1.76%	1.52%	1.59%	1.70%
2056	0.90%	1.13%	1.27%	1.14%	0.66%	1.37%	1.41%	1.21%	1.06%	1.52%
2057	0.83%	1.09%	1.21%	1.07%	0.59%	1.31%	1.32%	1.16%	1.02%	1.47%
2058	0.77%	1.05%	1.15%	1.02%	0.53%	1.26%	1.29%	1.11%	0.98%	1.42%
2059	0.70%	1.01%	1.10%	0.97%	0.48%	1.22%	1.26%	1.07%	0.94%	1.38%
2060	0.68%	1.03%	1.21%	1.02%	0.47%	1.34%	1.35%	1.11%	1.05%	1.47%
2061	0.58%	0.94%	0.99%	0.87%	0.37%	1.12%	1.17%	0.97%	0.87%	1.29%
2062	0.65%	0.93%	1.03%	0.94%	0.43%	1.44%	1.35%	1.04%	1.12%	1.41%
2063	0.48%	0.88%	0.88%	0.78%	0.28%	1.02%	1.09%	0.89%	0.80%	1.20%
2064	0.43%	0.85%	0.83%	0.74%	0.24%	0.98%	1.08%	0.84%	0.76%	1.16%
2065	0.38%	0.84%	0.87%	0.74%	0.23%	1.02%	1.08%	0.85%	0.82%	1.19%
2066	0.34%	0.78%	0.73%	0.65%	0.18%	0.88%	0.98%	0.76%	0.70%	1.07%
2067	0.30%	0.75%	0.69%	0.61%	0.15%	0.84%	0.94%	0.73%	0.67%	1.03%
2068	0.26%	0.72%	0.64%	0.57%	0.13%	0.80%	0.93%	0.69%	0.64%	0.98%
2069	0.28%	0.70%	0.64%	0.58%	0.14%	0.99%	1.01%	0.71%	0.82%	1.05%
2070	0.21%	0.70%	0.64%	0.54%	0.09%	0.81%	0.90%	0.67%	0.68%	0.99%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 1999	Birth Year 2000	Birth Year 2001	Birth Year 2002	Birth Year 2003	Birth Year 2004	Birth Year 2005	Birth Year 2006	Birth Year 2007	Birth Year 2008
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality										
2071	0.17%	0.63%	0.51%	0.46%	0.07%	0.67%	0.79%	0.58%	0.55%	0.86%
2072	0.14%	0.60%	0.47%	0.43%	0.05%	0.62%	0.77%	0.55%	0.52%	0.81%
2073	0.12%	0.57%	0.43%	0.40%	0.04%	0.58%	0.71%	0.52%	0.49%	0.77%
2074	0.10%	0.54%	0.39%	0.37%	0.03%	0.54%	0.68%	0.49%	0.47%	0.73%
2075	0.08%	0.53%	0.40%	0.36%	0.03%	0.54%	0.66%	0.48%	0.49%	0.74%
2076	0.08%	0.49%	0.34%	0.33%	0.02%	0.60%	0.70%	0.45%	0.56%	0.72%
2077	0.05%	0.45%	0.29%	0.29%	0.01%	0.43%	0.56%	0.40%	0.39%	0.62%
2078	0.04%	0.42%	0.25%	0.26%	0.01%	0.39%	0.52%	0.37%	0.36%	0.58%
2079	0.03%	0.39%	0.23%	0.24%	0.01%	0.35%	0.49%	0.34%	0.34%	0.54%
2080	0.03%	0.38%	0.23%	0.23%	0.00%	0.36%	0.50%	0.34%	0.37%	0.55%
2081	0.02%	0.34%	0.17%	0.20%	0.00%	0.29%	0.42%	0.29%	0.29%	0.47%
2082	0.01%	0.31%	0.15%	0.18%	0.00%	0.26%	0.38%	0.27%	0.27%	0.43%
2083	0.01%	0.28%	0.13%	0.16%	0.00%	0.29%	0.39%	0.25%	0.34%	0.44%
2084	0.01%	0.25%	0.11%	0.14%	0.00%	0.20%	0.33%	0.23%	0.23%	0.37%
2085	0.00%	0.23%	0.10%	0.13%	0.00%	0.19%	0.30%	0.21%	0.23%	0.35%
2086	0.00%	0.20%	0.07%	0.11%	0.00%	0.15%	0.26%	0.19%	0.19%	0.30%
2087	0.00%	0.18%	0.06%	0.10%	0.00%	0.13%	0.23%	0.17%	0.17%	0.27%
2088	0.00%	0.15%	0.05%	0.09%	0.00%	0.11%	0.21%	0.15%	0.15%	0.25%
2089	0.00%	0.13%	0.04%	0.08%	0.00%	0.09%	0.18%	0.13%	0.14%	0.22%
2090	0.00%	0.12%	0.03%	0.07%	0.00%	0.10%	0.18%	0.13%	0.18%	0.23%
2091	0.00%	0.09%	0.02%	0.06%	0.00%	0.06%	0.14%	0.10%	0.10%	0.17%
2092	0.00%	0.08%	0.02%	0.05%	0.00%	0.05%	0.12%	0.09%	0.09%	0.15%
2093	0.00%	0.06%	0.01%	0.04%	0.00%	0.04%	0.10%	0.07%	0.08%	0.13%
2094	0.00%	0.05%	0.01%	0.03%	0.00%	0.03%	0.08%	0.06%	0.06%	0.11%
2095	0.00%	0.04%	0.01%	0.03%	0.00%	0.03%	0.07%	0.05%	0.06%	0.10%
2096	0.00%	0.03%	0.00%	0.02%	0.00%	0.02%	0.06%	0.04%	0.04%	0.08%
2097	0.00%	0.02%	0.00%	0.02%	0.00%	0.02%	0.05%	0.04%	0.05%	0.07%
2098	0.00%	0.02%	0.00%	0.01%	0.00%	0.01%	0.04%	0.03%	0.03%	0.05%
2099	0.00%	0.05%	0.00%	0.01%	0.00%	0.01%	0.03%	0.02%	0.02%	0.04%
2100	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.02%	0.02%	0.02%	0.03%
2101	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.01%	0.01%	0.02%
2102	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.02%
2103	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%
2104	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.01%	0.01%
2105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%
2106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2107	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
2108	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2110	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2111	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2112	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2113	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2114	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2115	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2117	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2118	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2120	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense

Exhibit I

Based on NICA Reserve Worksheets and Mortality Rates

Sheet 4a

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 1989	Birth Year 1990	Birth Year 1991	Birth Year 1992	Birth Year 1993	Birth Year 1994	Birth Year 1995	Birth Year 1996	Birth Year 1997	Birth Year 1998
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality										
2021	3.10%	2.91%	3.10%	2.87%	4.36%	2.80%	2.74%	2.50%	2.58%	2.91%
2022	2.90%	3.74%	3.24%	2.78%	3.87%	2.06%	2.69%	2.44%	2.41%	2.73%
2023	3.14%	5.19%	3.32%	3.28%	4.05%	2.06%	3.22%	3.35%	2.91%	2.81%
2024	3.07%	4.96%	3.23%	3.26%	4.03%	2.06%	3.16%	3.09%	3.07%	2.74%
2025	3.27%	5.13%	3.61%	3.56%	3.97%	2.24%	3.25%	4.04%	3.23%	3.05%
2026	2.99%	4.61%	3.15%	3.10%	3.47%	2.03%	3.13%	3.71%	2.94%	2.79%
2027	4.57%	5.35%	4.47%	4.25%	3.97%	2.91%	4.24%	4.58%	3.82%	3.66%
2028	2.86%	4.21%	2.96%	2.99%	3.01%	1.97%	2.96%	3.31%	2.78%	2.66%
2029	2.99%	4.06%	2.99%	3.05%	2.84%	1.96%	2.91%	3.16%	2.71%	2.54%
2030	3.20%	4.31%	3.46%	3.50%	2.99%	2.19%	3.10%	3.50%	2.94%	2.71%
2031	2.85%	3.68%	2.95%	2.96%	2.54%	1.90%	2.75%	3.06%	2.58%	2.46%
2032	2.79%	3.54%	2.86%	2.95%	2.51%	1.89%	2.70%	2.94%	2.51%	2.45%
2033	2.72%	3.35%	2.77%	2.79%	2.38%	1.85%	2.62%	2.81%	2.44%	2.32%
2034	3.56%	3.89%	3.28%	3.28%	2.79%	2.66%	3.03%	3.45%	3.15%	2.97%
2035	2.77%	3.29%	2.86%	2.94%	2.37%	2.00%	2.63%	2.68%	2.50%	2.41%
2036	2.51%	2.87%	2.80%	2.71%	2.09%	1.78%	2.42%	2.48%	2.24%	2.28%
2037	2.44%	2.71%	2.71%	2.56%	2.01%	1.75%	2.36%	2.39%	2.17%	2.16%
2038	2.38%	2.58%	2.62%	2.49%	1.94%	1.74%	2.30%	2.30%	2.11%	2.11%
2039	2.30%	2.42%	2.52%	2.39%	1.86%	1.70%	2.23%	2.21%	2.05%	2.12%
2040	2.47%	2.55%	2.72%	2.70%	2.03%	1.90%	2.38%	2.32%	2.23%	2.35%
2041	2.92%	2.64%	2.55%	2.68%	2.14%	2.41%	2.48%	2.61%	2.56%	2.66%
2042	2.10%	2.00%	2.24%	2.14%	1.68%	1.62%	2.05%	1.97%	1.86%	1.99%
2043	2.03%	1.87%	2.15%	2.06%	1.62%	1.59%	1.99%	1.90%	1.80%	1.94%
2044	1.96%	1.75%	2.07%	2.04%	1.57%	1.57%	1.93%	1.83%	1.75%	1.94%
2045	2.05%	1.75%	2.15%	2.10%	1.77%	1.68%	1.97%	1.82%	2.10%	1.92%
2046	1.82%	1.50%	1.89%	1.81%	1.58%	1.50%	1.81%	1.69%	1.87%	1.78%
2047	1.76%	1.39%	1.81%	1.74%	1.54%	1.79%	1.75%	1.63%	1.82%	1.74%
2048	2.27%	1.58%	1.86%	2.03%	1.80%	2.08%	1.95%	1.96%	2.10%	2.15%
2049	1.62%	1.16%	1.64%	1.58%	1.44%	1.70%	1.63%	1.50%	1.69%	1.63%
2050	1.73%	1.20%	1.73%	1.72%	1.57%	1.86%	1.73%	1.57%	1.83%	1.73%
2051	1.48%	0.96%	1.47%	1.43%	1.35%	1.62%	1.52%	1.37%	1.57%	1.53%
2052	1.41%	0.87%	1.39%	1.39%	1.30%	2.03%	1.46%	1.32%	1.52%	1.53%
2053	1.35%	0.79%	1.32%	1.28%	1.26%	1.99%	1.41%	1.26%	1.46%	1.44%
2054	1.28%	0.70%	1.24%	1.21%	1.22%	1.93%	1.35%	1.20%	1.40%	1.39%
2055	1.75%	0.84%	1.35%	1.47%	1.52%	2.28%	1.54%	1.47%	1.72%	1.74%
2056	1.15%	0.55%	1.09%	1.11%	1.13%	1.83%	1.24%	1.10%	1.30%	1.33%
2057	1.08%	0.48%	1.02%	1.00%	1.09%	1.77%	1.18%	1.04%	1.24%	1.24%
2058	1.02%	0.42%	0.95%	0.94%	1.05%	1.71%	1.12%	0.99%	1.18%	1.19%
2059	0.96%	0.37%	0.88%	0.88%	1.01%	1.67%	1.07%	0.94%	1.13%	1.15%
2060	1.01%	0.36%	0.90%	0.96%	1.08%	1.73%	1.10%	0.96%	1.21%	1.23%
2061	0.83%	0.26%	0.75%	0.75%	0.92%	1.54%	0.96%	0.84%	1.03%	1.05%
2062	1.05%	0.29%	0.74%	0.82%	1.05%	1.72%	1.02%	0.97%	1.14%	1.26%
2063	0.71%	0.19%	0.63%	0.64%	0.84%	1.43%	0.85%	0.74%	0.93%	0.95%
2064	0.66%	0.15%	0.58%	0.61%	0.79%	1.37%	0.80%	0.69%	0.88%	0.94%
2065	0.67%	0.14%	0.56%	0.59%	0.82%	1.38%	0.79%	0.67%	0.91%	0.90%
2066	0.55%	0.10%	0.47%	0.50%	0.71%	1.24%	0.70%	0.60%	0.78%	0.81%
2067	0.50%	0.08%	0.42%	0.45%	0.67%	1.18%	0.65%	0.56%	0.73%	0.77%
2068	0.45%	0.06%	0.38%	0.43%	0.63%	1.13%	0.60%	0.52%	0.69%	0.75%
2069	0.55%	0.06%	0.35%	0.42%	0.69%	1.23%	0.61%	0.58%	0.74%	0.85%
2070	0.41%	0.04%	0.32%	0.38%	0.61%	1.07%	0.54%	0.47%	0.67%	0.69%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 1989	Birth Year 1990	Birth Year 1991	Birth Year 1992	Birth Year 1993	Birth Year 1994	Birth Year 1995	Birth Year 1996	Birth Year 1997	Birth Year 1998
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality										
2071	0.31%	0.03%	0.26%	0.30%	0.51%	0.94%	0.46%	0.39%	0.55%	0.59%
2072	0.27%	0.02%	0.22%	0.28%	0.47%	0.87%	0.41%	0.35%	0.51%	0.57%
2073	0.24%	0.01%	0.19%	0.24%	0.43%	0.81%	0.37%	0.32%	0.47%	0.51%
2074	0.20%	0.01%	0.16%	0.21%	0.39%	0.75%	0.33%	0.28%	0.43%	0.47%
2075	0.20%	0.01%	0.14%	0.20%	0.38%	0.72%	0.31%	0.26%	0.43%	0.44%
2076	0.20%	0.01%	0.11%	0.18%	0.37%	0.73%	0.28%	0.26%	0.41%	0.50%
2077	0.12%	0.00%	0.09%	0.15%	0.29%	0.57%	0.22%	0.19%	0.32%	0.35%
2078	0.10%	0.00%	0.07%	0.13%	0.25%	0.52%	0.19%	0.16%	0.28%	0.31%
2079	0.08%	0.00%	0.05%	0.11%	0.22%	0.46%	0.17%	0.14%	0.25%	0.28%
2080	0.07%	0.00%	0.04%	0.11%	0.22%	0.44%	0.15%	0.13%	0.25%	0.28%
2081	0.05%	0.00%	0.03%	0.08%	0.17%	0.36%	0.12%	0.10%	0.19%	0.21%
2082	0.04%	0.00%	0.02%	0.07%	0.14%	0.31%	0.10%	0.08%	0.17%	0.19%
2083	0.04%	0.00%	0.02%	0.06%	0.14%	0.31%	0.08%	0.07%	0.16%	0.20%
2084	0.02%	0.00%	0.01%	0.05%	0.10%	0.23%	0.06%	0.05%	0.12%	0.14%
2085	0.02%	0.00%	0.01%	0.05%	0.09%	0.20%	0.05%	0.04%	0.11%	0.12%
2086	0.01%	0.00%	0.00%	0.04%	0.07%	0.16%	0.04%	0.03%	0.08%	0.09%
2087	0.01%	0.00%	0.00%	0.03%	0.06%	0.13%	0.03%	0.02%	0.07%	0.07%
2088	0.02%	0.00%	0.00%	0.03%	0.04%	0.10%	0.02%	0.02%	0.05%	0.06%
2089	0.00%	0.00%	0.00%	0.02%	0.03%	0.08%	0.01%	0.01%	0.04%	0.05%
2090	0.00%	0.00%	0.00%	0.02%	0.03%	0.07%	0.01%	0.01%	0.04%	0.05%
2091	0.00%	0.00%	0.00%	0.06%	0.02%	0.05%	0.01%	0.01%	0.02%	0.03%
2092	0.00%	0.00%	0.00%	0.00%	0.06%	0.03%	0.00%	0.00%	0.02%	0.02%
2093	0.00%	0.00%	0.00%	0.00%	0.00%	0.08%	0.00%	0.00%	0.01%	0.01%
2094	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
2095	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
2096	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
2097	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
2098	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2099	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2102	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2103	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2104	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2107	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2108	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2110	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2111	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2112	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2113	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2114	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2115	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2117	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2118	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2120	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996 - Estimated Remaining Payment (Reserves)

Estimated Loss & Expense Payments - 2021 Level - After Consideration of Mortality

Claim Number	207	220	242	253	335	361		Annual
Date of Birth	06/26/96	08/06/96	12/31/96	09/17/96	02/25/96	07/13/96		Basis
Life Expectancy @ 12/31/20	34.50	32.13	14.17	4.52	8.85	25.92		Percent
Sex	M	M	M	M	F	F	Totals	of Total
	-----	-----	-----	-----	-----	-----	-----	By Year
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Attained Age	Incremental Payments By Claim By Year - 2021 Level - After Mortality (a)							
25	128,481	143,016	66,331	39,535	165,211	132,444	675,017	3.31%
26	117,209	141,073	62,938	12,234	125,184	33,812	492,450	2.41%
27	118,709	144,853	62,862	134,716	123,527	92,630	677,298	3.32%
28	117,266	140,490	58,106	108,297	111,339	90,106	625,605	3.07%
29	192,164	138,464	181,669	86,775	107,459	110,434	816,965	4.01%
30	189,723	136,881	172,841	69,270	94,267	86,450	749,432	3.68%
31	187,257	197,709	209,514	70,045	118,928	143,731	927,184	4.55%
32	184,765	132,284	152,401	43,081	75,644	81,945	670,120	3.29%
33	182,248	130,629	144,376	33,752	67,808	80,327	639,140	3.13%
34	185,870	140,418	140,242	26,686	69,427	144,773	707,416	3.47%
35	177,139	125,957	126,169	20,182	53,593	115,966	619,006	3.04%
36	174,547	124,233	118,964	15,485	47,656	113,284	594,168	2.91%
37	171,928	121,658	110,344	11,742	42,005	109,862	567,539	2.78%
38	169,283	175,816	133,252	11,324	52,147	156,578	698,400	3.42%
39	166,612	117,689	96,522	6,628	33,558	121,416	542,424	2.66%
40	163,915	115,088	89,031	4,900	28,461	100,796	502,191	2.46%
41	161,190	112,865	82,557	3,596	24,822	97,799	482,829	2.37%
42	158,434	110,997	76,948	2,617	21,627	95,129	465,753	2.28%
43	155,647	108,364	70,507	1,876	18,657	91,841	446,893	2.19%
44	158,068	116,299	67,649	1,358	18,512	108,099	469,985	2.30%
45	149,966	153,053	77,610	1,196	19,453	126,240	527,518	2.59%
46	147,068	101,447	54,566	644	11,757	83,000	398,481	1.95%
47	144,128	99,091	49,795	438	9,978	80,079	383,508	1.88%
48	141,144	97,033	45,618	293	8,445	77,428	369,961	1.81%
49	138,111	94,294	41,030	192	7,269	86,631	367,527	1.80%
50	135,029	91,850	37,024	124	5,885	71,397	341,308	1.67%
51	131,894	89,674	33,510	78	4,884	68,760	328,800	1.61%
52	128,706	127,816	38,515	61	5,634	96,274	397,006	1.95%
53	125,463	84,321	26,469	28	3,259	62,856	302,396	1.48%
54	126,356	89,895	24,585	17	3,041	73,234	317,128	1.56%
55	118,813	79,140	20,614	9	2,109	57,270	277,955	1.36%
56	115,404	76,503	18,027	5	1,673	54,517	266,129	1.31%
57	111,938	74,083	15,775	3	1,318	51,965	255,081	1.25%
58	108,417	71,136	13,505	1	1,020	49,099	243,179	1.19%
59	104,843	100,667	14,964	1	1,125	75,790	297,390	1.46%
60	101,218	65,886	9,882	0	594	43,960	221,540	1.09%
61	97,543	62,895	8,252	0	442	41,228	210,360	1.03%
62	93,819	60,106	6,874	0	325	38,684	199,808	0.98%
63	90,046	57,491	5,707	0	235	36,308	189,788	0.93%
64	89,184	59,721	4,808	0	192	41,040	194,944	0.96%
65	82,361	51,638	3,709	0	116	31,356	169,180	0.83%
66	78,456	71,963	3,828	0	111	42,644	197,002	0.97%
67	74,519	45,950	2,295	0	52	26,766	149,582	0.73%
68	70,564	43,117	1,762	0	34	24,574	140,050	0.69%
69	66,604	40,442	1,339	0	22	26,268	134,676	0.66%
70	62,653	37,529	985	0	13	20,424	121,603	0.60%
71	58,718	34,791	714	-	8	18,473	112,704	0.55%
72	54,806	32,207	510	-	4	16,665	104,193	0.51%
73	50,927	43,349	452	-	3	21,749	116,481	0.57%
74	48,706	29,471	244	-	1	16,009	94,432	0.46%
Subtotals:	6,307,858	4,841,339	2,786,194	707,189	1,488,835	3,668,110	19,799,525	97.09%

Note: (a) Product of estimated payments (2021 level) shown on Appendix A, Exhibit II, Sheets 3a and 3b and survival probabilities shown on Appendix A, Exhibit II, Sheets 2a and 2b.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996 - Estimated Remaining Payment (Reserves)

Estimated Loss & Expense Payments - 2021 Level - After Consideration of Mortality

Claim Number	207	220	242	253	335	361		
Date of Birth	06/26/96	08/06/96	12/31/96	09/17/96	02/25/96	07/13/96		Percent
Life Expectancy @ 12/31/20	34.50	32.13	14.17	4.52	8.85	25.92		of Total
Sex	M	M	M	M	F	F	Totals	By Year
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Incremental Payments By Claim By Year - 2021 Level - After Mortality (a)								
75	43,310	24,457	153	-	1	11,625	79,546	0.39%
76	39,601	21,950	95	-	0	10,111	71,757	0.35%
77	35,980	19,618	57	-	0	8,739	64,395	0.32%
78	32,467	17,452	33	-	0	7,499	57,452	0.28%
79	29,083	15,288	18	-	0	7,369	51,758	0.25%
80	25,844	19,585	12	-	0	7,728	53,169	0.26%
81	22,767	11,508	4	-	0	4,351	38,630	0.19%
82	19,867	9,772	2	-	0	3,508	33,149	0.16%
83	17,157	8,224	1	-	0	2,786	28,168	0.14%
84	15,154	7,509	0	-	0	2,643	25,306	0.12%
85	12,358	5,587	0	-	-	1,646	19,591	0.10%
86	10,285	4,498	0	-	-	1,217	16,001	0.08%
87	8,436	5,249	0	-	-	1,283	14,967	0.07%
88	6,809	2,762	0	-	-	606	10,176	0.05%
89	5,401	2,098	0	-	-	471	7,970	0.04%
90	4,203	1,563	0	-	-	259	6,025	0.03%
91	3,204	1,127	-	-	-	156	4,488	0.02%
92	2,387	794	-	-	-	89	3,270	0.02%
93	1,735	544	-	-	-	48	2,327	0.01%
94	1,270	561	-	-	-	40	1,870	0.01%
95	843	228	-	-	-	11	1,081	0.01%
96	561	140	-	-	-	4	705	0.00%
97	361	81	-	-	-	2	444	0.00%
98	224	46	-	-	-	0	270	0.00%
99	133	24	-	-	-	0	158	0.00%
100	76	12	-	-	-	0	88	0.00%
101	43	9	-	-	-	0	52	0.00%
102	25	3	-	-	-	0	28	0.00%
103	14	2	-	-	-	0	16	0.00%
104	8	1	-	-	-	0	9	0.00%
105	5	0	-	-	-	0	5	0.00%
106	3	0	-	-	-	0	3	0.00%
107	1	0	-	-	-	0	2	0.00%
108	1	0	-	-	-	0	1	0.00%
109	0	0	-	-	-	0	0	0.00%
110	0	0	-	-	-	0	0	0.00%
111	0	0	-	-	-	0	0	0.00%
112	0	0	-	-	-	0	0	0.00%
113	0	0	-	-	-	0	0	0.00%
114	0	0	-	-	-	0	0	0.00%
115	0	0	-	-	-	0	0	0.00%
116	0	0	-	-	-	0	0	0.00%
117	0	0	-	-	-	0	0	0.00%
118	0	0	-	-	-	0	0	0.00%
119	0	0	-	-	-	0	0	0.00%
120	0	0	-	-	-	0	0	0.00%
121	0	0	-	-	-	0	0	0.00%
122	0	0	-	-	-	0	0	0.00%
123	0	0	-	-	-	0	0	0.00%
124	0	0	-	-	-	0	0	0.00%
Subtotals:	339,616	180,691	375	-	1	72,193	592,877	2.91%
Totals All:	6,647,474	5,022,030	2,786,569	707,189	1,488,836	3,740,304	#####	100.00%

Note: (a) Product of estimated payments (2021 level) shown on Appendix A, Exhibit II, Sheets 3a and 3b and survival probabilities shown on Appendix A, Exhibit II, Sheets 2a and 2b.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Exhibit II
Sheet 2a

Sample Calculation of Payment Pattern - Birth Year 1996

Probability of Survival - Assuming Attained Age 24

Claim Number	207	220	242	253	335	361
Date of Birth	06/26/96	08/06/96	12/31/96	09/17/96	02/25/96	07/13/96
Life Expectancy @ 12/31/20	34.50	32.13	14.17	4.52	8.85	25.92
Sex	M	M	M	M	F	F
	-----	-----	-----	-----	-----	-----
	(2)	(3)	(4)	(5)	(6)	(7)

Attained Age

25	0.98851	0.98666	0.94975	0.81609	0.90922	0.97889
26	0.97695	0.97325	0.90117	0.66332	0.82518	0.95784
27	0.96532	0.95979	0.85422	0.53683	0.74749	0.93687
28	0.95359	0.94624	0.80883	0.43242	0.67578	0.91597
29	0.94175	0.93260	0.76491	0.34648	0.60968	0.89513
30	0.92979	0.91884	0.72242	0.27603	0.54885	0.87436
31	0.91770	0.90496	0.68134	0.21858	0.49296	0.85365
32	0.90549	0.89097	0.64168	0.17202	0.44170	0.83301
33	0.89315	0.87687	0.60344	0.13450	0.39480	0.81244
34	0.88069	0.86266	0.56663	0.10447	0.35197	0.79194
35	0.86812	0.84835	0.53123	0.08058	0.31295	0.77152
36	0.85541	0.83393	0.49723	0.06170	0.27747	0.75118
37	0.84258	0.81940	0.46460	0.04688	0.24528	0.73091
38	0.82962	0.80475	0.43333	0.03534	0.21615	0.71072
39	0.81652	0.79000	0.40343	0.02641	0.18986	0.69062
40	0.80331	0.77515	0.37486	0.01957	0.16619	0.67060
41	0.78995	0.76018	0.34760	0.01436	0.14494	0.65066
42	0.77645	0.74509	0.32162	0.01043	0.12592	0.63080
43	0.76279	0.72986	0.29687	0.00749	0.10895	0.61102
44	0.74896	0.71449	0.27332	0.00532	0.09385	0.59133
45	0.73495	0.69896	0.25096	0.00373	0.08047	0.57172
46	0.72074	0.68327	0.22975	0.00257	0.06865	0.55220
47	0.70634	0.66740	0.20966	0.00175	0.05826	0.53276
48	0.69171	0.65135	0.19067	0.00117	0.04917	0.51342
49	0.67685	0.63510	0.17275	0.00077	0.04124	0.49416
50	0.66174	0.61863	0.15589	0.00049	0.03436	0.47500
51	0.64638	0.60195	0.14006	0.00031	0.02844	0.45595
52	0.63076	0.58505	0.12525	0.00019	0.02335	0.43700
53	0.61486	0.56792	0.11145	0.00011	0.01903	0.41818
54	0.59870	0.55058	0.09863	0.00007	0.01538	0.39951
55	0.58227	0.53303	0.08680	0.00004	0.01232	0.38102
56	0.56557	0.51527	0.07590	0.00002	0.00977	0.36270
57	0.54858	0.49729	0.06593	0.00001	0.00767	0.34458
58	0.53133	0.47912	0.05686	0.00001	0.00596	0.32666
59	0.51381	0.46078	0.04866	0.00000	0.00457	0.30896
60	0.49605	0.44227	0.04130	0.00000	0.00346	0.29149
61	0.47804	0.42362	0.03474	0.00000	0.00258	0.27429
62	0.45978	0.40483	0.02894	0.00000	0.00190	0.25737
63	0.44130	0.38592	0.02385	0.00000	0.00137	0.24076
64	0.42257	0.36690	0.01943	0.00000	0.00097	0.22450
65	0.40363	0.34780	0.01562	0.00000	0.00068	0.20861
66	0.38449	0.32864	0.01238	0.00000	0.00046	0.19313
67	0.36520	0.30948	0.00966	0.00000	0.00031	0.17807
68	0.34582	0.29040	0.00742	0.00000	0.00020	0.16349
69	0.32641	0.27148	0.00560	0.00000	0.00012	0.14941
70	0.30705	0.25277	0.00415	0.00000	0.00008	0.13588
71	0.28776	0.23433	0.00301	0.00000	0.00004	0.12290
72	0.26859	0.21619	0.00213	0.00000	0.00003	0.11051
73	0.24958	0.19842	0.00147	0.00000	0.00001	0.09872
74	0.23078	0.18106	0.00099	0.00000	0.00001	0.08757

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996

Probability of Survival - Assuming Attained Age 24

Claim Number	207	220	242	253	335	361
Date of Birth	06/26/96	08/06/96	12/31/96	09/17/96	02/25/96	07/13/96
Life Expectancy @ 12/31/20	34.50	32.13	14.17	4.52	8.85	25.92
Sex	M	M	M	M	F	F
	-----	-----	-----	-----	-----	-----
	(2)	(3)	(4)	(5)	(6)	(7)

Attained Age

75	0.21225	0.16417	0.00064	0.00000	0.00000	0.07708
76	0.19407	0.14784	0.00040	0.00000	0.00000	0.06727
77	0.17633	0.13214	0.00024	0.00000	0.00000	0.05814
78	0.15912	0.11715	0.00014	0.00000	0.00000	0.04973
79	0.14253	0.10297	0.00007	0.00000	0.00000	0.04204
80	0.12666	0.08965	0.00004	0.00000	0.00000	0.03508
81	0.11157	0.07725	0.00002	0.00000	0.00000	0.02885
82	0.09736	0.06582	0.00001	0.00000	0.00000	0.02334
83	0.08408	0.05539	0.00000	0.00000	0.00000	0.01854
84	0.07180	0.04599	0.00000	0.00000	0.00000	0.01442
85	0.06056	0.03763	0.00000	0.00000	0.00000	0.01095
86	0.05041	0.03030	0.00000	0.00000	0.00000	0.00810
87	0.04134	0.02397	0.00000	0.00000	0.00000	0.00581
88	0.03337	0.01860	0.00000	0.00000	0.00000	0.00403
89	0.02647	0.01413	0.00000	0.00000	0.00000	0.00269
90	0.02060	0.01049	0.00000	0.00000	0.00000	0.00171
91	0.01570	0.00759	0.00000	0.00000	0.00000	0.00104
92	0.01170	0.00535	0.00000	0.00000	0.00000	0.00060
93	0.00850	0.00365	0.00000	0.00000	0.00000	0.00032
94	0.00602	0.00241	0.00000	0.00000	0.00000	0.00016
95	0.00413	0.00153	0.00000	0.00000	0.00000	0.00007
96	0.00275	0.00094	0.00000	0.00000	0.00000	0.00003
97	0.00177	0.00055	0.00000	0.00000	0.00000	0.00001
98	0.00110	0.00031	0.00000	0.00000	0.00000	0.00000
99	0.00065	0.00016	0.00000	0.00000	0.00000	0.00000
100	0.00037	0.00008	0.00000	0.00000	0.00000	0.00000
101	0.00021	0.00004	0.00000	0.00000	0.00000	0.00000
102	0.00012	0.00002	0.00000	0.00000	0.00000	0.00000
103	0.00007	0.00001	0.00000	0.00000	0.00000	0.00000
104	0.00004	0.00001	0.00000	0.00000	0.00000	0.00000
105	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000
106	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
107	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
108	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
109	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
110	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
111	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
112	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
113	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
114	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
115	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
116	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
117	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
118	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
119	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
120	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
121	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
122	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
123	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
124	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996

Estimated Loss & Expense Payments - 2021 Level - Before Consideration of Mortality

Claim Number	207	220	242	253	335	361		
Date of Birth	06/26/96	08/06/96	12/31/96	09/17/96	02/25/96	07/13/96		
Life Expectancy @ 12/31/20	34.50	32.13	14.17	4.52	8.85	25.92		Percent of Total
Sex	M	M	M	M	F	F	Totals	By Year
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Attained Age	Incremental Payments By Claim By Year - 2021 Level - Before Mortality - @ 12/31/20							
25	129,974	144,950	69,840	48,444	181,706	135,300	710,214	0.59%
26	119,974	144,950	69,840	18,444	151,706	35,300	540,214	0.45%
27	122,974	150,922	73,590	250,948	165,256	98,872	862,562	0.72%
28	122,974	148,472	71,840	250,448	164,756	98,372	856,862	0.71%
29	204,050	148,472	237,504	250,448	176,254	123,372	1,140,100	0.95%
30	204,050	148,972	239,254	250,948	171,754	98,872	1,113,850	0.92%
31	204,050	218,472	307,504	320,448	241,254	168,372	1,460,100	1.21%
32	204,050	148,472	237,504	250,448	171,254	98,372	1,110,100	0.92%
33	204,050	148,972	239,254	250,948	171,754	98,872	1,113,850	0.92%
34	211,050	162,772	247,504	255,448	197,254	182,808	1,256,836	1.04%
35	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
36	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
37	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
38	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
39	204,050	148,972	239,254	250,948	176,754	175,808	1,195,786	0.99%
40	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
41	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
42	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
43	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
44	211,050	162,772	247,504	255,448	197,254	182,808	1,256,836	1.04%
45	204,050	218,972	309,254	320,948	241,754	220,808	1,515,786	1.26%
46	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
47	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
48	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
49	204,050	148,472	237,504	250,448	176,254	175,308	1,192,036	0.99%
50	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
51	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
52	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
53	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
54	211,050	163,272	249,254	255,948	197,754	183,308	1,260,586	1.05%
55	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
56	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
57	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
58	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
59	204,050	218,472	307,504	320,448	246,254	245,308	1,542,036	1.28%
60	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
61	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
62	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
63	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
64	211,050	162,772	247,504	255,448	197,254	182,808	1,256,836	1.04%
65	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
66	204,050	218,972	309,254	320,948	241,754	220,808	1,515,786	1.26%
67	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
68	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
69	204,050	148,972	239,254	250,948	176,754	175,808	1,195,786	0.99%
70	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
71	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
72	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
73	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
74	211,050	162,772	247,504	255,448	197,254	182,808	1,256,836	1.04%
Subtotals:	9,917,196	7,988,006	11,776,544	12,611,392	9,193,608	7,807,332	59,294,078	49.19%

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996

Estimated Loss & Expense Payments - 2021 Level - Before Consideration of Mortality

Claim Number	207	220	242	253	335	361		
Date of Birth	06/26/96	08/06/96	12/31/96	09/17/96	02/25/96	07/13/96		
Life Expectancy @ 12/31/20	34.50	32.13	14.17	4.52	8.85	25.92		
Sex	M	M	M	M	F	F	Totals	Percent of Total By Year
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Attained Age	Incremental Payments By Claim By Year - 2021 Level - Before Mortality - @ 12/31/20							
75	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
76	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
77	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
78	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
79	204,050	148,472	237,504	250,448	176,254	175,308	1,192,036	0.99%
80	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
81	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
82	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
83	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
84	211,050	163,272	249,254	255,948	197,754	183,308	1,260,586	1.05%
85	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
86	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
87	204,050	218,972	309,254	320,948	241,754	220,808	1,515,786	1.26%
88	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
89	204,050	148,472	237,504	250,448	176,254	175,308	1,192,036	0.99%
90	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
91	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
92	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
93	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
94	211,050	232,772	317,504	325,448	267,254	252,808	1,606,836	1.33%
95	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
96	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
97	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
98	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
99	204,050	148,972	239,254	250,948	176,754	175,808	1,195,786	0.99%
100	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
101	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
102	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
103	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
104	211,050	162,772	247,504	255,448	197,254	182,808	1,256,836	1.04%
105	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
106	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
107	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
108	204,050	218,972	309,254	320,948	241,754	220,808	1,515,786	1.26%
109	204,050	148,472	237,504	250,448	176,254	175,308	1,192,036	0.99%
110	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
111	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
112	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
113	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
114	211,050	163,272	249,254	255,948	197,754	183,308	1,260,586	1.05%
115	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
116	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
117	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
118	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
119	204,050	148,472	237,504	250,448	176,254	175,308	1,192,036	0.99%
120	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
121	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
122	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
123	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
124	211,050	162,772	247,504	255,448	197,254	182,808	1,256,836	1.04%
Subtotals:	10,237,500	7,993,600	12,444,950	13,045,900	9,216,200	8,301,400	61,239,550	50.81%
Totals All:	20,154,696	15,981,606	24,221,494	25,657,292	18,409,808	16,108,732	120,533,628	100.00%

Expense Group -----	Accident Year 1/1 - 12/31 2020	Estimated Accident Year 1/1 - 12/31 2021
	(1)	(3)

Incremental Payments By Major Expense Groups

Legal Expense	558,235	558,235
Parental Award	1,770,994	1,770,994
Medical Expense	819,276	819,276
Nursing Care - By Parents & Family Care	12,592,188	12,592,188
Nursing Care - By Others	2,628,778	2,628,778
Custodial	18,520	18,520
Other	2,535,829	2,535,829
Totals:	20,923,820	20,923,820

Case Outstanding By Major Expense Groups

Legal Expense	-	-
Parental Award	1,448,921	1,448,921
Medical Expense	70,200,856	70,200,856
Nursing Care - By Parents & Family Care	220,966,848	220,966,848
Nursing Care - By Others	324,229,465	324,229,465
Custodial	153,186,764	153,186,764
Other	113,876,881	113,876,881
Totals:	883,909,735	883,909,735

Percentage by Expense Group - Based on Incremental Payments

Legal Expense	2.67%	2.67%
Parental Award	8.46%	8.46%
Medical Expense	3.92%	3.92%
Nursing Care - By Parents & Family Care	60.18%	60.18%
Nursing Care - By Others	12.56%	12.56%
Custodial	0.09%	0.09%
Other	12.12%	12.12%

Percentage by Expense Group - Based on Case Outstanding

Legal Expense	0.00%	0.00%
Parental Award	0.16%	0.16%
Medical Expense	7.94%	7.94%
Nursing Care - By Parents & Family Care	25.00%	25.00%
Nursing Care - By Others	36.68%	36.68%
Custodial	17.33%	17.33%
Other	12.88%	12.88%

Estimated Inflation By Component - Paid Basis

Legal Expense (a)	3.72%	3.72%
Parental Award (b)	0.00%	0.00%
Medical Expense (c)	1.78%	1.12%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%
Custodial (f)	0.00%	0.00%
Other (g)	1.36%	2.53%

Estimated Inflation By Component - Outstanding Basis

Legal Expense (a)	3.72%	3.72%
Parental Award (b)	0.00%	0.00%
Medical Expense (h)	1.07%	0.67%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%
Custodial (f)	0.00%	0.00%
Other (h)	0.82%	1.52%

Combined (i)		
Estimated Inflation - Paid Basis	0.33%	0.44%
Estimated Inflation - O/S Basis	0.19%	0.25%

Note: See Appendix B, Exhibit I, Sheet 5 for footnotes.

Expense Group	Accident Year 1/1 - 12/31 2010	Accident Year 1/1 - 12/31 2011	Accident Year 1/1 - 12/31 2012	Accident Year 1/1 - 12/31 2013	Accident Year 1/1 - 12/31 2014	Accident Year 1/1 - 12/31 2015	Accident Year 1/1 - 12/31 2016	Accident Year 1/1 - 12/31 2017	Accident Year 1/1 - 12/31 2018	Accident Year 1/1 - 12/31 2019
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Incremental Payments By Major Expense Groups										
Legal Expense	N/A	1,348,962	1,472,264	1,046,543	1,232,427	668,653	484,569	584,838	452,621	388,516
Parental Award	N/A	1,772,862	854,442	1,254,414	1,404,094	1,186,749	1,254,253	1,365,273	1,175,718	1,397,419
Medical Expense	N/A	795,785	792,882	845,548	967,563	974,935	967,347	939,392	855,074	843,539
Nursing Care - By Parents & Family Care	N/A	5,533,089	5,409,777	6,505,561	7,530,367	8,620,254	9,627,298	10,349,737	10,333,679	10,495,652
Nursing Care - By Others	N/A	2,555,000	3,010,739	2,668,850	2,444,120	2,416,880	2,418,489	1,972,943	2,081,185	2,340,801
Custodial	N/A	19,113	98,021	73,571	172,325	30,724	50,965	130,563	19,006	30,864
Other	N/A	2,305,512	1,339,156	1,717,202	1,761,129	1,925,764	1,627,714	2,218,698	2,673,017	2,245,369
Totals:		14,330,324	12,977,280	14,111,688	15,512,025	15,823,958	16,430,635	17,561,445	17,590,302	17,742,160
Case Outstanding By Major Expense Groups										
Legal Expense	1,659,638	2,385,144	836,323	660,811	228,321	88,453	168,803	-	-	-
Parental Award	589,640	605,992	353,242	603,806	515,023	812,964	558,710	552,204	517,333	822,969
Medical Expense	45,291,470	53,134,220	51,818,777	52,678,076	54,293,469	56,178,917	53,776,781	54,909,282	57,610,440	60,583,611
Nursing Care - By Parents & Family Care	82,024,515	85,104,653	130,484,827	122,444,207	138,840,113	154,500,907	160,582,139	167,831,990	178,828,226	190,001,780
Nursing Care - By Others	283,976,757	319,886,113	285,088,770	292,576,532	284,914,056	284,634,842	278,707,710	282,636,036	289,452,886	298,361,042
Custodial	56,034,080	60,833,849	118,024,732	117,392,957	132,525,811	134,228,759	151,741,811	138,361,013	146,219,982	151,117,953
Other	68,822,838	77,191,310	75,879,069	76,658,051	78,245,243	82,827,705	80,001,953	83,707,417	86,008,001	89,694,784
Totals:	538,398,938	599,141,281	662,485,739	663,014,440	689,562,035	713,272,547	725,537,907	727,997,942	758,636,868	790,582,139
Percentage by Expense Group - Based on Incremental Payments										
Legal Expense	10.75%	9.41%	11.34%	7.42%	7.94%	4.23%	2.95%	3.33%	2.57%	2.19%
Parental Award	13.53%	12.37%	6.58%	8.89%	9.05%	7.50%	7.63%	7.77%	6.68%	7.88%
Medical Expense	5.60%	5.55%	6.11%	5.99%	6.24%	6.16%	5.89%	5.35%	4.86%	4.75%
Nursing Care - By Parents & Family Care	36.63%	38.61%	41.69%	46.10%	48.55%	54.48%	58.59%	58.93%	58.75%	59.16%
Nursing Care - By Others	18.92%	17.83%	23.20%	18.91%	15.76%	15.27%	14.72%	11.23%	11.83%	13.19%
Custodial	0.15%	0.13%	0.76%	0.52%	1.11%	0.19%	0.31%	0.74%	0.11%	0.17%
Other	14.41%	16.09%	10.32%	12.17%	11.35%	12.17%	9.91%	12.63%	15.20%	12.66%
Percentage by Expense Group - Based on Case Outstanding										
Legal Expense	0.31%	0.40%	0.13%	0.10%	0.03%	0.01%	0.02%	0.00%	0.00%	0.00%
Parental Award	0.11%	0.10%	0.05%	0.09%	0.07%	0.11%	0.08%	0.08%	0.07%	0.10%
Medical Expense	8.41%	8.87%	7.82%	7.95%	7.87%	7.88%	7.41%	7.54%	7.59%	7.66%
Nursing Care - By Parents & Family Care	15.23%	14.20%	19.70%	18.47%	20.13%	21.66%	22.13%	23.05%	23.57%	24.03%
Nursing Care - By Others	52.74%	53.39%	43.03%	44.13%	41.32%	39.91%	38.41%	38.82%	38.15%	37.74%
Custodial	10.41%	10.15%	17.82%	17.71%	19.22%	18.82%	20.91%	19.01%	19.27%	19.11%
Other	12.78%	12.88%	11.45%	11.56%	11.35%	11.61%	11.03%	11.50%	11.34%	11.35%
Estimated Inflation By Component - Paid Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (c)	3.28%	3.49%	3.21%	2.01%	2.96%	2.58%	4.07%	1.78%	2.01%	4.57%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.99%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other (g)	1.50%	2.96%	1.74%	1.50%	0.76%	0.73%	2.07%	2.11%	1.91%	2.29%
Estimated Inflation By Component - Outstanding Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (h)	1.97%	2.09%	1.93%	1.21%	1.77%	1.55%	2.44%	1.07%	1.21%	2.74%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	95.00%	3.00%	0.00%	0.00%	4.50%	0.00%	0.00%	3.50%
Other (h)	0.90%	1.78%	1.04%	0.90%	0.45%	0.44%	1.24%	1.27%	1.15%	1.37%
Combined (i)										
Estimated Inflation - Paid Basis	0.78%	1.00%	0.78%	0.57%	0.55%	0.40%	0.69%	0.59%	0.48%	0.57%
Estimated Inflation - O/S Basis	0.29%	0.42%	9.83%	0.72%	0.19%	0.17%	2.01%	0.22%	0.22%	1.01%

Note: See Appendix B, Exhibit I, Sheet 5 for footnotes.

Expense Group	Accident Year 1/1 - 12/31 2000	Accident Year 1/1 - 12/31 2001	Accident Year 1/1 - 12/31 2002	Accident Year 1/1 - 12/31 2003	Accident Year 1/1 - 12/31 2004	Accident Year 1/1 - 12/31 2005	Accident Year 1/1 - 12/31 2006	Accident Year 1/1 - 12/31 2007	Accident Year 1/1 - 12/31 2008	Accident Year 1/1 - 12/31 2009
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Incremental Payments By Major Expense Groups										
Legal Expense	547,451	789,578	768,406	699,574	753,238	761,521	768,799	911,182	1,117,819	1,251,650
Parental Award	1,684,863	1,569,503	1,380,762	1,448,569	1,266,247	987,149	1,088,568	1,483,153	1,621,648	1,521,430
Medical Expense	324,050	361,786	316,867	379,945	477,673	486,436	414,019	438,949	502,243	584,938
Nursing Care - By Parents & Family Care	77,850	107,770	265,098	500,284	664,698	959,815	1,287,167	1,455,477	2,280,726	3,586,973
Nursing Care - By Others	1,661,676	1,774,150	1,570,635	1,664,923	1,767,678	2,126,820	2,368,333	2,187,588	2,022,477	2,072,130
Custodial	47,053	14,388	7,179	13,490	29,407	19,776	20,370	38,594	29,076	18,070
Other	406,846	640,781	809,365	834,009	1,296,472	1,401,403	1,083,585	1,177,848	1,338,828	1,317,625
Totals:	4,749,789	5,257,955	5,118,312	5,540,794	6,255,412	6,742,920	7,030,842	7,692,791	8,912,818	10,352,817
Case Outstanding By Major Expense Groups										
Legal Expense									739,159	1,016,335
Parental Award									311,440	371,029
Medical Expense									28,168,684	31,284,580
Nursing Care - By Parents & Family Care									51,105,085	61,522,465
Nursing Care - By Others									229,063,637	247,156,314
Custodial									64,170,720	55,975,200
Other									52,596,208	58,056,740
Totals:									426,154,933	455,382,663
Percentage by Expense Group - Based on Incremental Payments										
Legal Expense	11.53%	15.02%	15.01%	12.63%	12.04%	11.29%	10.93%	11.84%	12.54%	12.09%
Parental Award	35.47%	29.85%	26.98%	26.14%	20.24%	14.64%	15.48%	19.28%	18.19%	14.70%
Medical Expense	6.82%	6.88%	6.19%	6.86%	7.64%	7.21%	5.89%	5.71%	5.64%	5.65%
Nursing Care - By Parents & Family Care	1.64%	2.05%	5.18%	9.03%	10.63%	14.23%	18.31%	18.92%	25.59%	34.65%
Nursing Care - By Others	34.98%	33.74%	30.69%	30.05%	28.26%	31.54%	33.68%	28.44%	22.69%	20.02%
Custodial	0.99%	0.27%	0.14%	0.24%	0.47%	0.29%	0.29%	0.50%	0.33%	0.17%
Other	8.57%	12.19%	15.81%	15.05%	20.73%	20.78%	15.41%	15.31%	15.02%	12.73%
Percentage by Expense Group - Based on Case Outstanding										
Legal Expense	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.22%
Parental Award	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.08%
Medical Expense	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.87%
Nursing Care - By Parents & Family Care	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	13.51%
Nursing Care - By Others	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	54.27%
Custodial	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	12.29%
Other	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.75%
Estimated Inflation By Component - Paid Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (c)	4.17%	4.72%	5.05%	3.71%	4.24%	4.29%	3.56%	5.16%	2.65%	3.37%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.32%	21.46%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other (g)	3.39%	1.55%	2.38%	1.88%	3.26%	3.42%	2.54%	4.08%	0.09%	2.72%
Estimated Inflation By Component - Outstanding Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (h)	2.50%	2.83%	3.03%	2.22%	2.54%	2.57%	2.14%	3.10%	1.59%	2.02%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	54.64%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	40.00%	3.00%	40.00%	0.00%	0.00%	0.00%
Other (h)	2.03%	0.93%	1.43%	1.13%	1.95%	2.05%	1.52%	2.45%	0.05%	1.63%
Combined (i)										
Estimated Inflation - Paid Basis	0.98%	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%	7.62%
Estimated Inflation - O/S Basis	0.42%	0.30%	0.38%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%	0.35%

Note: See Appendix B, Exhibit I, Sheet 5 for footnotes.

Expense Group	Accident Year 1/1 - 12/31 1990	Accident Year 1/1 - 12/31 1991	Accident Year 1/1 - 12/31 1992	Accident Year 1/1 - 12/31 1993	Accident Year 1/1 - 12/31 1994	Accident Year 1/1 - 12/31 1995	Accident Year 1/1 - 12/31 1996	Accident Year 1/1 - 12/31 1997	Accident Year 1/1 - 12/31 1998	Accident Year 1/1 - 12/31 1999
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Incremental Payments By Major Expense Groups										
Legal Expense	N/A	192,899	361,181	423,066	495,111	611,088	566,488	466,635	535,583	489,006
Parental Award	N/A	574,493	682,393	568,464	1,034,652	1,775,690	1,305,192	1,065,584	1,452,768	1,556,838
Medical Expense	N/A	111,200	100,481	114,259	120,146	140,970	170,987	187,374	326,563	335,203
Nursing Care - By Parents & Family Care	N/A	125,469	104,966	46,536	18,312	42,905	60,030	39,920	87,805	84,323
Nursing Care - By Others	N/A	47,350	80,085	109,144	135,969	265,078	505,495	769,201	974,683	1,123,079
Custodial	N/A	19,122	77,831	107,096	93,591	93,012	100,527	121,690	136,171	103,378
Other	N/A	43,241	73,598	73,204	69,438	118,678	179,756	257,990	317,394	357,161
Totals:		1,113,775	1,480,534	1,441,768	1,967,220	3,047,422	2,888,475	2,908,394	3,830,965	4,048,988
Case Outstanding By Major Expense Groups										
Legal Expense										
Parental Award										
Medical Expense										
Nursing Care - By Parents & Family Care										
Nursing Care - By Others										
Custodial										
Other										
Totals:										
Percentage by Expense Group - Based on Incremental Payments										
Legal Expense	17.32%	17.32%	24.40%	29.34%	25.17%	20.05%	19.61%	16.04%	13.98%	12.08%
Parental Award	51.58%	51.58%	46.09%	39.43%	52.59%	58.27%	45.19%	36.64%	37.92%	38.45%
Medical Expense	9.98%	9.98%	6.79%	7.92%	6.11%	4.63%	5.92%	6.44%	8.52%	8.28%
Nursing Care - By Parents & Family Care	11.27%	11.27%	7.09%	3.23%	0.93%	1.41%	2.08%	1.37%	2.29%	2.08%
Nursing Care - By Others	4.25%	4.25%	5.41%	7.57%	6.91%	8.70%	17.50%	26.45%	25.44%	27.74%
Custodial	1.72%	1.72%	5.26%	7.43%	4.76%	3.05%	3.48%	4.18%	3.55%	2.55%
Other	3.88%	3.88%	4.97%	5.08%	3.53%	3.89%	6.22%	8.87%	8.28%	8.82%
Percentage by Expense Group - Based on Case Outstanding										
Legal Expense	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%
Parental Award	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%
Medical Expense	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%
Nursing Care - By Parents & Family Care	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%
Nursing Care - By Others	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%
Custodial	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%
Other	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%
Estimated Inflation By Component - Paid Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (c)	9.59%	7.92%	6.63%	5.39%	4.92%	3.95%	3.04%	2.82%	3.42%	3.67%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other (g)	6.11%	3.06%	2.90%	2.75%	2.67%	2.54%	3.32%	1.70%	1.61%	2.68%
Estimated Inflation By Component - Outstanding Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (h)	5.75%	4.75%	3.98%	3.24%	2.95%	2.37%	1.82%	1.69%	2.05%	2.20%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other (h)	3.66%	1.84%	1.74%	1.65%	1.60%	1.52%	1.99%	1.02%	0.97%	1.61%
Combined (i)										
Estimated Inflation - Paid Basis	1.75%	1.49%	1.46%	1.62%	1.30%	1.00%	1.09%	0.91%	0.92%	0.97%
Estimated Inflation - O/S Basis	0.81%	0.53%	0.47%	0.42%	0.39%	0.35%	0.37%	0.24%	0.26%	0.35%

Note: See Appendix B, Exhibit I, Sheet 5 for footnotes.

Footnotes for Appendix B, Exhibit I, Sheets 1 to 4

- Notes: (a) Increase in legal fees based on change in hourly rate from \$ 75 to \$ 150 over the period from 1989 to 2008 - assumed annual inflation of 3.72 %
- (b) The parental award amounts have not changed.
- (c) The estimated inflation rate by year for all payments related to medical items is based on the CPI - Medical Care Index.
- (d) The hourly rates for nursing care by parents have remained constant until June 2008 - the estimated change for 2008 and 2009 are developed assuming the increase in hourly rate from \$9.70 to \$15.00 occurred for paid losses before and after July 1, 2008. This change in hourly rate for nursing care by parents resulted in inflation rates of 27.32% ($\$12.35 / \9.70) and 21.46% ($\$15.00 / \12.35) for 2008 and 2009, respectively for paid basis. It resulted in an inflation rate of 54.64% ($\$15.00 / \9.70) for case outstanding basis in 2008.
- (e) The hourly rate for LPN under nursing care by others have increased from \$24.45 to \$25.40 effective 7/1/2016.
- (f) The daily rates used to estimate the future cost of custodial residential care were revised in December 2004, 2005, 2006, 2012, 2013, 2016, and 2019. These changes in the custodial residential care daily rate resulted in the estimated inflation rates of 40%, 3%, 40%, 95%, 3%, 4.5%, and 3.5% for 2004, 2005, 2006, 2012, 2013, 2016, & 2019, respectively. This inflation change affects outstanding only.
- (g) Inflation related to all other payments is based on All Items CPI Index - Seasonally Adjusted.
- (h) The estimated inflation related to case outstanding (Medical and Other) is based on 60 % of CPI since a portion of the outstanding reserve estimate has not changed.
- (i) Weighted average of inverse of one plus the estimated inflation by component and the percent by component (paid and outstanding separately).

Year	Total Returns														Difference Between Average Returns				
	CPI All Items	CPI All Items % Change	CPI Medical Index % Chg	5 Year Avg % Chg CPI All Items	Large Company Stocks	Small Company Stocks	Long-Term Govt. Bonds	Inter. Term - Gov't Bonds	U.S. Treasury Bills	Corporate Bonds (Aaa Moody's)	Merrill Lynch US Corporate 15+ Yr	Model Portfolio	Conservative Model Portfolio	Annual NICA Return on Investment	Medical v 5 Yr Avg CPI (4) - (5)	Model v 5 Yr Avg CPI (13) - (5)	Model v CPI (13) - (3)	Conservative Model v CPI (14) - (3)	NICA v CPI (15) - (3)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1980	86.30	12.52%	9.92%	9.28%	32.50%	39.88%	-3.95%	3.91%	11.24%	11.94%		19.38%	13.22%		0.64%	10.10%	6.86%	0.70%	
1981	94.00	8.92%	12.50%	10.09%	-4.92%	13.88%	1.86%	9.45%	14.70%	14.17%		4.83%	5.70%		2.41%	-5.26%	-4.10%	-3.23%	
1982	97.60	3.83%	11.00%	9.52%	21.55%	28.01%	40.36%	29.10%	10.54%	13.79%		20.27%	30.04%		1.48%	10.75%	16.44%	26.21%	
1983	101.30	3.79%	6.40%	8.47%	22.56%	39.67%	0.65%	7.41%	8.81%	12.04%		15.74%	13.75%		-2.07%	7.27%	11.95%	9.96%	
1984	105.30	3.95%	6.11%	6.60%	6.27%	-6.67%	15.48%	14.02%	9.85%	12.71%		10.14%	9.27%		-0.49%	3.54%	6.19%	5.32%	
1985	109.30	3.80%	6.76%	4.86%	31.73%	24.66%	30.97%	20.33%	7.72%	11.37%		22.12%	25.64%		1.91%	17.26%	18.32%	21.85%	
1986	110.50	1.10%	7.71%	3.29%	18.67%	6.85%	24.53%	15.14%	6.16%	9.02%		14.49%	16.68%		4.41%	11.20%	13.39%	15.58%	
1987	115.40	4.43%	5.80%	3.41%	5.25%	-9.30%	-2.71%	2.90%	5.47%	9.38%		6.27%	-0.38%		2.39%	2.85%	1.83%	-4.81%	
1988	120.50	4.42%	6.91%	3.54%	16.61%	22.87%	9.67%	6.10%	6.35%	9.71%		12.02%	11.96%		3.37%	8.48%	7.60%	7.54%	
1989	126.10	4.65%	8.50%	3.68%	31.69%	10.18%	18.11%	13.29%	8.37%	9.26%		19.93%	17.17%		4.82%	16.25%	15.29%	12.52%	
1990	133.80	6.11%	9.59%	4.14%	-3.10%	-21.56%	6.18%	9.73%	7.82%	9.32%		3.94%	0.85%		5.44%	-0.20%	-2.17%	-5.26%	
1991	137.90	3.06%	7.92%	4.53%	30.47%	44.63%	19.30%	15.46%	5.59%	8.77%		19.66%	23.85%	5.88%	3.38%	15.12%	16.59%	20.79%	2.82%
1992	141.90	2.90%	6.63%	4.23%	7.62%	23.35%	8.05%	7.19%	3.51%	8.14%		7.72%	10.17%	3.27%	2.40%	3.49%	4.82%	7.27%	0.37%
1993	145.80	2.75%	5.39%	3.89%	10.08%	20.98%	18.24%	11.24%	2.90%	7.22%		9.28%	14.42%	3.12%	1.50%	5.39%	6.53%	11.68%	0.37%
1994	149.70	2.67%	4.92%	3.50%	1.32%	3.11%	-7.77%	-5.14%	3.91%	7.96%		2.42%	-2.90%	3.62%	1.42%	-1.08%	-0.26%	-5.58%	0.95%
1995	153.50	2.54%	3.95%	2.79%	37.58%	34.46%	31.67%	16.80%	5.60%	7.59%		22.63%	27.43%	6.96%	1.16%	19.84%	20.09%	24.89%	4.42%
1996	158.60	3.32%	3.04%	2.84%	22.96%	17.62%	-0.93%	2.10%	5.21%	7.37%		13.18%	7.71%	5.79%	0.20%	10.34%	9.85%	4.39%	2.47%
1997	161.30	1.70%	2.82%	2.60%	33.36%	22.78%	15.85%	8.38%	5.26%	7.26%	7.41%	18.97%	17.36%	6.10%	0.22%	16.37%	17.27%	15.65%	4.40%
1998	163.90	1.61%	3.42%	2.37%	28.58%	-7.31%	13.06%	10.21%	4.86%	6.53%	6.84%	16.97%	10.95%	6.20%	1.05%	14.60%	15.36%	9.33%	4.59%
1999	168.30	2.68%	3.67%	2.37%	21.04%	29.79%	-8.97%	-1.77%	4.68%	7.04%	7.44%	11.44%	5.91%	4.54%	1.30%	9.07%	8.75%	3.22%	1.86%
2000	174.00	3.39%	4.17%	2.54%	-9.10%	-3.59%	21.48%	12.59%	5.89%	7.62%	8.18%	1.26%	8.29%	13.11%	1.63%	-1.28%	-2.13%	4.91%	9.72%
2001	176.70	1.55%	4.72%	2.19%	-11.89%	22.77%	3.70%	7.62%	3.83%	7.08%	7.61%	-1.16%	5.49%	3.98%	2.53%	-3.35%	-2.71%	3.94%	2.43%
2002	180.90	2.38%	5.05%	2.32%	-22.11%	-13.28%	17.84%	12.93%	1.65%	6.49%	7.41%	-4.81%	3.12%	-8.52%	2.73%	-7.13%	-7.18%	0.74%	-10.90%
2003	184.30	1.88%	3.71%	2.38%	28.68%	60.70%	1.45%	2.40%	1.02%	5.67%	6.44%	15.14%	16.85%	19.99%	1.33%	12.76%	13.26%	14.97%	18.11%
2004	190.30	3.26%	4.24%	2.49%	10.88%	18.39%	8.51%	2.25%	1.20%	5.63%	6.27%	7.26%	8.41%	10.27%	1.75%	4.77%	4.01%	5.15%	7.01%
2005	196.80	3.42%	4.29%	2.50%	4.91%	5.69%	7.81%	1.36%	2.98%	5.24%	5.88%	4.32%	4.76%	8.92%	1.79%	1.82%	0.90%	1.34%	5.50%
2006	201.80	2.54%	3.56%	2.69%	15.79%	16.17%	1.19%	3.14%	4.80%	5.59%	6.27%	9.59%	7.13%	12.77%	0.87%	6.89%	7.05%	4.59%	10.23%
2007	210.04	4.08%	5.16%	3.03%	5.49%	-5.22%	9.88%	10.05%	4.66%	5.56%	6.37%	6.43%	6.26%	8.72%	2.13%	3.39%	2.34%	2.18%	4.64%
2008	210.23	0.09%	2.65%	2.68%	-37.00%	-36.72%	25.87%	13.11%	1.60%	5.63%	7.35%	-11.63%	-1.13%	-27.24%	-0.03%	-14.31%	-11.72%	-1.22%	-27.33%
2009	215.95	2.72%	3.37%	2.57%	26.46%	25.57%	4.08%	2.82%	0.45%	5.61%	7.12%	14.23%	11.20%	20.00%	0.80%	11.66%	11.51%	8.48%	17.28%
2010	219.18	1.50%	3.28%	2.19%	15.06%	26.31%	4.25%	2.62%	0.30%	4.94%	5.95%	8.93%	9.32%	13.36%	1.09%	6.74%	7.43%	7.82%	11.86%
2011	225.67	2.96%	3.49%	2.27%	2.11%	1.02%	3.91%	2.16%	0.17%	4.64%	5.62%	3.03%	2.38%	-0.10%	1.22%	0.76%	0.07%	-0.59%	-3.06%
2012	229.60	1.74%	3.21%	1.80%	16.00%	16.33%	2.92%	1.22%	0.17%	3.67%	4.78%	8.61%	6.91%	10.88%	1.41%	6.80%	6.86%	5.17%	9.13%
2013	233.05	1.50%	2.01%	2.08%	32.39%	41.31%	3.45%	1.74%	0.13%	4.23%	5.03%	16.12%	14.46%	12.58%	-0.07%	14.04%	14.62%	12.96%	11.07%
2014	234.81	0.76%	2.96%	1.69%	13.69%	5.76%	3.34%	2.14%	0.11%	4.16%	4.76%	7.95%	5.05%	5.64%	1.27%	6.26%	7.19%	4.30%	4.88%
2015	236.53	0.73%	2.58%	1.54%	1.38%	-1.97%	2.84%	1.89%	0.30%	3.89%	4.76%	2.39%	1.33%	-1.84%	1.04%	0.85%	1.66%	0.60%	-2.57%
2016	241.43	2.07%	4.07%	1.36%	11.96%	26.56%	2.59%	1.63%	0.60%	3.66%	4.55%	6.91%	8.04%	6.72%	2.71%	5.55%	4.83%	5.96%	4.65%
2017	246.52	2.11%	1.78%	1.43%	21.83%	13.23%	2.89%	2.16%	1.17%	3.74%	4.37%	11.38%	7.71%	13.81%	0.35%	9.95%	9.27%	5.60%	11.71%
2018	251.23	1.91%	2.01%	1.52%	-4.38%	-8.48%	3.11%	2.85%	2.25%	3.93%	4.68%	0.06%	-0.35%	-6.72%	0.49%	-1.46%	-1.85%	-2.26%	-8.63%
2019	256.97	2.29%	4.57%	1.82%	31.49%	22.78%	2.58%	2.05%	1.99%	3.39%	4.18%	15.49%	10.99%	21.15%	2.75%	13.66%	13.20%	8.70%	18.86%
2020	260.47	1.36%	1.78%	1.95%	18.40%	11.29%	1.56%	0.72%	0.36%	2.48%	3.33%	9.13%	5.90%	14.08%	-0.17%	7.18%	7.77%	4.54%	12.72%

Total Returns														Difference Between Average Returns					
Year	CPI All Items	CPI All Items % Change	CPI Medical Index % Chg	5 Year Avg % Chg CPI All Items	Large Company Stocks	Small Company Stocks	Long-Term Govt. Bonds	Inter. Term - Gov't Bonds	U.S. Treasury Bills	Corporate Bonds (Aaa Moody's)	Merrill Lynch US Corporate 15+ Yr	Model Portfolio	Conservative Model Portfolio	Annual NICA Return on Investment	Medical v 5 Yr Avg CPI (4) - (5)	Model v 5 Yr Avg CPI (13) - (5)	Model v CPI (13) - (3)	Conservative Model v CPI (14) - (3)	NICA v CPI (15) - (3)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Geometric Mean of Annual Return:																			
1926 - 1929		-0.95%			19.19%	-4.50%	5.00%	4.19%	3.67%	4.64%		11.43%	6.72%				12.38%	7.67%	
1930 - 1939		-2.04%	0.65%	-2.06%	-0.05%	1.38%	4.88%	4.58%	0.56%	3.89%		3.65%	5.32%		2.71%	5.71%	5.68%	7.36%	
1940 - 1949		5.36%	3.66%	4.73%	9.17%	20.69%	3.24%	1.83%	0.41%	2.71%		5.64%	7.39%		-1.07%	0.91%	0.28%	2.03%	
1950 - 1959		2.22%	3.88%	2.54%	19.35%	16.90%	-0.07%	1.34%	1.86%	3.30%		10.35%	7.34%		1.34%	7.81%	8.13%	5.12%	
1960 - 1969		2.52%	4.11%	1.98%	7.81%	15.53%	1.45%	3.48%	3.88%	5.00%		6.18%	6.43%		2.13%	4.20%	3.66%	3.91%	
1970 - 1979		7.36%	8.03%	6.40%	5.87%	11.49%	5.52%	6.98%	6.31%	8.23%		7.35%	7.79%		1.63%	0.95%	-0.01%	0.43%	
1980 - 1989		5.10%	8.14%	6.24%	17.55%	15.83%	12.61%	11.91%	8.89%	11.32%		14.37%	13.99%		1.90%	8.13%	9.27%	8.90%	
1990 - 1999		2.93%	5.11%	3.32%	18.21%	15.09%	8.79%	7.20%	4.93%	7.72%	7.23%	12.43%	11.21%	5.04%	1.79%	9.11%	9.50%	8.28%	2.12%
2000 - 2009		2.52%	4.09%	2.54%	-0.95%	6.09%	9.88%	6.72%	2.79%	6.01%	6.89%	3.75%	6.94%	5.20%	1.55%	1.21%	1.23%	4.42%	2.67%
2010 - 2019		1.75%	2.99%	1.77%	13.56%	13.35%	3.19%	2.05%	0.72%	4.02%	4.87%	7.97%	6.49%	7.24%	1.22%	6.20%	6.21%	4.74%	5.49%
1991 - 2020		2.25%	3.81%	2.47%	10.70%	12.75%	7.09%	5.00%	2.55%	5.68%	5.93%	8.17%	8.37%	6.11%	1.34%	5.70%	5.92%	6.13%	3.87%
Annual Std. Deviation:																			
1926 - 1929		1.43%			24.06%	39.46%	4.07%	2.28%	0.72%	0.10%		10.19%	10.50%				8.75%	9.07%	
1930 - 1939		5.01%	0.56%	2.88%	34.67%	60.30%	6.04%	3.61%	0.75%	0.72%		15.38%	16.88%		-2.32%	12.50%	10.37%	11.87%	
1940 - 1949		5.93%	2.71%	2.19%	16.51%	37.03%	3.75%	0.81%	0.33%	0.10%		7.34%	9.87%		0.52%	5.15%	1.41%	3.93%	
1950 - 1959		2.26%	0.99%	1.78%	19.79%	27.09%	4.86%	2.71%	0.75%	0.55%		8.36%	7.63%		-0.79%	6.58%	6.09%	5.37%	
1960 - 1969		1.80%	1.94%	0.84%	14.39%	32.07%	6.23%	3.52%	1.35%	0.95%		6.02%	6.99%		1.11%	5.18%	4.21%	5.19%	
1970 - 1979		3.45%	2.90%	1.48%	19.24%	31.10%	6.80%	4.69%	1.94%	0.76%		8.83%	9.68%		1.42%	7.35%	5.38%	6.23%	
1980 - 1989		3.22%	2.28%	2.83%	12.68%	17.20%	15.11%	8.08%	2.79%	1.91%		6.08%	8.89%		-0.56%	3.25%	2.86%	5.68%	
1990 - 1999		1.24%	2.26%	0.83%	14.16%	19.98%	12.82%	7.09%	1.36%	0.84%	0.34%	6.87%	9.53%	1.44%	1.44%	6.04%	5.63%	8.29%	0.20%
2000 - 2009		1.15%	0.79%	0.23%	21.11%	26.32%	8.67%	4.96%	1.89%	0.78%	0.74%	8.38%	4.80%	14.30%	0.55%	8.15%	7.24%	3.65%	13.16%
2010 - 2019		0.68%	0.92%	0.32%	12.26%	15.40%	0.55%	0.47%	0.81%	0.48%	0.54%	5.32%	4.57%	8.49%	0.60%	5.00%	4.64%	3.89%	7.81%
1991 - 2020		0.90%	1.38%	0.77%	17.30%	19.49%	9.26%	5.41%	2.06%	1.67%	1.32%	7.57%	6.73%	9.46%	0.60%	6.79%	6.66%	5.83%	8.56%

Column
(2)-(11),(14)
(3)
(13)
(14)

Provided by Client
[Col (2) / Prior Col (2)] - 1
[44% Col (6)] + [20% Col (9)] + [36% Col (11)]
[17.5% Col (6)] + [17.5% Col (7)] + [30% Col (8)] + [30% Col (9)] + [5% Col (10)]

Development of Incurred Loss Projection Tail Factor - 387 Months to Ultimate
Based on Incremental Payment Indication

Evaluated As of March 31, 2021

Year of Birth	Birth Year	Paid		Indicated Incurred Projection Without Tail Factor @ 387 Months to Maturity (2) x (4)	Estimated Ultimate Loss & ALAE Based on Incremental Payment Method (c) @ 2.00% Utilization Rate	Cumulative Sum of		Ratio of Col. (8) to Col. (7) Indicated Incurred Projection Tail Factor 387:Ult. (8) / (7)
	Level Incurred (a) Loss & ALAE @ 3/31/21	Development Factors Without Tail Factor (b)				Column (5) Incurred Projection Without Tail Factor	Column (6) Estimated Ultimate Based on Incremental Payment Method (c)	
	-----	-----						
	Incremental	Cumulative						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	20,088,673		1.0000	20,088,673	24,143,094	20,088,673	24,143,094	1.2018
1990	9,148,446	1.0045	1.0045	9,189,614	9,614,665	29,278,287	33,757,759	1.1530
1991	19,011,752	1.0045	1.0090	19,183,243	24,379,739	48,461,530	58,137,498	1.1997
1992	36,459,698	1.0045	1.0136	36,954,122	43,933,698	85,415,652	102,071,196	1.1950
1993	36,403,414	1.0045	1.0181	37,063,112	45,200,513	122,478,765	147,271,709	1.2024
1994	16,140,991	1.0045	1.0227	16,507,446	21,370,186	138,986,211	168,641,895	1.2134
1995	24,694,512	1.0045	1.0273	25,368,810	33,998,850	164,355,021	202,640,746	1.2329
1996	23,027,809	1.0045	1.0319	23,763,051	25,349,984	188,118,073	227,990,730	1.2120
1997	32,550,968	1.0045	1.0366	33,741,426	42,097,727	221,859,499	270,088,457	1.2174
1998	54,703,594	1.0062	1.0430	57,055,287	66,215,841	278,914,785	336,304,298	1.2058
1999	20,125,477	1.0261	1.0703	21,539,483	21,310,701	300,454,268	357,614,999	1.1902
2000	13,375,136	1.0130	1.0842	14,500,794	16,008,803	314,955,063	373,623,802	1.1863
2001	23,091,978	1.0044	1.0890	25,146,101	27,671,979	340,101,164	401,295,782	1.1799
2002	54,937,975	0.9685	1.0547	57,942,103	59,416,527	398,043,267	460,712,309	1.1574
2003	13,021,181	0.9956	1.0501	13,673,341	13,860,851	411,716,608	474,573,160	1.1527
2004	22,301,321	1.0151	1.0660	23,772,712	27,757,526	435,489,320	502,330,686	1.1535
2005	28,117,802	0.9932	1.0587	29,767,797	32,619,775	465,257,117	534,950,460	1.1498
2006	41,357,229	0.9990	1.0576	43,740,784	48,067,671	508,997,900	583,018,131	1.1454
2007	33,327,325	1.0121	1.0705	35,675,651	38,254,811	544,673,551	621,272,942	1.1406
2008	44,207,641	1.0215	1.0935	48,341,788	52,917,640	593,015,340	674,190,582	1.1369
2009	55,040,738	1.0187	1.1140	61,312,713	62,966,083	654,328,052	737,156,664	1.1266
2010	27,783,004	0.9871	1.0995	30,548,361	38,137,516	684,876,414	775,294,180	1.1320
2011	45,571,950	0.9985	1.0979	50,035,004	49,631,477	734,911,418	824,925,657	1.1225
2012	31,232,548	1.0104	1.1093	34,646,989	39,817,573	769,558,407	864,743,229	1.1237
2013	29,559,154	1.0149	1.1259	33,280,530	29,998,227	802,838,937	894,741,457	1.1145
2014	34,614,932	1.0419	1.1731	40,606,399	35,746,665	843,445,336	930,488,122	1.1032
2015	61,623,645	1.0397	1.2196	75,158,436	73,624,928	918,603,771	1,004,113,050	1.0931
2016	17,796,329	1.0556	1.2874	22,911,524	27,254,310	941,515,296	1,031,367,360	1.0954
2017	35,003,819	1.1000	1.4162	49,571,455	57,709,475	991,086,751	1,089,076,835	1.0989

Totals / Averages:

1989 - 2002	398,043,267	460,712,309	1.1574
1989 - 2007	544,673,551	621,272,942	1.1406
1989 - 2012	769,558,407	864,743,229	1.1237
1989 - 2017	991,086,751	1,089,076,835	1.0989

Selected Incurred Loss Projection Tail Factor 387:Ult.

1.0988

Notes: (a) See Exhibit VII, Sheet 1, Column (2).

(b) See Exhibit VII, Sheet 1, Column (3) excluded tail factor @ 387:Ult.

(c) Based on utilization rate of 2.00%. See Appendix E, Exhibit I, Sheet 1, Column (7).

Development of Paid Loss Projection Tail Factor - 387 Months to Ultimate
Based on Incremental Payment Indication

Evaluated As of March 31, 2021

Year of Birth	Birth Year Level Paid (a) Loss & ALAE @ 3/31/21	Paid		Indicated Paid Projection Without Tail Factor @ 387 Months to Maturity (2) x (4)	Estimated Ultimate Loss & ALAE Based on Incremental Payment Method (c) @ 2.00% Utilization Rate	Cumulative Sum of		Ratio of Col. (8) to Col. (7) Indicated Paid Projection Tail Factor 387:Ult. (8) / (7)
		Development Factors Without Tail Factor (b) ----- Incuremental Cumulative	Column (6) Estimated Ultimate Based on Incremental Payment Method (c)			Column (5) Paid Projection Without Tail Factor		
-----	-----	-----	-----	-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	12,320,339		1.0000	12,320,339	24,143,094	12,320,339	24,143,094	1.9596
1990	4,829,605	1.0500	1.0500	5,071,085	9,614,665	17,391,425	33,757,759	1.9411
1991	7,271,789	1.0500	1.1025	8,017,147	24,379,739	25,408,572	58,137,498	2.2881
1992	12,051,584	1.0500	1.1576	13,951,215	43,933,698	39,359,787	102,071,196	2.5933
1993	17,520,566	1.0500	1.2155	21,296,358	45,200,513	60,656,145	147,271,709	2.4280
1994	6,323,720	1.0500	1.2763	8,070,847	21,370,186	68,726,992	168,641,895	2.4538
1995	8,794,155	1.0500	1.3401	11,785,009	33,998,850	80,512,000	202,640,746	2.5169
1996	8,271,775	1.0500	1.4071	11,639,218	25,349,984	92,151,218	227,990,730	2.4741
1997	10,124,303	1.0500	1.4775	14,958,207	42,097,727	107,109,425	270,088,457	2.5216
1998	17,865,685	1.0467	1.5464	27,628,364	66,215,841	134,737,790	336,304,298	2.4960
1999	10,233,792	1.0537	1.6294	16,675,216	21,310,701	151,413,005	357,614,999	2.3619
2000	5,378,227	1.0530	1.7158	9,228,214	16,008,803	160,641,220	373,623,802	2.3258
2001	7,376,305	1.0482	1.7986	13,267,052	27,671,979	173,908,272	401,295,782	2.3075
2002	14,772,656	1.0528	1.8935	27,972,385	59,416,527	201,880,657	460,712,309	2.2821
2003	4,497,130	1.0607	2.0084	9,032,050	13,860,851	210,912,707	474,573,160	2.2501
2004	5,073,154	1.0567	2.1224	10,767,063	27,757,526	221,679,770	502,330,686	2.2660
2005	7,648,525	1.0607	2.2511	17,217,845	32,619,775	238,897,615	534,950,460	2.2392
2006	8,902,117	1.0710	2.4109	21,461,956	48,067,671	260,359,571	583,018,131	2.2393
2007	9,768,845	1.0771	2.5966	25,366,190	38,254,811	285,725,761	621,272,942	2.1744
2008	5,996,257	1.0763	2.7947	16,757,575	52,917,640	302,483,336	674,190,582	2.2289
2009	8,237,881	1.0850	3.0322	24,978,820	62,966,083	327,462,156	737,156,664	2.2511
2010	3,174,166	1.0955	3.3218	10,543,849	38,137,516	338,006,005	775,294,180	2.2937
2011	5,372,356	1.0972	3.6447	19,580,658	49,631,477	357,586,663	824,925,657	2.3069
2012	3,512,238	1.1129	4.0562	14,246,275	39,817,573	371,832,937	864,743,229	2.3256
2013	5,163,050	1.1133	4.5157	23,314,841	29,998,227	395,147,778	894,741,457	2.2643
2014	5,923,923	1.1654	5.2627	31,175,871	35,746,665	426,323,649	930,488,122	2.1826
2015	4,572,608	1.1672	6.1426	28,087,586	73,624,928	454,411,235	1,004,113,050	2.2097
2016	1,004,769	1.2143	7.4590	7,494,579	27,254,310	461,905,814	1,031,367,360	2.2329
2017	1,874,802	1.2633	9.4227	17,665,619	57,709,475	479,571,433	1,089,076,835	2.2709
Totals / Averages:								
1989 - 2002				201,880,657	460,712,309			2.2821
1989 - 2007				285,725,761	621,272,942			2.1744
1989 - 2012				371,832,937	864,743,229			2.3256
1989 - 2017				479,571,433	1,089,076,835			2.2709

Selected Paid Loss Projection Tail Factor 387:Ult.

2.2721

Notes: (a) See Exhibit VIII, Sheet 1, Column (2).

(b) See Exhibit VIII, Sheet 1, Column (3) excluded tail factor @ 387:Ult.

(c) Based on utilization rate of 2.00%. See Appendix E, Exhibit I, Sheet 1, Column (7).

Actual Paid Loss and ALAE
Current Level Basis

Before Reinsurance Recovery

Birth Year	Actual Paid Loss & ALAE				
	@ 12/31/17 (a)	@ 12/31/18 (a)	@ 12/31/19 (a)	@ 12/31/20 (a)	@ 3/31/21 (a)
(1)	(2)	(3)	(4)	(5)	(6)
1989	14,267,027	14,638,997	14,972,972	15,454,195	15,524,989
1990	6,017,106	6,279,135	6,480,940	6,710,380	6,766,619
1991	8,706,421	9,314,249	9,849,249	10,362,065	10,543,760
1992	14,588,741	15,500,157	16,378,359	17,268,992	17,471,991
1993	19,373,096	20,331,661	21,294,314	22,438,687	22,662,524
1994	7,192,264	7,475,545	7,718,617	7,960,305	8,024,698
1995	10,038,156	10,574,141	11,159,530	11,818,717	12,030,035
1996	9,129,668	9,627,567	10,099,946	10,651,113	10,797,904
1997	11,977,563	12,557,481	13,178,169	13,902,831	14,083,651
1998	19,760,086	21,092,727	22,364,192	23,735,451	24,086,267
1999	11,901,286	12,245,496	12,580,524	12,942,391	13,061,592
2000	5,837,741	6,195,510	6,558,156	6,822,239	6,927,175
2001	7,320,379	7,833,708	8,271,076	8,747,790	8,873,604
2002	15,119,824	16,227,654	17,269,559	18,484,389	18,819,133
2003	4,352,130	4,674,834	4,953,963	5,315,295	5,420,630
2004	4,770,134	5,141,005	5,449,735	5,913,302	6,011,890
2005	7,095,668	7,624,142	8,213,548	8,970,456	9,184,669
2006	8,325,390	8,963,008	9,756,743	10,502,180	10,708,281
2007	8,849,635	9,693,497	10,649,649	11,501,899	11,686,318
2008	5,061,580	5,678,602	6,207,497	6,972,847	7,148,296
2009	6,451,376	7,100,090	7,752,859	8,660,439	8,936,928
2010	2,674,347	2,866,667	3,046,696	3,213,856	3,285,284
2011	3,794,991	4,353,878	4,883,356	5,434,498	5,579,837
2012	2,323,849	2,732,433	3,134,528	3,528,462	3,618,178
2013	3,154,345	3,737,777	4,521,536	5,135,965	5,293,659
2014	2,940,791	4,231,511	5,082,901	5,865,834	6,062,481
2015	1,346,365	2,609,468	3,411,625	4,431,025	4,676,394
2016	390,803	569,989	770,775	980,125	1,020,960
2017	5,229	455,087	870,841	1,639,079	1,902,251
2018		30,277	1,215,494	2,343,958	2,826,833
2019			1,101	1,309,912	1,670,056
2020				3,594	8,525
2021					0
Totals:					
2017 & Prior	222,765,989	240,326,014	256,881,856	275,364,808	280,209,999
2018 & Prior		240,356,291	258,097,350	277,708,765	283,036,832
2019 & Prior			258,098,451	279,018,677	284,706,888
2020 & Prior				279,022,271	284,715,413
2021 & Prior					284,715,413

Notes: (a) Based on actual paid loss and ALAE as shown in Exhibit I, Sheet 1a, Column (4) of reserve reports evaluated as of 12/31/2012 and subsequent.

Actual Paid Loss and ALAE
Current Level Basis

Exhibit I
Sheet 2

Before Reinsurance Recovery

Birth Year	Actual Paid Loss & ALAE							
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (b)	@ 12/31/13 (b)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	10,186,409	10,458,034	10,858,188	11,264,469	11,960,429	12,703,237	13,334,954	13,907,887
1990	3,723,264	3,837,883	3,989,667	4,134,429	4,739,750	5,431,197	5,637,024	5,823,482
1991	3,412,646	3,925,649	4,405,095	5,367,300	6,403,902	7,111,676	7,663,287	8,163,390
1992	6,464,261	7,013,018	7,772,126	8,309,249	10,486,924	11,960,130	12,815,067	13,662,902
1993	11,600,217	12,313,100	13,089,455	13,913,903	15,456,495	16,811,505	17,688,776	18,583,444
1994	4,883,079	5,023,121	5,198,208	5,344,508	5,989,723	6,458,956	6,706,993	6,946,563
1995	3,873,071	4,829,658	5,595,923	5,921,580	7,168,370	8,042,178	8,707,711	9,315,298
1996	5,071,490	5,506,117	5,973,099	6,311,867	7,106,412	7,899,721	8,279,761	8,658,214
1997	5,207,959	5,901,603	6,522,569	7,543,370	9,312,837	10,296,445	10,877,579	11,452,153
1998	8,112,136	9,116,042	10,194,077	11,277,495	13,609,770	15,863,619	17,129,762	18,446,385
1999	6,164,930	6,912,528	7,719,729	8,273,551	9,732,949	10,418,299	10,955,512	11,455,006
2000	2,965,732	3,276,769	3,514,181	3,762,460	4,317,207	4,972,975	5,238,763	5,520,902
2001	3,883,121	4,175,734	4,515,405	4,842,890	5,425,462	5,877,102	6,434,214	6,883,540
2002	5,826,962	6,856,989	7,727,861	8,707,708	10,580,391	11,973,470	13,103,213	14,202,065
2003	1,772,921	1,930,389	2,203,060	2,495,687	2,753,640	3,099,320	3,596,458	3,994,291
2004	2,171,906	2,595,632	2,994,077	3,215,209	3,522,795	3,877,573	4,192,045	4,475,363
2005	2,142,949	3,240,890	3,997,772	4,719,465	5,198,978	5,677,987	6,111,341	6,586,084
2006	1,291,184	2,233,340	3,934,023	4,901,878	5,614,611	6,260,850	6,868,225	7,525,340
2007	909,414	2,145,757	3,232,481	4,101,955	5,212,346	6,071,909	7,004,826	7,953,448
2008	287,894	916,649	1,407,917	2,014,976	2,355,509	2,934,059	3,572,068	4,287,731
2009	114,839	628,299	1,532,304	2,438,709	3,142,736	3,691,740	4,230,225	5,156,527
2010		116,166	895,231	1,203,035	1,818,188	2,065,585	2,245,502	2,456,858
2011			11,245	178,666	877,041	1,559,805	2,333,485	3,117,907
2012				16,611	97,446	898,196	1,645,365	2,061,021
2013					114,394	873,399	1,747,648	2,424,840
2014						116,952	652,037	1,765,040
2015							0	365,465
2016								10,326
2017								
2018								
2019								
2020								
2021								
Totals:								
2009 & Prior	90,066,385	102,837,202	116,377,216	128,862,658	150,091,237	167,433,947	180,147,805	193,000,014
2010 & Prior		102,953,368	117,272,447	130,065,693	151,909,425	169,499,532	182,393,308	195,456,871
2011 & Prior			117,283,692	130,244,359	152,786,466	171,059,337	184,726,793	198,574,778
2012 & Prior				130,260,969	152,883,912	171,957,533	186,372,157	200,635,799
2013 & Prior					152,998,305	172,830,932	188,119,805	203,060,639
2014 & Prior						172,947,884	188,771,842	204,825,679
2015 & Prior							188,771,842	205,191,144
2016 & Prior								205,201,470

Notes: (a) Based on actual paid loss and ALAE as shown in Exhibit I, Sheet 1c, Column (4) of reserve reports evaluated as of 12/31/2011 and prior,
(b) Based on actual paid loss and ALAE as shown in Exhibit I, Sheet 1a, Column (4) of reserve reports evaluated as of 12/31/2012 and subsequent.

Actual Incurred Loss and ALAE
Current Level Basis
Before Inflation and Discount
Before Reinsurance Recovery

Birth Year	Actual Incurred Loss & ALAE				
	@ 12/31/17 (a)	@ 12/31/18 (a)	@ 12/31/19 (a)	@ 12/31/20 (a)	@ 3/31/21 (a)
(1)	(2)	(3)	(4)	(5)	(6)
1989	25,441,183	25,702,077	26,676,277	26,731,377	26,731,377
1990	12,078,863	12,124,934	12,219,613	12,946,901	12,946,901
1991	27,582,759	27,832,120	28,375,779	27,220,428	27,220,428
1992	51,825,758	52,149,680	50,874,421	51,965,541	51,965,541
1993	44,240,688	44,771,955	48,129,997	49,226,085	49,226,085
1994	20,463,924	20,675,749	21,278,788	21,778,869	21,778,869
1995	32,530,259	33,033,922	33,554,096	34,222,250	34,222,250
1996	30,070,691	29,864,307	30,451,587	31,320,962	31,320,962
1997	39,746,715	40,457,327	44,226,874	45,170,839	45,170,839
1998	67,690,266	70,152,725	72,737,058	75,024,792	75,024,792
1999	26,469,569	27,054,078	26,276,114	26,701,402	26,701,402
2000	21,260,799	21,722,522	19,861,024	20,370,774	17,924,375
2001	29,028,446	29,663,340	28,936,114	30,382,443	30,382,597
2002	69,075,832	70,560,398	70,261,172	73,614,647	73,614,742
2003	18,044,410	18,209,635	16,526,126	17,008,588	17,008,588
2004	27,934,816	28,781,989	30,154,419	29,364,715	29,365,215
2005	32,289,079	32,986,431	34,461,781	35,624,520	35,624,866
2006	48,406,081	50,537,021	49,851,128	52,270,088	52,270,728
2007	38,318,675	38,987,317	39,192,341	40,457,906	40,458,123
2008	52,483,297	51,043,082	50,984,518	53,581,937	53,582,321
2009	58,470,612	59,034,654	61,836,158	63,334,920	63,335,131
2010	28,170,398	28,907,752	31,404,151	31,792,127	31,792,356
2011	47,391,514	47,765,304	49,393,256	51,997,983	51,998,063
2012	28,663,775	32,385,451	34,549,969	35,491,823	35,491,823
2013	30,675,106	29,432,728	29,859,912	30,834,405	30,834,405
2014	39,204,196	40,746,108	33,389,632	35,893,555	35,923,618
2015	25,309,491	40,552,485	49,927,837	62,255,566	63,944,277
2016	3,189,395	7,092,710	12,995,406	18,425,131	18,435,131
2017	220,615	12,515,921	26,473,988	35,571,464	35,583,816
2018		11,120,164	29,094,272	47,677,117	50,440,379
2019			8,013,000	29,572,606	32,094,096
2020				60,000	2,985,911
2021					0
Totals:					
2017 & Prior	976,277,215	1,024,743,723	1,064,859,536	1,120,582,037	1,119,879,618
2018 & Prior		1,035,863,887	1,093,953,809	1,168,259,154	1,170,319,997
2019 & Prior			1,101,966,809	1,197,831,760	1,202,414,093
2020 & Prior				1,197,891,760	1,205,400,005
2021 & Prior					1,205,400,005

Notes: (a) Based on actual paid and case outstanding loss and ALAE as shown in Exhibit I, Sheet 1a, Columns (4) and (2) of reserve reports evaluated as of 12/31/2012 and subsequent.

Actual Incurred Loss and ALAE

Current Level Basis

Before Inflation and Discount

Before Reinsurance Recovery

Birth Year	Actual Incurred Loss & ALAE							
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (b)	@ 12/31/13 (b)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	25,392,567	26,078,544	25,583,011	27,706,619	26,373,709	26,675,829	26,051,832	26,326,147
1990	13,314,815	10,443,544	10,543,426	12,118,649	11,460,479	11,121,608	11,216,567	11,406,760
1991	22,161,349	22,464,393	23,417,200	28,845,823	27,053,131	27,437,409	27,781,984	28,295,975
1992	45,578,473	45,939,767	46,942,773	55,890,448	52,815,766	52,867,490	50,976,324	51,656,458
1993	45,769,261	46,809,981	42,703,727	48,709,272	44,371,745	44,496,964	45,096,852	45,229,024
1994	15,697,230	16,210,446	18,343,661	20,873,806	20,730,853	20,768,073	21,178,550	21,338,915
1995	30,541,666	29,252,587	27,611,220	28,549,550	31,116,266	31,193,690	30,817,517	31,573,999
1996	32,557,199	32,684,558	24,024,889	28,929,040	28,427,439	30,016,711	28,837,569	29,370,705
1997	38,463,312	43,675,859	41,626,317	44,901,093	45,773,854	42,295,331	41,082,818	41,695,864
1998	54,563,346	61,812,278	60,372,902	69,428,161	71,845,599	74,110,454	74,869,360	73,947,873
1999	26,384,594	30,676,593	27,364,683	29,426,181	30,621,162	26,815,846	27,279,195	26,851,564
2000	22,486,180	21,268,225	17,120,713	21,576,045	18,959,802	19,436,294	19,326,133	19,745,527
2001	21,353,204	24,146,698	22,453,008	27,428,112	26,466,604	26,011,537	27,662,585	28,764,655
2002	67,771,825	65,863,004	75,780,805	81,408,182	80,239,381	75,578,631	73,816,750	71,230,346
2003	11,350,748	13,844,639	15,168,263	15,986,156	15,239,817	15,719,835	15,365,678	15,565,872
2004	26,994,425	22,859,791	23,353,511	23,639,048	24,722,792	24,881,802	24,763,096	24,467,783
2005	40,349,156	51,636,560	49,969,413	50,170,611	41,236,975	33,705,260	32,296,495	33,337,907
2006	33,495,282	37,658,562	48,568,924	49,129,618	48,994,258	50,001,133	52,359,974	53,254,022
2007	16,105,434	32,149,065	42,727,201	45,320,710	43,306,651	43,280,986	41,872,020	43,492,063
2008	19,305,512	27,518,410	45,383,414	47,873,092	52,865,872	50,399,012	56,105,819	52,603,536
2009	2,400,124	12,214,510	32,754,971	43,304,404	47,846,038	45,798,713	48,326,705	52,107,418
2010		367,288	11,709,849	23,432,658	28,572,781	27,241,537	27,631,375	26,491,003
2011			8,025,000	18,092,817	27,966,715	38,554,067	47,898,365	46,663,004
2012				12,090,000	20,346,124	28,272,096	31,340,190	24,080,908
2013					8,415,555	14,108,083	24,160,711	27,946,444
2014						6,459,800	22,999,374	37,678,801
2015							0	18,702,803
2016								2,984,445
2017								
2018								
2019								
2020								
2021								
Totals:								
2009 & Prior	612,035,700	675,208,013	721,814,030	801,214,619	790,468,191	772,612,609	777,083,824	782,262,417
2010 & Prior		675,575,300	733,523,879	824,647,277	819,040,972	799,854,146	804,715,198	808,753,421
2011 & Prior			741,548,879	842,740,094	847,007,687	838,408,213	852,613,563	855,416,424
2012 & Prior				854,830,094	867,353,811	866,680,309	883,953,753	879,497,332
2013 & Prior					875,769,366	880,788,392	908,114,464	907,443,776
2014 & Prior						887,248,192	931,113,838	945,122,577
2015 & Prior							931,113,838	963,825,379
2016 & Prior								966,809,825

Notes: (a) Based on actual paid and case outstanding loss and ALAE as shown in Exhibit I, Sheet 1c,
Columns (4) and (2) of reserve reports evaluated as of 12/31/2011 and prior.

(b) Based on actual paid and case outstanding loss and ALAE as shown in Exhibit I, Sheet 1a,
Columns (4) and (2) of reserve reports evaluated as of 12/31/2012 and subsequent.

Ultimate Loss and ALAE
 Birth Year Level Basis (Paid and Outstanding Loss and ALAE)
 Before Inflation and Discount
 Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE- Birth Year Level				
	@ 12/31/17 (a)	@ 12/31/18 (a)	@ 12/31/19 (a)	@ 12/31/20 (a)	@ 3/31/21 (a)
(1)	(2)	(3)	(4)	(5)	(6)
1989	22,247,493	22,258,805	23,066,097	22,946,297	22,671,711
1990	10,241,714	10,174,453	10,303,043	10,765,383	10,640,437
1991	21,603,024	21,641,402	22,027,137	21,028,322	20,858,124
1992	41,648,941	41,582,298	40,636,349	41,212,858	40,914,729
1993	37,954,191	38,090,051	40,813,740	41,414,348	41,053,978
1994	17,763,746	17,795,413	18,339,596	18,615,159	18,483,095
1995	26,306,261	26,989,640	27,443,692	27,818,948	27,664,394
1996	24,969,372	24,861,140	25,640,183	26,294,132	26,142,541
1997	32,694,782	33,194,637	36,622,024	37,351,868	37,315,247
1998	55,860,280	58,204,362	61,523,529	62,303,309	62,463,346
1999	23,002,739	23,696,374	24,085,569	24,389,418	24,310,330
2000	18,099,943	18,418,564	17,813,781	18,583,469	16,394,075
2001	24,719,308	25,087,505	25,215,809	27,005,300	26,865,611
2002	59,580,427	60,392,984	61,085,882	64,171,295	63,824,624
2003	15,763,511	15,811,498	14,647,651	15,016,004	14,862,926
2004	26,097,578	26,056,758	27,648,185	26,980,983	25,987,939
2005	32,030,326	31,565,838	32,832,212	33,680,980	33,391,835
2006	49,374,895	50,311,984	49,194,332	50,354,542	48,170,045
2007	40,252,269	39,852,634	39,504,910	40,068,884	39,454,048
2008	57,179,737	54,195,381	53,695,355	55,606,023	52,513,800
2009	65,746,467	64,077,529	65,843,180	67,166,365	66,168,021
2010	32,871,068	32,238,079	33,616,839	33,547,585	33,182,375
2011	58,807,873	56,226,768	55,172,724	54,943,337	55,042,180
2012	39,903,132	42,641,332	42,811,147	41,318,223	37,696,637
2013	51,458,790	41,771,976	40,030,578	37,663,740	36,891,608
2014	68,887,830	63,582,211	47,545,011	45,970,556	45,231,049
2015	63,520,691	65,942,190	72,964,946	80,910,872	82,006,882
2016	56,397,130	40,327,403	33,070,666	29,432,508	28,439,610
2017	69,648,129	72,052,065	67,303,924	60,433,196	58,550,541
2018		83,644,236	90,678,953	84,212,362	86,770,463
2019			87,365,678	81,284,175	75,714,771
2020				70,045,219	67,959,566
2021 (3 Mo)					19,906,644
Totals:					
2017 & Prior	1,144,631,648	1,119,041,275	1,110,498,088	1,116,993,907	1,097,191,737
2018 & Prior		1,202,685,511	1,201,177,041	1,201,206,269	1,183,962,201
2019 & Prior			1,288,542,718	1,282,490,444	1,259,676,972
2020 & Prior				1,352,535,663	1,327,636,537
2021 & Prior					1,347,543,181

Notes: (a) See Exhibit IV, Sheet 1, Column (2) of reserve reports evaluated as of 12/31/2014 and subsequent.

Ultimate Loss and ALAE
Birth Year Level Basis (Paid and Outstanding Loss and ALAE)
Before Inflation and Discount
Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE- Birth Year Level							
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (a)	@ 12/31/13 (a)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	N/A	27,151,287	26,330,062	26,239,659	23,959,593	24,195,976	23,414,027	23,125,750
1990	N/A	11,614,027	11,477,027	11,641,938	10,246,976	9,999,835	9,939,137	9,834,515
1991	N/A	21,846,966	23,599,488	25,562,294	22,304,544	22,311,410	22,422,995	22,327,764
1992	N/A	45,007,814	45,510,337	49,648,408	43,814,483	44,193,315	42,324,758	41,873,921
1993	N/A	46,399,495	42,090,226	45,388,953	39,587,735	39,534,688	39,694,225	39,036,364
1994	N/A	17,704,344	19,509,699	20,997,772	19,372,951	18,678,491	18,851,442	18,217,559
1995	N/A	29,612,489	27,858,448	26,170,052	26,818,973	25,772,539	26,087,912	25,662,899
1996	N/A	34,616,867	25,704,748	27,833,390	26,231,269	25,801,313	24,493,693	24,589,056
1997	N/A	46,595,341	43,560,423	40,798,018	40,407,001	36,376,739	34,536,923	34,325,245
1998	N/A	66,412,941	63,607,918	63,521,734	61,517,550	63,630,834	63,226,390	60,905,055
1999	N/A	35,941,607	31,549,054	29,830,188	28,407,824	24,714,807	24,390,834	23,409,402
2000	N/A	26,019,849	21,007,662	22,396,391	18,726,468	17,876,978	17,216,907	17,027,251
2001	N/A	30,143,811	27,629,667	28,951,546	26,397,525	24,055,468	24,549,828	24,792,104
2002	N/A	81,623,942	89,912,951	84,119,393	77,166,072	71,583,645	67,160,964	62,125,579
2003	N/A	19,765,701	20,411,699	18,732,576	16,820,632	15,371,140	14,491,272	14,022,907
2004	N/A	34,906,670	33,509,530	28,899,731	28,835,840	26,266,333	25,078,722	23,496,241
2005	N/A	73,254,683	67,946,105	58,507,245	46,987,970	38,008,212	34,625,670	33,578,652
2006	N/A	59,312,524	66,536,687	58,405,872	57,971,240	58,221,693	57,273,917	55,106,696
2007	N/A	59,153,178	67,620,964	58,470,417	56,101,360	52,163,570	47,452,521	46,361,933
2008	N/A	66,478,546	79,164,976	68,213,720	68,761,560	64,432,055	66,360,989	58,916,171
2009	N/A	70,036,100	82,639,361	74,221,132	73,702,410	61,645,728	59,938,541	60,751,883
2010		64,978,389	69,884,924	64,673,667	56,447,824	43,747,351	35,510,801	32,471,443
2011			72,891,940	71,306,452	65,671,795	65,087,844	67,347,302	60,514,485
2012				81,217,094	76,746,568	67,114,423	57,809,164	43,294,886
2013					76,400,906	62,357,107	60,846,197	54,240,114
2014						69,737,636	80,346,694	84,954,480
2015							61,923,125	75,914,747
2016								69,229,336
2017								
2018								
2019								
2020								
2021 (3 Mo)								
Totals:								
2009 & Prior	N/A	903,598,184	917,177,034	868,550,428	814,139,976	764,834,769	743,531,665	719,486,948
2010 & Prior		968,576,573	987,061,958	933,224,095	870,587,801	808,582,121	779,042,467	751,958,390
2011 & Prior			1,059,953,897	1,004,530,547	936,259,596	873,669,964	846,389,769	812,472,875
2012 & Prior				1,085,747,642	1,013,006,165	940,784,387	904,198,933	855,767,761
2013 & Prior					1,089,407,071	1,003,141,494	965,045,130	910,007,875
2014 & Prior						1,072,879,130	1,045,391,825	994,962,354
2015 & Prior							1,107,314,950	1,070,877,102
2016 & Prior								1,140,106,438

Note: (a) Based on historical estimates of ultimate loss and ALAE at birth year level before inflation and anticipated investment income as shown in Column (7) of Exhibit IV of reserve reports evaluated as of 12/31/2013 and prior.
(b) See Exhibit IV, Sheet 1, Column (2) of reserve reports evaluated as of 12/31/2014 and subsequent.

Ultimate Loss and ALAE

Actual Paid and Current Level Outstanding Before Prospective Inflation and Discount

Before Inflation and Discount

Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE - Current Level Before Inflation and Discount				
	@ 12/31/17 (a)	@ 12/31/18 (a)	@ 12/31/19 (a)	@ 12/31/20 (a)	@ 3/31/21 (a)
(1)	(2)	(3)	(4)	(5)	(6)
1989	29,246,689	29,318,266	30,641,947	30,527,655	30,457,598
1990	14,227,333	14,164,464	14,436,781	15,120,967	15,081,948
1991	30,329,935	30,457,286	31,237,552	29,884,913	29,843,207
1992	58,278,747	58,312,637	57,442,894	58,360,008	58,261,392
1993	50,530,018	50,807,973	54,948,143	55,876,247	55,768,294
1994	23,680,669	23,764,362	24,690,814	25,110,426	25,060,198
1995	35,946,787	36,947,666	37,847,842	38,423,372	38,367,330
1996	33,535,980	33,441,040	34,759,321	35,711,413	35,653,008
1997	44,777,076	45,528,680	50,591,180	51,664,803	51,774,945
1998	75,648,623	78,950,805	84,088,601	85,258,850	85,754,780
1999	30,294,112	31,270,594	31,989,921	32,436,305	32,471,965
2000	24,086,292	24,548,529	23,896,666	24,976,384	22,072,188
2001	32,195,308	32,729,847	33,140,889	35,614,976	35,547,316
2002	78,853,193	80,039,362	81,579,626	85,845,285	85,738,369
2003	20,478,428	20,562,331	19,132,222	19,639,963	19,512,335
2004	32,749,998	32,754,129	35,082,595	34,267,981	34,362,542
2005	39,904,713	39,378,177	41,306,754	42,440,423	42,437,342
2006	59,343,178	60,598,885	59,770,094	61,294,449	60,995,310
2007	48,074,049	47,688,524	47,657,571	48,419,783	47,940,647
2008	65,428,405	62,124,948	62,110,366	64,430,498	63,675,867
2009	74,480,094	72,664,826	75,317,383	76,902,603	76,268,192
2010	37,160,337	36,496,317	38,412,131	38,383,839	38,047,029
2011	66,336,890	63,486,298	62,823,516	62,615,973	62,933,280
2012	41,198,718	44,119,040	44,713,824	43,225,217	42,924,425
2013	52,757,475	42,904,798	41,489,112	39,093,279	38,510,890
2014	70,511,636	65,208,558	49,192,766	47,634,636	46,972,699
2015	64,925,458	67,537,373	75,455,544	83,820,914	85,119,550
2016	56,524,744	40,507,989	33,550,659	29,914,846	29,473,051
2017	69,648,129	72,211,327	68,131,758	61,289,569	59,523,265
2018		83,644,236	91,593,461	85,216,133	88,013,750
2019			87,365,678	81,439,417	76,632,413
2020				70,045,219	68,097,589
2021 (3 Mo)					19,906,644

Totals:

2017 & Prior	1,361,153,014	1,338,525,030	1,345,438,471	1,358,185,577	1,350,548,959
2018 & Prior		1,422,169,266	1,437,031,932	1,443,401,711	1,438,562,710
2019 & Prior			1,524,397,610	1,524,841,127	1,515,195,123
2020 & Prior				1,594,886,346	1,583,292,712
2021 & Prior					1,603,199,356

Notes: (a) Based on actual paid loss and ALAE and total outstanding loss & ALAE before inflation and discount as shown in Columns (4) and (3) of Exhibit I, Sheet 1a of reserve reports evaluated as 12/31/2012 and subsequent.

Ultimate Loss and ALAE

Actual Paid and Current Level Outstanding Before Prospective Inflation and Discount

Before Inflation and Discount

Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE - Current Level Before Inflation and Discount							
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (b)	@ 12/31/13 (b)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	30,195,406	31,013,780	30,302,524	32,662,292	31,283,689	31,469,118	30,462,198	30,430,686
1990	16,245,871	13,213,102	13,155,761	14,871,810	14,150,051	13,663,968	13,606,869	13,628,986
1991	25,563,433	24,954,229	27,201,674	32,897,544	30,896,715	30,694,703	30,914,846	31,267,424
1992	52,762,445	50,796,217	51,820,930	63,695,571	60,456,635	60,573,984	58,153,407	58,461,943
1993	53,982,015	52,079,760	47,624,682	56,359,640	52,344,829	51,837,574	52,138,771	51,936,583
1994	20,606,060	19,583,922	21,745,732	25,995,859	25,577,544	24,502,615	24,771,605	24,264,459
1995	36,386,656	33,041,315	31,392,335	32,691,605	36,475,380	34,730,142	35,055,879	35,002,803
1996	41,081,064	38,326,178	28,672,897	34,219,094	34,784,174	34,054,192	32,351,892	32,962,635
1997	48,276,930	51,540,936	48,562,684	51,684,192	54,619,408	48,898,105	46,508,461	46,927,643
1998	67,105,294	73,205,094	70,673,787	78,809,076	81,912,168	84,654,728	84,225,777	82,393,345
1999	35,469,979	39,466,371	34,938,796	36,306,404	37,383,127	32,136,323	31,736,790	30,812,415
2000	30,665,379	28,356,997	23,037,519	27,324,802	24,434,778	23,371,455	22,525,893	22,607,943
2001	29,466,949	32,760,575	30,231,415	34,994,886	33,994,147	30,763,220	31,442,585	32,252,183
2002	89,829,000	88,640,493	98,299,372	102,197,306	100,852,407	93,163,144	87,458,847	82,156,773
2003	17,352,578	21,361,345	22,214,126	22,442,880	21,586,870	19,629,041	18,485,142	18,136,582
2004	41,925,368	37,567,720	36,310,314	34,533,322	35,562,370	32,300,491	30,866,114	29,382,705
2005	63,388,909	78,569,317	73,374,866	69,958,032	57,686,770	46,515,525	42,398,405	41,793,993
2006	56,804,169	63,345,467	71,604,504	69,642,638	68,245,099	68,485,821	67,490,299	66,108,309
2007	43,932,498	62,882,409	72,358,633	69,436,362	65,669,897	61,030,854	55,614,372	55,288,691
2008	70,240,739	66,960,112	80,058,011	74,863,254	76,924,563	72,115,450	74,397,721	67,287,501
2009	65,842,195	70,271,249	83,227,624	81,077,021	81,914,437	68,475,520	66,638,074	68,736,752
2010		64,978,389	70,135,006	70,499,869	62,574,064	48,496,715	39,378,914	36,647,659
2011			72,891,940	77,584,464	72,600,196	71,996,315	74,559,791	68,192,855
2012				81,217,094	77,309,410	67,729,133	58,440,532	44,610,051
2013					76,400,906	62,478,164	61,072,531	55,495,022
2014						69,737,636	80,485,475	86,783,624
2015							61,923,125	77,433,227
2016								69,229,336
2017								
2018								
2019								
2020								
2021 (3 Mo)								
Totals:								
2009 & Prior	937,122,936	977,936,586	996,808,186	1,046,663,592	1,026,755,059	963,065,973	937,243,949	921,840,352
2010 & Prior		1,042,914,976	1,066,943,192	1,117,163,461	1,089,329,123	1,011,562,688	976,622,863	958,488,010
2011 & Prior			1,139,835,132	1,194,747,925	1,161,929,319	1,083,559,003	1,051,182,654	1,026,680,865
2012 & Prior				1,275,965,019	1,239,238,729	1,151,288,136	1,109,623,186	1,071,290,917
2013 & Prior					1,315,639,635	1,213,766,300	1,170,695,717	1,126,785,939
2014 & Prior						1,283,503,936	1,251,181,192	1,213,569,563
2015 & Prior							1,313,104,318	1,291,002,789
2016 & Prior								1,360,232,125

Notes: (a) Based on actual paid loss and ALAE and total outstanding loss & ALAE before inflation and discount as shown in Columns (4) and (3) of Exhibit I, Sheet 1c of reserve reports evaluated as of 12/31/11 and prior.

(b) Based on actual paid loss and ALAE and total outstanding loss & ALAE before inflation and discount as shown in Columns (4) and (3) of Exhibit I, Sheet 1a of reserve reports evaluated as 12/31/2012 and subsequent.

Ultimate Loss and ALAE

Actual Paid and Current Level Outstanding After Prospective Inflation and Discount

After Inflation and Discount

Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE - Current Level After Inflation and Discount				
	@ 12/31/17 (a)	@ 12/31/18 (a)	@ 12/31/19 (a)	@ 12/31/20 (a)	@ 3/31/21 (a)
	(2)	(3)	(4)	(5)	(6)
1989	25,964,034	26,130,433	27,222,831	27,189,842	27,158,893
1990	12,789,992	12,789,755	13,071,891	13,699,210	13,687,675
1991	25,047,376	25,355,757	26,159,983	25,733,167	25,751,511
1992	48,119,766	48,471,434	48,324,122	49,370,979	49,368,215
1993	43,010,446	43,548,946	47,379,003	48,465,904	48,418,216
1994	19,083,459	19,270,039	19,734,252	20,163,589	20,144,469
1995	29,702,005	30,676,297	31,578,889	32,270,869	32,294,268
1996	27,972,026	27,994,856	29,227,019	30,170,670	30,181,757
1997	36,234,683	37,068,365	41,312,312	42,438,878	42,590,079
1998	61,025,424	63,895,585	68,531,557	69,995,650	70,474,814
1999	26,214,859	27,176,655	28,058,332	28,563,974	28,640,501
2000	19,495,776	20,137,823	19,592,649	20,541,722	18,391,924
2001	25,986,782	26,591,498	26,906,762	29,116,776	29,106,394
2002	62,535,820	63,958,182	66,312,928	70,240,158	70,274,400
2003	17,106,855	17,290,259	16,553,714	17,090,315	17,016,227
2004	25,376,483	25,364,821	27,064,727	26,867,874	26,980,523
2005	30,379,108	30,343,034	32,212,080	33,376,030	33,421,160
2006	45,855,599	47,019,519	47,003,796	48,578,536	48,419,051
2007	38,254,985	38,309,381	38,639,420	39,563,234	39,247,538
2008	46,953,609	45,133,053	45,569,914	47,854,327	47,406,223
2009	55,417,658	54,524,864	56,539,423	58,186,370	57,854,250
2010	26,463,338	25,270,979	26,648,959	26,850,419	26,648,895
2011	46,583,905	44,915,237	44,967,366	45,502,429	45,751,588
2012	28,754,324	30,887,223	31,541,020	30,630,727	30,438,443
2013	36,709,393	30,212,648	29,566,379	27,895,355	27,640,013
2014	48,382,677	45,234,556	34,771,144	33,651,923	33,380,519
2015	43,925,745	46,009,484	51,643,548	56,955,190	58,037,607
2016	37,786,424	27,158,139	22,583,592	20,037,291	19,802,228
2017	46,007,205	47,971,650	45,376,024	40,726,533	39,734,267
2018		54,950,285	60,704,764	56,394,582	58,506,470
2019			57,062,002	53,338,582	50,481,847
2020				45,153,998	44,092,831
2021 (3 Mo)					12,751,388
Totals:					
2017 & Prior	1,037,139,753	1,028,710,472	1,044,093,637	1,061,727,940	1,058,261,646
2018 & Prior		1,083,660,757	1,104,798,401	1,118,122,521	1,116,768,116
2019 & Prior			1,161,860,403	1,171,461,103	1,167,249,963
2020 & Prior				1,216,615,101	1,211,342,794
2021 & Prior					1,224,094,182

Notes: (a) Based on actual paid loss and ALAE and total outstanding loss & ALAE after inflation and discount as shown in Columns (4) and (7) of Exhibit I, Sheet 1a of reserve reports evaluated as of 12/31/2012 and subsequent.

Ultimate Loss and ALAE

Actual Paid and Current Level Outstanding After Prospective Inflation and Discount

After Inflation and Discount

Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE - Current Level After Inflation and Discount							
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (b)	@ 12/31/13 (b)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	24,441,344	25,948,541	25,509,442	27,506,772	26,769,383	27,123,053	26,805,426	26,875,438
1990	12,808,521	11,232,113	11,625,555	13,159,030	12,801,141	12,365,439	12,168,747	12,239,885
1991	18,982,292	18,925,551	21,097,411	25,311,770	24,687,061	24,806,078	25,189,482	25,655,032
1992	39,675,481	38,220,549	40,222,982	49,327,350	47,876,956	48,344,732	47,216,267	47,716,384
1993	42,880,334	41,791,486	38,731,321	45,788,530	43,090,047	42,973,732	43,558,848	43,718,010
1994	15,511,446	15,277,614	16,761,793	20,064,060	19,867,432	19,099,948	19,373,601	19,131,405
1995	26,915,196	25,514,756	24,594,274	26,029,492	29,127,651	28,045,372	28,516,389	28,704,502
1996	30,841,922	29,640,210	23,306,497	27,492,683	28,231,067	27,759,412	26,648,821	27,352,277
1997	37,297,553	38,408,874	37,115,006	40,113,754	42,286,861	38,419,803	37,124,460	37,480,903
1998	50,964,904	55,458,158	54,498,067	60,767,030	63,468,215	66,084,761	66,580,979	65,785,746
1999	29,196,428	32,383,479	29,184,644	30,565,329	31,550,950	27,490,519	27,363,332	26,703,909
2000	23,206,043	21,551,843	18,016,710	21,062,633	18,979,138	18,396,036	18,031,693	18,245,985
2001	21,941,809	24,613,890	23,226,853	26,851,692	26,301,482	24,310,745	24,937,568	25,715,250
2002	69,791,893	66,487,667	73,147,995	76,262,326	76,648,996	71,252,206	68,058,132	64,256,069
2003	14,143,138	16,698,172	17,581,858	17,921,235	17,572,173	16,171,414	15,546,083	15,438,664
2004	29,160,067	26,493,106	26,130,395	25,034,954	26,012,771	25,020,810	24,172,266	23,094,449
2005	43,464,402	54,307,547	51,711,604	49,769,567	41,687,280	34,811,925	31,964,475	31,792,568
2006	38,500,429	43,369,044	50,126,583	49,183,485	48,785,647	51,478,446	50,784,676	50,336,631
2007	29,545,510	42,718,969	50,113,793	48,454,775	46,503,833	44,110,521	43,132,964	43,330,168
2008	46,611,215	44,717,134	54,385,826	51,148,205	52,939,180	50,395,677	52,713,571	49,345,410
2009	43,322,464	46,499,415	56,182,157	55,061,598	56,275,559	47,843,080	47,160,268	49,202,596
2010		42,506,678	46,963,905	47,244,604	42,551,480	33,550,530	27,627,157	25,943,105
2011			48,135,149	51,255,567	48,664,196	49,025,594	51,459,755	47,536,597
2012				53,164,473	51,304,216	45,663,550	40,043,978	30,959,093
2013					50,356,222	41,890,895	41,626,313	38,253,503
2014						46,089,913	54,048,934	58,832,041
2015							41,099,116	51,838,255
2016								45,882,758
2017								
2018								
2019								
2020								
2021 (3 Mo)								
Totals:								
2009 & Prior	689,202,391	720,258,115	743,270,767	786,876,268	781,462,826	746,303,711	737,048,047	732,121,282
2010 & Prior		762,764,793	790,234,672	834,120,872	824,014,306	779,854,241	764,675,204	758,064,387
2011 & Prior			838,369,821	885,376,439	872,678,502	828,879,835	816,134,960	805,600,984
2012 & Prior				938,540,911	923,982,718	874,543,385	856,178,937	836,560,077
2013 & Prior					974,338,940	916,434,280	897,805,250	874,813,580
2014 & Prior						962,524,193	951,854,184	933,645,621
2015 & Prior							992,953,300	985,483,876
2016 & Prior								1,031,366,635

Notes: (a) Based on actual paid loss and ALAE and total outstanding loss & ALAE after inflation and discount as shown in Columns (4) and (7) of Exhibit I, Sheet 1c of reserve reports evaluated as of 12/31/11 and prior.

(b) Based on actual paid loss and ALAE and total outstanding loss & ALAE after inflation and discount as shown in Columns (4) and (7) of Exhibit I, Sheet 1a of reserve reports evaluated as of 12/31/2012 and subsequent.

Adjusted to Birth Year Level

Birth Year	BY Level Paid (a) Loss & ALAE @ 3/31/21	Estimated Unpaid Loss & ALAE @ 3/31/21 Based on Increased Utilization Rate of (b)			Indicated Ultimate Loss & ALAE Based on Increased Utilization Rate of			Selected Total Limits Ultimate Loss & ALAE	Difference Between Selected Ultimate and Incremental Payment Method		
		1.00%	2.00%	3.00%	1.00%	2.00%	3.00%		1.00%	2.00%	3.00%
		(3)	(4)	(5)	(2) + (3)	(2) + (4)	(2) + (5)		(9) - (6)	(9) - (7)	(9) - (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1989	12,320,339	9,230,445	11,822,755	15,462,953	21,550,785	24,143,094	27,783,292	22,671,711	1,120,926	(1,471,383)	(5,111,582)
1990	4,829,605	4,142,916	4,785,060	5,585,436	8,972,521	9,614,665	10,415,041	10,640,437	1,667,916	1,025,772	225,396
1991	7,271,789	13,902,849	17,107,950	21,453,748	21,174,638	24,379,739	28,725,537	20,858,124	(316,514)	(3,521,615)	(7,867,413)
1992	12,051,584	25,804,126	31,882,114	40,209,908	37,855,710	43,933,698	52,261,491	40,914,729	3,059,020	(3,018,969)	(11,346,762)
1993	17,520,566	22,702,847	27,679,947	34,432,119	40,223,413	45,200,513	51,952,685	41,053,978	830,565	(4,146,536)	(10,898,707)
1994	6,323,720	11,334,951	15,046,466	20,623,518	17,658,671	21,370,186	26,947,238	18,483,095	824,423	(2,887,091)	(8,464,143)
1995	8,794,155	20,450,829	25,204,695	31,798,210	29,244,984	33,998,850	40,592,365	27,664,394	(1,580,590)	(6,334,457)	(12,927,972)
1996	8,271,775	14,849,961	17,078,210	19,947,479	23,121,736	25,349,984	28,219,254	26,142,541	3,020,805	792,557	(2,076,713)
1997	10,124,303	25,948,100	31,973,423	40,401,482	36,072,403	42,097,727	50,525,786	37,315,247	1,242,844	(4,782,479)	(13,210,538)
1998	17,865,685	40,384,779	48,350,157	59,185,715	58,250,463	66,215,841	77,051,400	62,463,346	4,212,883	(3,752,496)	(14,588,054)
1999	10,233,792	9,764,851	11,076,908	12,762,533	19,998,643	21,310,701	22,996,326	24,310,330	4,311,687	2,999,629	1,314,004
2000	5,378,227	9,332,763	10,630,576	12,313,324	14,710,990	16,008,803	17,691,551	16,394,075	1,683,085	385,272	(1,297,476)
2001	7,376,305	17,162,927	20,295,675	24,548,730	24,539,232	27,671,979	31,925,034	26,865,611	2,326,379	(806,368)	(5,059,423)
2002	14,772,656	39,035,035	44,643,872	52,005,210	53,807,690	59,416,527	66,777,866	63,824,624	10,016,934	4,408,097	(2,953,242)
2003	4,497,130	8,618,469	9,363,721	10,286,985	13,115,598	13,860,851	14,784,115	14,862,926	1,747,327	1,002,075	78,811
2004	5,073,154	18,964,410	22,684,372	27,848,128	24,037,564	27,757,526	32,921,283	25,987,939	1,950,375	(1,769,587)	(6,933,344)
2005	7,648,525	21,957,853	24,971,250	28,938,124	29,606,378	32,619,775	36,586,648	33,391,835	3,785,458	772,060	(3,194,813)
2006	8,902,117	34,154,679	39,165,554	45,847,214	43,056,796	48,067,671	54,749,331	48,170,045	5,113,249	102,374	(6,579,286)
2007	9,768,845	26,202,963	28,485,966	31,353,498	35,971,807	38,254,811	41,122,342	39,454,048	3,482,241	1,199,238	(1,668,294)
2008	5,996,257	39,900,068	46,921,383	56,600,846	45,896,325	52,917,640	62,597,103	52,513,800	6,617,475	(403,840)	(10,083,303)
2009	8,237,881	47,154,982	54,728,202	65,047,215	55,392,863	62,966,083	73,285,096	66,168,021	10,775,157	3,201,938	(7,117,075)
2010	3,174,166	28,256,629	34,963,350	44,782,995	31,430,795	38,137,516	47,957,161	33,182,375	1,751,581	(4,955,140)	(14,774,786)
2011	5,372,356	38,569,217	44,259,121	51,952,962	43,941,573	49,631,477	57,325,317	55,042,180	11,100,607	5,410,703	(2,283,137)
2012	3,512,238	31,004,198	36,305,335	43,648,551	34,516,436	39,817,573	47,160,789	37,696,637	3,180,201	(2,120,936)	(9,464,152)
2013	5,163,050	22,880,127	24,835,177	27,322,813	28,043,177	29,998,227	32,485,863	36,891,608	8,848,431	6,893,381	4,405,744
2014	5,923,923	27,741,055	29,822,742	32,445,035	33,664,978	35,746,665	38,368,958	45,231,049	11,566,071	9,484,384	6,862,091
2015	4,572,608	62,100,369	69,052,320	78,200,792	66,672,977	73,624,928	82,773,400	82,006,882	15,333,905	8,381,954	(766,517)
2016	1,004,769	23,753,886	26,249,541	29,517,877	24,758,655	27,254,310	30,522,646	28,439,610	3,680,955	1,185,299	(2,083,037)
2017	1,874,802	51,271,368	55,834,673	61,717,171	53,146,170	57,709,475	63,591,973	58,550,541	5,404,371	841,066	(5,041,432)
2018	2,794,379	74,321,939	82,082,375	92,279,654	77,116,318	84,876,754	95,074,033	86,770,463	9,654,145	1,893,709	(8,303,569)
2019	1,655,739	61,420,384	67,804,353	76,202,022	63,076,122	69,460,092	77,857,761	75,714,771	12,638,649	6,254,679	(2,142,990)
2020	8,495	50,737,036	57,058,941	65,563,012	50,745,531	57,067,436	65,571,507	67,959,566	17,214,034	10,892,129	2,388,058
2021 (3 Mo)	0	15,215,682	17,046,323	19,494,621	15,215,682	17,046,323	19,494,621	19,906,644	4,690,962	2,860,321	412,023
Totals:	228,314,932	948,272,691	1,089,212,509	1,279,779,881	1,176,587,623	1,317,527,441	1,508,094,813	1,347,543,181	170,955,558	30,015,740	(160,551,631)
Excl. 2021	228,314,932	933,057,009	1,072,166,186	1,260,285,259	1,161,371,941	1,300,481,118	1,488,600,191	1,327,636,537	166,264,596	27,155,419	(160,963,654)

Notes: (a) See Exhibit VIII, Sheet 1, Column (2).

(b) See totals by birth year on Appendix E, Exhibit III, Sheet 1g based on increased utilization rate of 2.00%.

Payment Pattern - 2021 Level - Before Inflation and Investment Income (a)
Actual and Estimated Incremental Payments - 2021 Cost Level

Year of Birth	Maturity (months) 3:15	Maturity (months) 15:27	Maturity (months) 27:39	Maturity (months) 39:51	Maturity (months) 51:63	Maturity (months) 63:75	Maturity (months) 75:87	Maturity (months) 87:99	Maturity (months) 99:111	Maturity (months) 111:123	Maturity (months) 123:135	Maturity (months) 135:147	Maturity (months) 147:159	Maturity (months) 159:171	Maturity (months) 171:183	Maturity (months) 183:195	Maturity (months) 195:207	Maturity (months) 207:219
1989	0	0	2,116,235	1,205,494	1,484,690	657,891	511,173	605,026	833,729	466,276	494,393	1,786,233	316,867	566,535	429,090	490,684	530,105	460,870
1990	0	562,025	838,759	82,096	438,778	273,898	211,488	117,310	154,122	97,335	96,402	137,043	187,948	323,797	357,203	389,355	355,850	156,090
1991	3,125	321,239	55,485	576,903	441,474	186,892	126,949	65,559	50,539	146,678	131,851	182,300	157,639	150,768	180,506	177,785	368,836	629,104
1992	17,053	347,516	953,532	1,356,878	624,498	465,134	368,242	340,876	255,651	303,915	346,021	473,324	431,204	410,551	389,982	449,206	500,917	536,834
1993	2,537	318,463	1,034,840	909,577	1,224,700	1,025,921	1,109,687	1,051,506	1,075,108	1,111,600	970,551	866,923	1,103,016	1,052,041	797,020	786,556	719,763	845,234
1994	281,535	781,012	686,690	682,810	363,810	1,038,983	397,356	441,288	253,785	74,972	302,419	660,474	83,722	94,322	192,459	160,550	184,613	150,376
1995	3,588	181,829	867,204	572,706	104,948	137,490	196,166	121,496	261,734	292,069	903,177	336,495	455,491	509,993	133,875	1,436,536	343,291	377,114
1996	6,073	885,245	308,813	742,549	383,553	915,277	594,225	359,094	410,328	428,417	352,550	422,493	367,533	409,984	481,483	484,895	336,573	404,274
1997	17,344	786,196	520,136	392,704	565,020	905,711	525,807	405,114	420,927	289,500	502,421	667,603	750,453	652,772	665,493	1,033,873	627,926	552,223
1998	46,320	998,840	1,064,803	1,036,309	664,373	559,878	1,704,723	758,923	923,606	696,352	957,376	982,544	1,113,678	1,111,495	1,074,857	1,432,767	1,312,177	1,304,567
1999	707,517	625,894	417,344	761,512	794,760	604,349	495,930	815,752	1,156,101	781,709	678,907	840,772	771,162	565,401	684,620	679,803	511,760	497,378
2000	439,119	668,464	703,423	619,858	365,667	257,944	174,717	216,224	193,404	171,366	333,567	260,718	250,930	335,551	326,260	277,879	317,651	312,832
2001	156,667	503,358	840,776	576,354	518,978	1,086,406	580,677	352,515	268,103	329,510	346,754	386,845	492,575	468,787	552,965	456,990	442,586	513,837
2002	160,320	724,425	922,777	885,260	1,059,282	786,371	1,631,466	1,053,191	1,063,462	931,270	1,129,343	1,309,268	1,100,731	1,165,385	1,104,261	1,018,955	1,043,133	1,064,786
2003	279,719	348,418	132,595	141,603	392,490	658,040	197,999	189,706	300,882	296,481	270,550	424,621	461,587	392,351	378,578	307,404	306,978	370,415
2004	4,849	456,894	778,297	580,361	344,907	519,290	429,857	405,807	207,212	348,381	353,670	332,136	301,072	313,802	383,735	398,207	369,960	414,563
2005	30	29,439	948,186	951,460	632,976	1,279,346	789,655	644,978	515,413	483,161	468,513	463,527	518,603	531,822	653,709	794,570	595,275	601,664
2006	2,368	351,974	438,813	1,047,841	799,403	1,922,759	867,647	738,614	633,644	637,507	736,352	762,046	657,296	802,574	752,048	1,035,506	830,731	841,146
2007	140,631	547,051	939,811	1,150,329	901,280	1,107,062	966,325	911,406	955,611	921,217	889,290	858,606	979,611	838,743	922,075	1,073,256	852,208	853,860
2008	6,347	419,935	672,929	710,028	396,048	400,485	607,351	666,782	732,304	792,982	595,826	597,493	746,256	796,185	783,147	924,059	744,035	756,181
2009	362,585	433,808	1,102,887	983,957	560,064	579,894	815,852	1,400,893	586,563	659,187	717,489	974,187	954,675	941,389	924,950	1,090,146	876,754	890,016
2010	127,254	990,006	191,131	664,810	243,590	167,475	256,428	188,252	180,418	185,203	197,109	391,744	397,638	394,101	389,227	461,171	372,904	380,640
2011	18,737	210,872	1,048,195	531,661	823,274	712,061	667,988	628,556	499,562	552,008	698,154	775,222	782,358	770,872	756,811	891,257	716,204	726,424
2012	23,385	251,490	776,551	731,219	423,397	280,033	435,826	366,364	398,704	437,661	484,676	539,369	545,556	538,771	530,171	625,833	504,129	512,589
2013	138,646	811,739	1,070,451	718,250	631,472	651,084	740,005	619,254	479,072	477,388	523,165	576,055	576,425	563,066	547,945	639,508	509,198	511,627
2014	172,030	827,782	998,120	1,419,360	1,097,665	792,578	831,732	701,938	603,695	600,447	656,777	721,784	720,838	702,737	682,486	794,891	631,586	633,232
2015	625	533,389	1,037,469	1,344,631	727,500	1,071,011	1,273,238	1,154,730	999,963	1,001,539	1,103,262	1,221,177	1,228,468	1,206,490	1,180,558	1,385,580	1,109,587	1,121,439
2016	373,065	144,826	78,776	238,003	196,767	526,789	490,211	444,309	384,518	384,879	423,697	468,675	471,161	462,420	452,171	530,326	424,387	428,607
2017	173,087	471,058	552,661	713,808	945,144	1,210,187	1,123,678	1,016,191	877,455	876,269	962,409	1,062,069	1,065,155	1,042,862	1,017,232	1,190,050	949,872	956,789
2018	155,992	1,287,403	1,389,349	1,461,833	1,186,874	1,523,671	1,418,480	1,286,212	1,113,613	1,115,154	1,228,178	1,359,176	1,367,018	1,342,288	1,313,166	1,540,892	1,233,696	1,246,599
2019	20,691	1,649,438	879,694	1,180,344	958,565	1,230,740	1,145,926	1,039,215	899,885	901,256	992,742	1,098,787	1,105,288	1,085,455	1,062,065	1,246,438	998,103	1,008,704
2020	8,525	386,841	621,056	838,450	684,001	880,396	821,778	747,141	648,633	651,313	719,322	798,290	805,194	792,926	778,018	915,696	735,404	745,443
2021	19,583	96,961	186,298	253,180	208,295	268,078	250,197	227,441	197,425	198,211	218,875	242,865	244,922	241,141	236,551	278,338	223,473	226,461

Notes: (a) For the actual incremental payments at 2021 level, see Appendix E, Exhibit IV, Sheets 3a through 3d. For the estimates of average incremental payments at 2021 level, see Appendix E, Exhibit III, Sheets 1a through 1g, then adjusted to 2021 level (factors from Appendix E, Exhibit II, Sheet 3, Column (5)).

Average Incremental Payments Per Open Accepted Claim - 2021 Cost Level (a)
Actual and Estimated Incremental Payments - 2021 Cost Level

Year of Birth	Maturity (months) 3:15	Maturity (months) 15:27	Maturity (months) 27:39	Maturity (months) 39:51	Maturity (months) 51:63	Maturity (months) 63:75	Maturity (months) 75:87	Maturity (months) 87:99	Maturity (months) 99:111	Maturity (months) 111:123	Maturity (months) 123:135	Maturity (months) 135:147	Maturity (months) 147:159	Maturity (months) 159:171	Maturity (months) 171:183	Maturity (months) 183:195	Maturity (months) 195:207	Maturity (months) 207:219
1989			264,529	150,687	164,966	82,236	63,897	75,628	104,216	58,285	70,628	297,706	52,811	113,307	85,818	98,137	106,021	92,174
1990		187,342	119,823	11,728	62,683	39,128	30,213	16,759	22,017	13,905	13,772	19,578	26,850	46,257	51,029	64,893	71,170	39,023
1991	3,125	321,239	18,495	144,226	110,369	46,723	31,737	16,390	12,635	36,669	32,963	45,575	39,410	37,692	45,127	44,446	92,209	157,276
1992	8,526	86,879	79,461	104,375	48,038	38,761	30,687	28,406	23,241	27,629	31,456	43,029	39,200	37,323	38,998	44,921	50,092	59,648
1993	1,269	63,693	94,076	75,798	111,336	93,266	100,881	95,591	97,737	101,055	88,232	78,811	100,274	105,204	88,558	98,320	89,970	105,654
1994	140,767	390,506	137,338	113,802	60,635	148,426	56,765	88,258	63,446	18,743	75,605	165,119	20,930	23,580	48,115	40,137	46,153	37,594
1995		60,610	144,534	95,451	17,491	22,915	39,233	24,299	52,347	58,414	180,635	67,299	91,098	101,999	26,775	287,307	68,658	75,423
1996	3,036	295,082	77,203	148,510	63,926	152,546	99,037	59,849	68,388	71,403	58,758	70,416	61,256	68,331	80,247	80,816	56,095	67,379
1997	17,344	112,314	65,017	56,101	70,628	100,635	58,423	45,013	46,770	32,167	55,825	74,178	83,384	72,530	73,944	114,875	78,491	69,028
1998	11,580	142,691	118,311	86,359	60,398	46,656	142,060	63,244	76,967	58,029	79,781	81,879	92,807	92,625	89,571	119,397	109,348	108,714
1999	235,839	208,631	139,115	108,787	99,345	75,544	61,991	116,536	165,157	111,673	96,987	120,110	128,527	94,234	136,924	169,951	127,940	124,345
2000	219,560	167,116	140,685	123,972	73,133	51,589	34,943	43,245	38,681	34,273	66,713	52,144	50,186	67,110	65,252	55,576	63,530	62,566
2001		503,358	420,388	288,177	129,744	271,602	145,169	88,129	67,026	82,377	86,689	96,711	123,144	117,197	138,241	114,247	110,647	128,459
2002	80,160	144,885	83,889	68,097	81,483	52,425	108,764	70,213	70,897	62,085	75,290	93,519	78,624	83,242	84,943	78,381	80,241	81,907
2003			66,298	47,201	130,830	219,347	66,000	63,235	100,294	98,827	90,183	141,540	153,862	130,784	126,193	102,468	102,326	123,472
2004		228,447	259,432	145,090	68,981	103,858	85,971	81,161	41,442	69,676	70,734	66,427	60,214	62,760	76,747	79,641	73,992	82,913
2005	30	5,888	135,455	95,146	63,298	127,935	78,966	71,664	64,427	69,023	66,930	66,218	74,086	75,975	93,387	113,510	85,039	87,282
2006	2,368	117,325	62,688	116,427	79,940	192,276	86,765	73,861	63,364	63,751	73,635	84,672	73,033	89,175	83,561	115,056	93,536	96,003
2007		182,350	134,259	164,333	112,660	138,383	120,791	113,926	119,451	115,152	127,041	122,658	139,944	119,820	131,725	156,896	127,550	130,914
2008	6,347	83,987	84,116	78,892	44,005	40,048	60,735	66,678	73,230	88,109	66,203	66,388	82,917	88,465	87,823	104,604	85,039	87,282
2009	362,585	72,301	137,861	109,329	56,006	57,989	81,585	140,089	58,656	65,919	71,749	97,419	95,467	95,099	94,408	112,448	91,416	93,827
2010	127,254	330,002	31,855	110,802	40,598	27,912	51,286	37,650	36,084	37,041	39,422	78,349	79,925	79,617	79,038	94,142	76,534	78,552
2011	9,368	35,145	116,466	48,333	82,327	71,206	66,799	62,856	49,956	55,201	69,815	78,349	79,925	79,617	79,038	94,142	76,534	78,552
2012	11,693	83,830	110,936	104,460	60,485	40,005	62,261	52,338	56,958	62,523	69,815	78,349	79,925	79,617	79,038	94,142	76,534	78,552
2013	69,323	162,348	178,408	102,607	90,210	93,012	105,715	88,465	68,439	69,472	77,574	87,056	88,808	88,465	87,823	104,604	85,039	87,282
2014	57,343	103,473	99,812	141,936	109,766	88,064	92,415	77,993	68,439	69,472	77,574	87,056	88,808	88,465	87,823	104,604	85,039	87,282
2015	625	177,796	115,274	134,463	55,962	71,401	84,883	77,993	68,439	69,472	77,574	87,056	88,808	88,465	87,823	104,604	85,039	87,282
2016		72,413	26,259	47,601	39,353	89,993	84,883	77,993	68,439	69,472	77,574	87,056	88,808	88,465	87,823	104,604	85,039	87,282
2017	173,087	67,294	46,055	59,484	74,042	89,993	84,883	77,993	68,439	69,472	77,574	87,056	88,808	88,465	87,823	104,604	85,039	87,282
2018	38,998	117,037	92,623	97,977	74,042	89,993	84,883	77,993	68,439	69,472	77,574	87,056	88,808	88,465	87,823	104,604	85,039	87,282
2019	5,173	206,180	106,128	97,977	74,042	89,993	84,883	77,993	68,439	69,472	77,574	87,056	88,808	88,465	87,823	104,604	85,039	87,282
2020	8,525	134,623	106,128	97,977	74,042	89,993	84,883	77,993	68,439	69,472	77,574	87,056	88,808	88,465	87,823	104,604	85,039	87,282
2021	88,597	134,623	106,128	97,977	74,042	89,993	84,883	77,993	68,439	69,472	77,574	87,056	88,808	88,465	87,823	104,604	85,039	87,282

Notes: (a) For the actual average incremental payments per open accepted claim at 2021 level, see Appendix E, Exhibit IV, Sheets 1a through 1d. For the estimates of average incremental payments per open accepted claim at 2021 level, see Appendix E, Exhibit III, Sheets 2a through 2g, then adjusted to 2021 level (factors from Appendix E, Exhibit II, Sheet 3, Column (5)).

Summary of 2021 Level Incremental Payments by Maturity

Maturity (Months)	2021 Level (a) Average Incremental Payments per Open Accepted Claim Based on Annual Increase Utilization Rate of			Maturity (Months)	2021 Level (a) Average Incremental Payments per Open Accepted Claim Based on Annual Increase Utilization Rate of		
	1.00%	2.00%	3.00%		1.00%	2.00%	3.00%
	(2)	(3)	(4)		(6)	(7)	(8)
3:15	89,060	89,060	89,060	735:747	157,194	211,251	283,081
15:27	135,327	135,327	135,327	747:759	158,766	215,476	291,574
27:39	106,683	106,683	106,683	759:771	160,354	219,786	300,321
39:51	98,489	98,489	98,489	771:783	161,957	224,182	309,331
51:63	74,429	74,429	74,429	783:795	163,577	228,665	318,611
63:75	90,463	90,463	90,463	795:807	165,212	233,239	328,169
75:87	85,326	85,326	85,326	807:819	166,865	237,903	338,014
87:99	78,401	78,401	78,401	819:831	168,533	242,662	348,154
99:111	68,797	68,797	68,797	831:843	170,218	247,515	358,599
111:123	69,835	69,835	69,835	843:855	171,921	252,465	369,357
123:135	77,980	77,980	77,980	855:867	173,640	257,514	380,438
135:147	87,511	87,511	87,511	867:879	175,376	262,665	391,851
147:159	89,272	89,272	89,272	879:891	177,130	267,918	403,606
159:171	88,927	88,927	88,927	891:903	178,901	273,276	415,715
171:183	88,282	88,282	88,282	903:915	180,690	278,742	428,186
183:195	105,151	105,151	105,151	915:927	182,497	284,317	441,032
195:207	85,484	85,484	85,484	927:939	184,322	290,003	454,262
207:219	87,738	87,738	87,738	939:951	186,165	295,803	467,890
219:231	94,323	94,323	94,323	951:963	188,027	301,719	481,927
231:243	97,890	97,890	97,890	963:975	189,907	307,753	496,385
243:255	98,142	98,142	98,142	975:987	191,806	313,909	511,276
255:267	107,753	107,753	107,753	987:999	193,725	320,187	526,615
267:279	102,000	102,000	102,000	999:1011	195,662	326,590	542,413
279:291	103,530	103,530	103,530	1011:1023	197,618	333,122	558,686
291:303	105,083	105,083	105,083	1023:1035	199,595	339,785	575,446
303:315	106,659	106,659	106,659	1035:1047	201,591	346,580	592,709
315:327	108,259	108,259	108,259	1047:1059	203,606	353,512	610,491
327:339	109,883	109,883	109,883	1059:1071	205,642	360,582	628,806
339:351	111,531	111,531	111,531	1071:1083	207,699	367,794	647,670
351:363	113,204	113,204	113,204	1083:1095	209,776	375,150	667,100
363:375	114,902	114,902	114,902	1095:1107	211,874	382,653	687,113
375:387	116,626	116,626	116,626	1107:1119	213,992	390,306	707,726
387:399	117,792	118,958	120,125	1119:1131	216,132	398,112	728,958
399:411	118,970	121,337	123,728	1131:1143	218,294	406,074	750,827
411:423	120,160	123,764	127,440	1143:1155	220,477	414,196	773,351
423:435	121,361	126,239	131,263	1155:1167	222,681	422,480	796,552
435:447	122,575	128,764	135,201	1167:1179	224,908	430,929	820,449
447:459	123,801	131,340	139,257	1179:1191	227,157	439,548	845,062
459:471	125,039	133,966	143,435	1191:1203	229,429	448,339	870,414
471:483	126,289	136,646	147,738	1203:1215	231,723	457,305	896,526
483:495	127,552	139,379	152,170	1215:1227	234,040	466,452	923,422
495:507	128,827	142,166	156,735	1227:1239	236,381	475,781	951,125
507:519	130,116	145,009	161,437	1239:1251	238,745	485,296	979,658
519:531	131,417	147,910	166,280	1251:1263	241,132	495,002	1,009,048
531:543	132,731	150,868	171,269	1263:1275	243,543	504,902	1,039,320
543:555	134,058	153,885	176,407	1275:1287	245,979	515,000	1,070,499
555:567	135,399	156,963	181,699	1287:1299	248,439	525,300	1,102,614
567:579	136,753	160,102	187,150	1299:1311	250,923	535,806	1,135,693
579:591	138,120	163,304	192,765	1311:1323	253,432	546,522	1,169,763
591:603	139,502	166,570	198,548	1323:1335	255,966	557,453	1,204,856
603:615	140,897	169,902	204,504	1335:1347	258,526	568,602	1,241,002
615:627	142,306	173,300	210,639	1347:1359	261,111	579,974	1,278,232
627:639	143,729	176,766	216,958	1359:1371	263,722	591,573	1,316,579
639:651	145,166	180,301	223,467	1371:1383	266,360	603,405	1,356,076
651:663	146,618	183,907	230,171	1383:1395	269,023	615,473	1,396,759
663:675	148,084	187,585	237,076	1395:1407	271,714	627,782	1,438,662
675:687	149,565	191,337	244,188	1407:1419	274,431	640,338	1,481,821
687:699	151,060	195,164	251,514	1419:1431	277,175	653,145	1,526,276
699:711	152,571	199,067	259,060	1431:1443	279,947	666,208	1,572,064
711:723	154,097	203,048	266,831	1443:1455	282,746	679,532	1,619,226
723:735	155,638	207,109	274,836	1455:1467	285,574	693,122	1,667,803

Note: (a) For average incremental payments from 3:15 to 375:387, see Appendix E, Exhibit IV, Sheets 1a, 1b, 1c, and 1d. For average incremental payments from 387:399 and subsequent, they are based on utilization trend rates of 1.00%, 2.00% and 3.00% for columns (2), (3) and (4) (or (6), (7) and (8)), respectively.

Selected Relativity Factors to Adjust for Difference in Claim Size by Birth Year

All Open Accepted Claims (AAA Only) with Life Expectancy

A. Off-Balance Adjustment Factor

1.00527

Birth Year	Indicated Birth Year Relativity of Remaining Average Annual Loss & ALAE Payments Based on		Selected Relativity Factors to Adjust for Difference in Claim Size By Birth Year	
	Average (a) Incremental Payments to Date	Current (b) Case Outstanding	Before Off-Balance	After Off-Balance (4) / (A)
	(2)	(3)	(4)	(5)
1989	0.672	0.949	0.900	0.895
1990	0.589	0.964	0.800	0.796
1991	1.181	1.198	1.175	1.169
1992	0.834	1.029	0.900	0.895
1993	0.712	0.917	0.925	0.920
1994	0.749	0.827	0.750	0.746
1995	1.176	1.068	1.150	1.144
1996	0.897	1.173	1.050	1.045
1997	0.715	0.871	0.850	0.846
1998	1.079	1.157	1.100	1.094
1999	1.108	1.498	1.350	1.343
2000	0.556	1.096	0.900	0.895
2001	1.298	1.291	1.250	1.243
2002	0.898	1.177	1.050	1.045
2003	1.348	1.477	1.450	1.442
2004	0.749	0.969	0.950	0.945
2005	0.621	0.989	1.000	0.995
2006	1.044	1.117	1.100	1.094
2007	1.620	1.352	1.500	1.492
2008	0.683	1.038	1.000	0.995
2009	0.966	1.136	1.075	1.069
2010	0.548	0.885	0.900	0.895
2011	0.748	0.975	0.900	0.895
2012	0.644	0.848	0.900	0.895
2013	1.173	1.016	1.000	0.995
2014	1.117	0.964	1.000	0.995
2015	1.038	0.937	1.000	0.995
2016	0.529	0.789	1.000	0.995
2017	0.958	0.711	1.000	0.995
2018	0.993	0.743	1.000	0.995
2019	2.464	0.835	1.000	0.995
2020			1.000	0.995
2021			1.000	0.995

Notes: (a) See Appendix E, Exhibit VI, Sheet 1, Column (8).
(b) See Appendix E, Exhibit VI, Sheet 1, Column (11).

Open Accepted Claims (AAA Only) @ 3/31/21									
Birth Year	Paid Basis		Case Outstanding Basis		Reported (a) Open		Ultimate Open	Average Life Expectancy	
	Annual Inflation Factors	2021 Level Adjustment Factors	Annual Inflation Factors	2021 Level Adjustment Factors	Accepted Claim Cts. AAA Only	IBNR (a) Accepted Claim Cts.	Accepted Claim Cts. (6) + (7)	Selected (c) Indicated (b) (9) x 1.235	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	1.75%	1.545	0.81%	1.443	3	-	3	27.02	33.37
1990	1.68%	1.518	0.74%	1.431	3	-	3	14.67	18.12
1991	1.48%	1.493	0.52%	1.421	4	-	4	23.88	29.49
1992	1.50%	1.471	0.46%	1.413	9	-	9	25.57	31.58
1993	1.54%	1.450	0.41%	1.407	8	-	8	24.85	30.69
1994	1.22%	1.428	0.38%	1.401	3	-	3	38.02	46.95
1995	1.02%	1.410	0.35%	1.396	5	-	5	28.52	35.22
1996	1.04%	1.396	0.34%	1.391	6	-	6	20.02	24.72
1997	0.91%	1.382	0.25%	1.386	8	-	8	30.61	37.80
1998	0.93%	1.369	0.28%	1.383	11	-	11	27.47	33.93
1999	0.97%	1.357	0.36%	1.379	3	-	3	20.83	25.73
2000	0.99%	1.344	0.39%	1.374	4	-	4	22.30	27.54
2001	1.09%	1.330	0.32%	1.369	4	-	4	28.59	35.31
2002	1.16%	1.316	0.35%	1.364	13	-	13	24.59	30.37
2003	1.09%	1.301	0.29%	1.359	3	-	3	17.95	22.17
2004	1.41%	1.287	4.94%	1.356	5	-	5	33.09	40.87
2005	1.30%	1.269	0.87%	1.292	7	-	7	26.20	32.36
2006	1.07%	1.253	4.86%	1.281	9	-	9	28.38	35.05
2007	1.18%	1.239	0.50%	1.221	7	-	7	20.86	25.76
2008	9.95%	1.225	4.55%	1.215	9	-	9	34.10	42.11
2009	4.26%	1.114	0.33%	1.162	10	-	10	32.86	40.58
2010	0.84%	1.069	0.32%	1.158	5	-	5	44.17	54.55
2011	0.94%	1.060	0.42%	1.155	10	-	10	32.66	40.34
2012	0.73%	1.050	9.83%	1.150	7	-	7	36.83	45.49
2013	0.56%	1.042	0.59%	1.047	7	-	7	24.65	30.44
2014	0.51%	1.036	0.19%	1.041	9	-	9	23.60	29.15
2015	0.44%	1.031	0.17%	1.039	15	-	15	30.32	37.45
2016	0.73%	1.027	2.01%	1.037	5	1	6	30.00	37.05
2017	0.53%	1.019	0.22%	1.017	12	2	14	28.00	34.58
2018	0.50%	1.014	0.22%	1.014	15	3	18	31.00	38.29
2019	0.51%	1.009	1.01%	1.012	8	7	15	31.00	38.29
2020	0.36%	1.004	0.20%	1.002	1	12	13	29.00	35.82
2021		1.000		1.000	-	4	4	29.00	35.82
Totals:					228	29	257		

Notes: (a) Current reported open accepted claims alive as of March 31, 2021. See Exhibit X, Sheet 1e, Columns (4) and (7).
(b) Current average remaining life expectancy based on NICA physician estimates.
(c) Final selected remaining life expectancy estimated to include consideration of increased life expectancy over time by 0.2 per year.

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate **2.00%**

Year of Birth	Maturity (months) 3:15	Maturity (months) 15:27	Maturity (months) 27:39	Maturity (months) 39:51	Maturity (months) 51:63	Maturity (months) 63:75	Maturity (months) 75:87	Maturity (months) 87:99	Maturity (months) 99:111	Maturity (months) 111:123	Maturity (months) 123:135	Maturity (months) 135:147	Maturity (months) 147:159	Maturity (months) 159:171	Maturity (months) 171:183	Maturity (months) 183:195	Maturity (months) 195:207	Maturity (months) 207:219
1989																		
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1998																		
1999																		
2000																		
2001																		
2002																		
2003																		
2004																		305,831
2005																	460,846	465,792
2006																808,601	648,698	656,831
2007															754,999	878,787	697,792	699,145
2008														655,195	644,466	760,425	612,280	622,275
2009													821,378	809,948	795,804	937,935	754,337	765,747
2010												338,174	343,262	340,210	336,002	398,107	321,911	328,589
2011											604,623	671,366	677,546	667,598	655,421	771,856	620,255	629,105
2012										380,631	421,520	469,086	474,467	468,566	461,086	544,283	438,438	445,795
2013								457,602	455,993	499,719	550,239	550,591	537,831	523,388	610,848	486,377	488,698	
2014							674,432	580,038	576,918	631,040	693,500	692,591	675,199	655,742	763,742	606,837	608,418	
2015						1,225,614	1,111,538	962,561	964,077	1,061,996	1,175,500	1,182,519	1,161,363	1,136,401	1,333,754	1,068,084	1,079,493	
2016						507,954	472,684	428,423	370,770	371,118	408,548	451,918	454,315	445,887	436,005	511,366	409,214	413,283
2017					929,639	1,190,333	1,105,244	999,520	863,061	861,894	946,620	1,044,646	1,047,681	1,025,753	1,000,544	1,170,527	934,289	941,093
2018				1,441,055	1,170,004	1,502,014	1,398,317	1,267,930	1,097,784	1,099,303	1,210,721	1,339,856	1,347,587	1,323,209	1,294,501	1,518,990	1,216,161	1,228,880
2019			869,093	1,166,120	947,014	1,215,909	1,132,117	1,026,692	889,041	890,396	980,779	1,085,546	1,091,969	1,072,375	1,049,267	1,231,418	986,075	996,549
2020		386,057	619,798	836,751	682,615	878,612	820,112	745,627	647,318	649,993	717,864	796,672	803,562	791,319	776,441	913,840	733,914	743,932
2021	19,583	96,961	186,298	253,180	208,295	268,078	250,197	227,441	197,425	198,211	218,875	242,865	244,922	241,141	236,551	278,338	223,473	226,461

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 219:231	Maturity (months) 231:243	Maturity (months) 243:255	Maturity (months) 255:267	Maturity (months) 267:279	Maturity (months) 279:291	Maturity (months) 291:303	Maturity (months) 303:315	Maturity (months) 315:327	Maturity (months) 327:339	Maturity (months) 339:351	Maturity (months) 351:363	Maturity (months) 363:375	Maturity (months) 375:387	Maturity (months) 387:399	Maturity (months) 399:411	Maturity (months) 411:423	Maturity (months) 423:435
1989																		
1990																		
1991																		
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2018																		
2019																		
2020																		
2021																		

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 435:447	Maturity (months) 447:459	Maturity (months) 459:471	Maturity (months) 471:483	Maturity (months) 483:495	Maturity (months) 495:507	Maturity (months) 507:519	Maturity (months) 519:531	Maturity (months) 531:543	Maturity (months) 543:555	Maturity (months) 555:567	Maturity (months) 567:579	Maturity (months) 579:591	Maturity (months) 591:603	Maturity (months) 603:615	Maturity (months) 615:627	Maturity (months) 627:639	Maturity (months) 639:651
1989	228,828	230,543	232,200	233,796	235,327	236,787	238,170	239,470	240,677	241,786	242,786	243,669	244,425	245,043	245,512	245,820	245,955	245,904
1990	178,996	175,575	172,051	168,429	164,711	160,898	156,991	152,989	148,892	144,701	140,415	136,038	131,569	127,012	122,368	117,640	112,836	107,962
1991	384,953	385,900	386,685	387,301	387,740	387,993	388,050	387,895	387,517	386,900	386,031	384,893	383,471	381,745	379,698	377,310	374,563	371,440
1992	664,156	666,906	669,410	671,656	673,631	675,319	676,701	677,753	678,454	678,777	678,698	678,189	677,222	675,763	673,780	671,239	668,105	664,349
1993	594,780	596,299	597,569	598,578	599,316	599,769	599,919	599,744	599,226	598,341	597,067	595,379	593,254	590,661	587,572	583,958	579,790	575,044
1994	195,231	197,847	200,466	203,087	205,706	208,323	210,932	213,532	216,117	218,683	221,226	223,739	226,219	228,657	231,048	233,383	235,654	237,854
1995	466,494	469,248	471,858	474,314	476,608	478,730	480,665	482,398	483,914	485,195	486,223	486,981	487,446	487,597	487,409	486,859	485,921	484,573
1996	440,618	436,787	432,683	428,305	423,650	418,713	413,484	407,954	402,112	395,950	389,456	382,623	375,441	367,900	359,990	351,705	343,041	333,997
1997	549,715	553,570	557,278	560,828	564,209	567,411	570,417	573,210	575,771	578,081	580,120	581,865	583,293	584,378	585,090	585,402	585,285	584,710
1998	928,674	931,462	933,874	935,892	937,498	938,671	939,382	939,600	939,292	938,424	936,960	934,862	932,092	928,603	924,349	919,286	913,367	906,553
1999	265,619	263,140	260,498	257,689	254,712	251,565	248,244	244,740	241,050	237,168	233,088	228,805	224,314	219,610	214,687	209,542	204,173	198,582
2000	239,320	237,674	235,885	233,949	231,865	229,628	227,234	224,676	221,948	219,045	215,958	212,684	209,215	205,545	201,667	197,576	193,269	188,742
2001	371,955	372,949	373,788	374,467	374,976	375,308	375,452	375,395	375,124	374,625	373,884	372,885	371,613	370,051	368,179	365,980	363,436	360,530
2002	916,873	913,257	909,123	904,460	899,254	893,488	887,139	880,177	872,577	864,309	855,345	845,657	835,214	823,983	811,932	799,030	785,252	770,581
2003	222,065	217,301	212,419	207,426	202,324	197,119	191,811	186,399	180,886	175,273	169,562	163,756	157,860	151,876	145,808	139,664	133,452	127,183
2004	362,440	364,620	366,690	368,642	370,469	372,163	373,715	375,111	376,340	377,388	378,241	378,885	379,305	379,481	379,396	379,032	378,368	377,386
2005	478,327	476,764	474,937	472,838	470,461	467,795	464,829	461,548	457,936	453,978	449,660	444,964	439,876	434,378	428,449	422,076	415,242	407,938
2006	703,104	702,693	701,931	700,805	699,304	697,412	695,108	692,370	689,173	685,494	681,305	676,583	671,299	665,423	658,923	651,772	643,939	635,403
2007	585,584	576,010	566,083	555,808	545,191	534,235	522,935	511,287	499,285	486,930	474,217	461,148	447,723	433,944	419,812	405,334	390,523	375,399
2008	726,606	730,276	733,700	736,863	739,752	742,349	744,634	746,581	748,166	749,362	750,140	750,472	750,325	749,664	748,452	746,651	744,223	741,135
2009	869,920	872,763	875,261	877,397	879,154	880,512	881,445	881,922	881,914	881,388	880,311	878,647	876,358	873,404	869,740	865,323	860,110	854,063
2010	424,410	429,344	434,248	439,116	443,943	448,721	453,442	458,094	462,668	467,152	471,533	475,798	479,931	483,915	487,733	491,366	494,793	497,995
2011	700,773	702,170	703,262	704,037	704,481	704,578	704,307	703,644	702,564	701,043	699,052	696,564	693,550	689,976	685,809	681,015	675,561	669,420
2012	525,991	529,005	531,852	534,523	537,008	539,295	541,368	543,211	544,804	546,129	547,166	547,893	548,287	548,323	547,974	547,212	546,009	544,341
2013	437,192	431,886	426,307	420,455	414,329	407,928	401,246	394,274	387,006	379,436	371,558	363,366	354,857	346,024	336,863	327,374	317,557	307,421
2014	517,580	509,631	501,367	492,790	483,903	474,708	465,201	455,376	445,228	434,754	423,951	412,818	401,355	389,560	377,432	364,978	352,205	339,131
2015	1,107,227	1,103,525	1,099,208	1,094,262	1,088,669	1,082,410	1,075,453	1,067,765	1,059,310	1,050,056	1,039,965	1,029,001	1,017,128	1,004,304	990,487	975,639	959,726	942,726
2016	416,739	414,888	412,798	410,464	407,881	405,041	401,934	398,547	394,867	390,883	386,582	381,950	376,976	371,644	365,941	359,852	353,368	346,480
2017	892,381	884,884	876,840	868,240	859,080	849,348	839,027	828,095	816,530	804,314	791,425	777,845	763,556	748,536	732,763	716,224	698,909	680,819
2018	1,253,989	1,249,380	1,244,069	1,238,038	1,231,268	1,223,739	1,215,414	1,206,256	1,196,227	1,185,288	1,173,398	1,160,519	1,146,608	1,131,620	1,115,508	1,098,231	1,079,753	1,060,047
2019	1,020,740	1,017,236	1,013,165	1,008,511	1,003,259	997,392	990,881	983,695	975,801	967,169	957,765	947,556	936,509	924,585	911,745	897,955	883,185	867,413
2020	816,983	817,859	818,360	818,471	818,176	817,457	816,290	814,647	812,500	809,818	806,572	802,730	798,257	793,117	787,270	780,680	773,310	765,129
2021	247,216	247,367	247,401	247,311	247,094	246,741	246,245	245,596	244,785	243,804	242,642	241,290	239,737	237,969	235,977	233,750	231,277	228,551

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 651:663	Maturity (months) 663:675	Maturity (months) 675:687	Maturity (months) 687:699	Maturity (months) 699:711	Maturity (months) 711:723	Maturity (months) 723:735	Maturity (months) 735:747	Maturity (months) 747:759	Maturity (months) 759:771	Maturity (months) 771:783	Maturity (months) 783:795	Maturity (months) 795:807	Maturity (months) 807:819	Maturity (months) 819:831	Maturity (months) 831:843	Maturity (months) 843:855	Maturity (months) 855:867
1989	245,658	245,205	244,534	243,630	242,479	241,068	239,383	237,412	235,138	232,549	229,627	226,358	222,729	218,726	214,341	209,574	204,431	198,913
1990	103,029	98,051	93,039	88,004	82,959	77,919	72,901	67,920	62,996	58,145	53,386	48,738	44,220	39,852	35,658	31,660	27,883	24,342
1991	367,929	364,016	359,689	354,930	349,722	344,054	337,913	331,290	324,175	316,559	308,434	299,794	290,641	280,976	270,815	260,189	249,141	237,704
1992	659,942	654,861	649,075	642,553	635,259	627,164	618,244	608,471	597,820	586,265	573,781	560,346	545,950	530,579	514,244	496,985	478,854	459,895
1993	569,698	563,732	557,125	549,851	541,884	533,204	523,794	513,638	502,719	491,024	478,539	465,255	451,175	436,298	420,649	404,276	387,243	369,601
1994	239,974	242,007	243,943	245,771	247,479	249,056	250,489	251,766	252,871	253,789	254,503	254,994	255,244	255,234	254,943	254,358	253,466	252,248
1995	482,794	480,563	477,858	474,653	470,919	466,633	461,771	456,310	450,225	443,491	436,084	427,978	419,156	409,599	399,302	388,278	376,551	364,137
1996	324,582	314,804	304,676	294,204	283,398	272,276	260,860	249,176	237,250	225,111	212,793	200,333	187,777	175,171	162,577	150,071	137,735	125,638
1997	583,652	582,086	579,984	577,312	574,037	570,126	565,551	560,279	554,277	547,512	539,948	531,551	522,293	512,144	501,087	489,131	476,290	462,573
1998	898,808	890,100	880,395	869,650	857,821	844,876	830,784	815,517	799,047	781,348	762,394	742,168	720,668	697,888	673,859	648,653	622,360	595,057
1999	192,772	186,752	180,528	174,106	167,493	160,701	153,743	146,637	139,399	132,047	124,604	117,091	109,538	101,974	94,436	86,969	79,624	72,441
2000	183,999	179,042	173,874	168,498	162,915	157,134	151,164	145,015	138,699	132,229	125,620	118,891	112,063	105,159	98,212	91,262	84,352	77,521
2001	357,250	353,583	349,516	345,031	340,113	334,748	328,926	322,636	315,869	308,613	300,861	292,608	283,852	274,595	264,850	254,648	244,027	233,018
2002	755,009	738,534	721,154	702,861	683,649	663,528	642,515	620,630	597,901	574,358	550,037	524,985	499,270	472,958	446,153	418,997	391,648	364,243
2003	120,872	114,538	108,196	101,861	95,551	89,284	83,083	76,968	70,962	65,086	59,362	53,813	48,462	43,331	38,446	33,832	29,514	25,506
2004	376,072	374,407	372,376	369,957	367,128	363,871	360,168	355,999	351,346	346,189	340,507	334,282	327,499	320,143	312,209	303,708	294,656	285,065
2005	400,158	391,899	383,159	373,931	364,210	353,999	343,305	332,137	320,505	308,422	295,905	282,977	269,667	256,010	242,055	227,875	213,550	199,151
2006	626,147	616,159	605,423	593,919	581,629	568,545	554,662	539,977	524,492	508,209	491,135	473,283	454,681	435,357	415,367	394,798	373,752	352,319
2007	359,992	344,336	328,466	312,413	296,211	279,906	263,548	247,189	230,884	214,690	198,663	182,868	167,374	152,249	137,571	123,434	109,923	97,107
2008	737,353	732,848	727,588	721,533	714,641	706,880	698,216	688,615	678,045	666,471	653,860	640,181	625,414	609,536	592,549	574,485	555,391	535,302
2009	847,148	839,335	830,590	820,872	810,138	798,358	785,501	771,538	756,442	740,186	722,744	704,097	684,239	663,164	640,896	617,499	593,055	567,631
2010	500,951	503,643	506,048	508,140	509,891	511,273	512,260	512,820	512,921	512,527	511,603	510,107	508,002	505,245	501,801	497,645	492,757	487,106
2011	662,566	654,980	646,637	637,508	627,565	616,787	605,157	592,658	579,274	564,993	549,803	533,699	516,686	498,771	479,986	460,396	440,080	419,105
2012	542,183	539,512	536,304	532,529	528,156	523,159	517,511	511,187	504,160	496,401	487,884	478,582	468,477	457,547	445,788	433,218	419,865	405,747
2013	296,978	286,248	275,248	263,994	252,502	240,799	228,916	216,885	204,740	192,518	180,259	168,006	155,811	143,724	131,807	120,137	108,790	97,829
2014	325,777	312,174	298,350	284,330	270,143	255,827	241,425	226,981	212,542	198,157	183,877	169,758	155,860	142,245	128,984	116,162	103,858	92,137
2015	924,624	905,417	885,098	863,652	841,070	817,357	792,531	766,610	739,623	711,599	682,578	652,612	621,773	590,137	557,825	525,003	491,856	458,549
2016	339,188	331,491	323,389	314,880	305,963	296,642	286,928	276,832	266,367	255,548	244,395	232,930	221,186	209,194	197,003	184,680	172,297	159,918
2017	661,965	642,367	622,046	601,014	579,290	556,910	533,917	510,359	486,290	461,766	436,854	411,628	386,180	360,602	335,018	309,584	284,462	259,794
2018	1,039,103	1,016,915	993,481	968,785	942,818	915,591	887,125	857,447	826,589	794,590	761,498	727,375	692,308	656,387	619,750	582,590	545,118	507,525
2019	850,628	832,825	814,000	794,140	773,235	751,292	728,328	704,361	679,416	653,523	626,719	599,052	570,590	541,404	511,605	481,349	450,805	420,127
2020	756,111	746,237	735,482	723,816	711,209	697,641	683,100	667,570	651,041	633,503	614,952	595,388	574,829	553,290	530,820	507,504	483,443	458,728
2021	225,566	222,315	218,789	214,978	210,877	206,482	201,787	196,791	191,490	185,883	179,969	173,754	167,244	160,452	153,404	146,131	138,661	131,013

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 867:879	Maturity (months) 879:891	Maturity (months) 891:903	Maturity (months) 903:915	Maturity (months) 915:927	Maturity (months) 927:939	Maturity (months) 939:951	Maturity (months) 951:963	Maturity (months) 963:975	Maturity (months) 975:987	Maturity (months) 987:999	Maturity (months) 999:1011	Maturity (months) 1011:1023	Maturity (months) 1023:1035	Maturity (months) 1035:1047	Maturity (months) 1047:1059	Maturity (months) 1059:1071	Maturity (months) 1071:1083
1989	193,014	186,727	180,053	172,996	165,566	157,774	149,645	141,213	132,522	123,619	114,552	105,376	96,158	86,972	77,902	69,033	60,456	52,264
1990	21,048	18,009	15,229	12,714	10,465	8,480	6,752	5,275	4,035	3,016	2,195	1,552	1,061	699	441	265	151	81
1991	225,904	213,768	201,332	188,646	175,764	162,750	149,680	136,647	123,754	111,098	98,776	86,885	75,527	64,801	54,801	45,611	37,297	29,909
1992	440,132	419,594	398,326	376,393	353,874	330,858	307,465	283,847	260,173	236,613	213,336	190,522	168,365	147,067	126,828	107,837	90,270	74,274
1993	351,390	332,648	313,435	293,822	273,896	253,751	233,507	213,308	193,310	173,666	154,525	136,037	118,361	101,654	86,061	71,713	58,718	47,154
1994	250,682	248,739	246,396	243,626	240,403	236,702	232,500	227,781	222,533	216,744	210,400	203,491	196,017	187,985	179,412	170,326	160,766	150,785
1995	351,039	337,259	322,816	307,734	292,054	275,820	259,100	241,986	224,585	207,008	189,368	171,790	154,414	137,396	120,895	105,075	90,094	76,104
1996	113,835	102,380	91,333	80,755	70,705	61,239	52,413	44,280	36,880	30,240	24,368	19,258	14,894	11,244	8,262	5,890	4,058	2,691
1997	447,971	432,475	416,092	398,837	380,741	361,842	342,203	321,918	301,097	279,860	258,329	236,642	214,964	193,475	172,372	151,861	132,153	113,455
1998	566,798	537,637	507,660	476,973	445,703	413,995	382,030	350,031	318,239	286,897	256,237	226,500	197,945	170,824	145,383	121,844	100,396	81,185
1999	65,453	58,692	52,194	45,992	40,121	34,614	29,500	24,808	20,560	16,767	13,432	10,547	8,099	6,067	4,420	3,121	2,128	1,394
2000	70,799	64,216	57,809	51,611	45,662	39,995	34,647	29,656	25,052	20,860	17,092	13,757	10,855	8,377	6,307	4,619	3,280	2,249
2001	221,647	209,936	197,921	185,648	173,168	160,542	147,843	135,162	122,594	110,238	98,185	86,531	75,377	64,819	54,953	45,861	37,614	30,262
2002	336,899	309,729	282,870	256,471	230,689	205,685	181,632	158,716	137,112	116,969	98,404	81,513	66,370	53,018	41,462	31,666	23,555	17,013
2003	21,818	18,453	15,412	12,696	10,301	8,217	6,433	4,934	3,699	2,704	1,921	1,322	878	559	340	196	106	54
2004	274,938	264,275	253,088	241,398	229,234	216,629	203,635	190,324	176,777	163,079	149,318	135,591	122,007	108,687	95,754	83,338	71,564	60,551
2005	184,735	170,362	156,103	142,034	128,240	114,805	101,825	89,398	77,624	66,586	56,354	46,986	38,531	31,020	24,467	18,864	14,179	10,361
2006	330,570	308,578	286,440	264,262	242,166	220,281	198,754	177,754	157,453	138,009	119,565	102,257	86,213	71,545	58,339	46,654	36,512	27,897
2007	85,033	73,741	63,269	53,649	44,906	37,051	30,089	24,014	18,803	14,414	10,792	7,868	5,567	3,809	2,509	1,583	951	540
2008	514,236	492,209	469,260	445,444	420,836	395,521	369,618	343,281	316,689	290,023	263,464	237,210	211,482	186,509	162,530	139,779	118,477	98,825
2009	541,275	514,033	485,982	457,217	427,856	398,028	367,902	337,684	307,600	277,876	248,732	220,397	193,115	167,132	142,683	119,987	99,235	80,574
2010	480,652	473,346	465,146	456,013	445,911	434,807	422,679	409,525	395,355	380,183	364,024	346,905	328,877	310,015	290,413	270,194	249,503	228,513
2011	397,523	375,385	352,766	329,757	306,464	283,003	259,519	236,183	213,178	190,683	168,869	147,908	127,978	109,251	91,884	76,015	61,749	49,159
2012	390,871	375,241	358,879	341,817	324,099	305,781	286,939	267,681	248,128	228,406	208,645	188,986	169,588	150,624	132,273	114,716	98,130	82,680
2013	87,302	77,255	67,734	58,786	50,453	42,768	35,762	29,462	23,878	19,006	14,827	11,310	8,412	6,083	4,262	2,881	1,871	1,161
2014	81,044	70,620	60,904	51,930	43,726	36,311	29,695	23,879	18,852	14,582	11,026	8,126	5,819	4,035	2,698	1,731	1,060	615
2015	425,217	391,997	359,052	326,562	294,721	263,725	233,790	205,150	178,028	152,618	129,079	107,542	88,119	70,880	55,853	43,016	32,295	23,567
2016	147,596	135,383	123,341	111,539	100,046	88,935	78,281	68,166	58,665	49,843	41,746	34,414	27,873	22,137	17,202	13,046	9,629	6,895
2017	235,694	212,270	189,646	167,946	147,296	127,811	109,607	92,796	77,468	63,680	51,455	40,787	31,648	23,978	17,689	12,666	8,771	5,849
2018	469,965	432,593	395,597	359,180	323,558	288,954	255,607	223,777	193,708	165,613	139,659	115,986	94,707	75,889	59,550	45,652	34,100	24,743
2019	389,439	358,868	328,565	298,695	269,437	240,971	213,496	187,226	162,365	139,090	117,544	97,848	80,101	64,364	50,661	38,969	29,217	21,288
2020	433,428	407,612	381,378	354,840	328,129	301,390	274,792	248,537	222,836	197,891	173,891	151,025	129,479	109,431	91,034	74,414	59,658	46,811
2021	123,210	115,280	107,258	99,184	91,102	83,062	75,126	67,357	59,817	52,562	45,651	39,138	33,078	27,517	22,493	18,033	14,150	10,841

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 1083:1095	Maturity (months) 1095:1107	Maturity (months) 1107:1119	Maturity (months) 1119:1131	Maturity (months) 1131:1143	Maturity (months) 1143:1155	Maturity (months) 1155:1167	Maturity (months) 1167:1179	Maturity (months) 1179:1191	Maturity (months) 1191:1203	Maturity (months) 1203:1215	Maturity (months) 1215:1227	Maturity (months) 1227:1239	Maturity (months) 1239:1251	Maturity (months) 1251:1263	Maturity (months) 1263:1275	Maturity (months) 1275:1287	Maturity (months) 1287:1299
1989	44,543	37,373	30,823	24,947	19,778	15,331	11,595	8,541	6,117	4,252	2,862	1,860	1,184	754	480	305	194	124
1990	40	18	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	23,472	17,984	13,419	9,724	6,820	4,614	3,000	1,868	1,110	626	334	167	81	39	19	9	4	2
1992	59,961	47,400	36,612	27,564	20,174	14,313	9,813	6,483	4,116	2,502	1,451	799	427	228	122	65	35	18
1993	37,064	28,448	21,269	15,444	10,858	7,366	4,804	3,001	1,789	1,014	544	274	133	64	31	15	7	4
1994	140,451	129,845	119,060	108,204	97,394	86,754	76,414	66,514	57,180	48,516	40,603	33,487	27,379	22,385	18,302	14,964	12,234	10,003
1995	63,238	51,604	41,280	32,304	24,679	18,361	13,271	9,298	6,300	4,119	2,591	1,562	918	540	317	186	110	64
1996	1,709	1,034	591	317	158	72	30	11	4	1	0	0	0	0	0	0	0	0
1997	95,962	79,848	65,255	52,286	40,997	31,392	23,424	17,000	11,977	8,175	5,393	3,429	2,132	1,326	824	513	319	198
1998	64,301	49,772	37,560	27,558	19,600	13,469	8,911	5,658	3,435	1,987	1,090	564	281	140	70	35	17	9
1999	874	520	292	154	75	33	13	5	1	0	0	0	0	0	0	0	0	0
2000	1,484	936	562	319	170	84	38	16	6	2	1	0	0	0	0	0	0	0
2001	23,834	18,335	13,741	10,006	7,056	4,804	3,145	1,973	1,182	674	363	184	90	44	22	11	5	3
2002	11,890	8,008	5,175	3,191	1,867	1,029	530	253	111	44	16	5	1	0	0	0	0	0
2003	25	10	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	50,405	41,213	33,040	25,918	19,852	14,814	10,742	7,553	5,139	3,374	2,133	1,293	765	452	267	158	93	55
2005	7,335	5,012	3,292	2,068	1,235	697	369	182	83	34	13	4	1	0	0	0	0	0
2006	20,753	14,987	10,470	7,050	4,555	2,810	1,647	912	474	230	103	42	17	6	2	1	0	0
2007	288	142	64	26	9	3	1	0	0	0	0	0	0	0	0	0	0	0
2008	80,988	65,090	51,201	39,334	29,440	21,412	15,092	10,282	6,755	4,266	2,582	1,492	838	471	264	148	83	47
2009	64,105	49,867	37,839	27,932	20,002	13,849	9,241	5,923	3,634	2,127	1,182	621	315	160	81	41	21	11
2010	207,418	186,433	165,787	145,719	126,467	108,261	91,310	75,813	61,908	49,676	39,130	30,220	23,065	17,604	13,436	10,255	7,827	5,974
2011	38,270	29,064	21,475	15,391	10,665	7,118	4,558	2,790	1,625	897	467	228	107	50	23	11	5	2
2012	68,508	55,732	44,429	34,639	26,352	19,516	14,034	9,777	6,584	4,274	2,668	1,595	929	541	315	184	107	62
2013	684	379	197	94	41	16	5	2	0	0	0	0	0	0	0	0	0	0
2014	336	171	80	34	13	4	1	0	0	0	0	0	0	0	0	0	0	0
2015	16,660	11,366	7,451	4,670	2,783	1,567	827	406	184	76	28	9	3	1	0	0	0	0
2016	4,773	3,180	2,030	1,235	711	385	194	91	39	15	5	2	0	0	0	0	0	0
2017	3,738	2,277	1,313	711	358	166	70	26	9	2	1	0	0	0	0	0	0	0
2018	17,381	11,774	7,658	4,757	2,806	1,562	813	393	175	71	26	8	2	1	0	0	0	0
2019	15,024	10,230	6,692	4,185	2,487	1,396	734	359	162	67	25	8	2	1	0	0	0	0
2020	35,864	26,758	19,386	13,594	9,192	5,969	3,706	2,191	1,228	648	321	148	65	29	13	6	2	1
2021	8,088	5,860	4,109	2,778	1,804	1,120	662	371	196	97	45	20	9	4	2	1	0	0

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 1299:1311	Maturity (months) 1311:1323	Maturity (months) 1323:1335	Maturity (months) 1335:1347	Maturity (months) 1347:1359	Maturity (months) 1359:1371	Maturity (months) 1371:1383	Maturity (months) 1383:1395	Maturity (months) 1395:1407	Maturity (months) 1407:1419	Maturity (months) 1419:1431	Maturity (months) 1431:1443	Maturity (months) 1443:1455	Maturity (months) 1455:1467	Totals Outstanding
1989	79	50	32	20	13	8	5	3	2	1	1	1	0	0	11,822,755
1990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,785,060
1991	1	0	0	0	0	0	0	0	0	0	0	0	0	0	17,107,950
1992	10	5	3	1	1	0	0	0	0	0	0	0	0	0	31,882,114
1993	2	1	0	0	0	0	0	0	0	0	0	0	0	0	27,679,947
1994	8,178	6,687	5,467	4,470	3,654	2,988	2,443	1,997	1,633	1,335	1,092	893	730	597	15,046,466
1995	38	22	13	8	5	3	2	1	1	0	0	0	0	0	25,204,695
1996	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,078,210
1997	123	77	48	30	18	11	7	4	3	2	1	1	0	0	31,973,423
1998	4	2	1	1	0	0	0	0	0	0	0	0	0	0	48,350,157
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,076,908
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,630,576
2001	1	1	0	0	0	0	0	0	0	0	0	0	0	0	20,295,675
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,643,872
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,363,721
2004	33	19	11	7	4	2	1	1	0	0	0	0	0	0	22,684,372
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24,971,250
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39,165,554
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28,485,966
2008	26	15	8	5	3	1	1	0	0	0	0	0	0	0	46,921,383
2009	5	3	1	1	0	0	0	0	0	0	0	0	0	0	54,728,202
2010	4,559	3,480	2,656	2,027	1,547	1,181	901	688	525	401	306	233	178	136	34,963,350
2011	1	1	0	0	0	0	0	0	0	0	0	0	0	0	44,259,121
2012	36	21	12	7	4	2	1	1	0	0	0	0	0	0	36,305,335
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24,835,177
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29,822,742
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69,052,320
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26,249,541
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55,834,673
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82,082,375
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67,804,353
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57,058,941
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,046,323

1,089,212,509

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate **2.00%**

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level	89,060	135,327	106,683	98,489	74,429	90,463	85,326	78,401	68,797	69,835	77,980	87,511	89,272	88,927	88,282	105,151	85,484	87,738
Year of Birth	Maturity (months) 3:15	Maturity (months) 15:27	Maturity (months) 27:39	Maturity (months) 39:51	Maturity (months) 51:63	Maturity (months) 63:75	Maturity (months) 75:87	Maturity (months) 87:99	Maturity (months) 99:111	Maturity (months) 111:123	Maturity (months) 123:135	Maturity (months) 135:147	Maturity (months) 147:159	Maturity (months) 159:171	Maturity (months) 171:183	Maturity (months) 183:195	Maturity (months) 195:207	Maturity (months) 207:219
1989																		
1990																		
1991																		
1992																		
1993																		
1994																		
1995																		
1996																		
1997																		
1998																		
1999																		
2000																		
2001																		
2002																		
2003																		
2004																		61,166
2005																	65,835	67,571
2006																89,845	73,040	74,967
2007															107,857	128,467	104,439	107,193
2008														72,799	72,271	86,081	69,980	71,826
2009													82,138	81,821	81,227	96,748	78,652	80,727
2010												67,635	68,996	68,729	68,230	81,268	66,068	67,810
2011											60,462	67,852	69,218	68,951	68,450	81,530	66,280	68,028
2012										54,376	60,718	68,139	69,510	69,242	68,739	81,874	66,561	68,316
2013									65,372	66,358	74,098	83,155	84,828	84,500	83,887	99,916	81,228	83,370
2014								74,937	65,757	66,749	74,535	83,645	85,328	84,998	84,381	100,505	81,707	83,862
2015							81,708	75,076	65,879	66,873	74,673	83,800	85,486	85,156	84,538	100,692	81,859	84,017
2016						86,776	81,848	75,205	65,992	66,988	74,801	83,944	85,633	85,302	84,683	100,864	81,999	84,161
2017					72,827	88,517	83,490	76,714	67,316	68,332	76,302	85,628	87,351	87,014	86,382	102,888	83,644	85,850
2018				96,585	72,989	88,714	83,676	76,885	67,466	68,484	76,472	85,819	87,545	87,208	86,574	103,117	83,831	86,041
2019			104,850	96,797	73,150	88,909	83,860	77,053	67,614	68,634	76,640	86,007	87,738	87,399	86,764	103,344	84,015	86,230
2020		134,351	105,913	97,779	73,892	89,811	84,711	77,835	68,300	69,331	77,417	86,880	88,628	88,286	87,645	104,392	84,867	87,105
2021	88,597	134,623	106,128	97,977	74,042	89,993	84,883	77,993	68,439	69,472	77,574	87,056	88,808	88,465	87,823	104,604	85,039	87,282

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level	94,323	97,890	98,142	107,753	102,000	103,530	105,083	106,659	108,259	109,883	111,531	113,204	114,902	116,626	118,958	121,337	123,764	126,239	
Year of Birth	Maturity (months) 219:231	Maturity (months) 231:243	Maturity (months) 243:255	Maturity (months) 255:267	Maturity (months) 267:279	Maturity (months) 279:291	Maturity (months) 291:303	Maturity (months) 303:315	Maturity (months) 315:327	Maturity (months) 327:339	Maturity (months) 339:351	Maturity (months) 351:363	Maturity (months) 363:375	Maturity (months) 375:387	Maturity (months) 387:399	Maturity (months) 399:411	Maturity (months) 411:423	Maturity (months) 423:435	
1989																73,829	75,305	76,811	78,348
1990														64,857	66,154	67,477	68,827	70,203	
1991													94,542	95,960	97,880	99,837	101,834	103,871	
1992												71,718	72,794	73,886	75,363	76,871	78,408	79,976	
1993											72,956	74,050	75,161	76,288	77,814	79,370	80,958	82,577	
1994									58,517	59,395	60,286	61,190	62,108	63,350	64,617	65,910	67,228		
1995								88,735	90,066	91,417	92,789	94,180	95,593	97,505	99,455	101,444	103,473		
1996							64,096	65,057	66,033	67,024	68,029	69,049	70,085	71,136	72,559	74,010	75,490	77,000	
1997								81,924	83,153	84,400	85,666	86,951	88,255	89,579	90,923	92,287	94,133	96,015	
1998																			
1999					99,336	100,826	102,338	103,873	105,431	107,013	108,618	110,247	111,901	113,580	115,851	118,168	120,532	122,942	
2000				70,216	66,467	67,464	68,476	69,503	70,545	71,603	72,678	73,768	74,874	75,997	77,517	79,068	80,649	82,262	
2001			89,162	97,893	92,667	94,057	95,468	96,900	98,353	99,828	101,326	102,846	104,388	105,954	108,073	110,235	112,439	114,688	
2002		74,946	75,139	82,498	78,093	79,265	80,454	81,661	82,885	84,129	85,391	86,672	87,972	89,291	91,077	92,899	94,756	96,652	
2003	100,079	103,863	104,131	114,328	108,224	109,848	111,495	113,168	114,865	116,588	118,337	120,112	121,914	123,743	126,217	128,742	131,317	133,943	
2004	65,757	68,243	68,419	75,119	71,109	72,175	73,258	74,357	75,472	76,604	77,753	78,920	80,103	81,305	82,931	84,590	86,281	88,007	
2005	72,643	75,389	75,584	82,986	78,555	79,733	80,929	82,143	83,375	84,626	85,895	87,184	88,492	89,819	91,615	93,448	95,317	97,223	
2006	80,593	83,640	83,856	92,068	87,152	88,460	89,786	91,133	92,500	93,888	95,296	96,726	98,176	99,649	101,642	103,675	105,748	107,863	
2007	115,239	119,595	119,904	131,646	124,617	126,487	128,384	130,310	132,264	134,248	136,262	138,306	140,380	142,486	145,336	148,243	151,207	154,232	
2008	77,217	80,136	80,343	88,211	83,501	84,754	86,025	87,315	88,625	89,954	91,304	92,673	94,063	95,474	97,384	99,332	101,318	103,345	
2009	86,786	90,067	90,299	99,142	93,849	95,256	96,685	98,136	99,608	101,102	102,618	104,157	105,720	107,306	109,452	111,641	113,874	116,151	
2010	72,900	75,656	75,851	83,279	78,833	80,015	81,216	82,434	83,670	84,925	86,199	87,492	88,805	90,137	91,939	93,778	95,654	97,567	
2011	73,134	75,899	76,095	83,547	79,086	80,273	81,477	82,699	83,939	85,199	86,477	87,774	89,090	90,427	92,235	94,080	95,961	97,881	
2012	73,444	76,220	76,417	83,900	79,421	80,612	81,821	83,049	84,295	85,559	86,842	88,145	89,467	90,809	92,625	94,478	96,367	98,295	
2013	89,628	93,016	93,256	102,389	96,922	98,376	99,852	101,349	102,870	104,413	105,979	107,569	109,182	110,820	113,036	115,297	117,603	119,955	
2014	90,156	93,565	93,806	102,992	97,493	98,956	100,440	101,947	103,476	105,028	106,604	108,203	109,826	111,473	113,702	115,977	118,296	120,662	
2015	90,323	93,738	93,980	103,183	97,674	99,139	100,626	102,136	103,668	105,223	106,801	108,403	110,029	111,680	113,913	116,192	118,515	120,886	
2016	90,478	93,899	94,141	103,360	97,842	99,309	100,799	102,311	103,846	105,403	106,984	108,589	110,218	111,871	114,109	116,391	118,719	121,093	
2017	92,294	95,783	96,030	105,434	99,805	101,302	102,822	104,364	105,929	107,518	109,131	110,768	112,430	114,116	116,398	118,726	121,101	123,523	
2018	92,499	95,996	96,244	105,669	100,027	101,528	103,051	104,596	106,165	107,758	109,374	111,015	112,680	114,370	116,658	118,991	121,371	123,798	
2019	92,702	96,207	96,455	105,901	100,247	101,751	103,277	104,826	106,398	107,994	109,614	111,258	112,927	114,621	116,914	119,252	121,637	124,070	
2020	93,643	97,183	97,434	106,975	101,264	102,783	104,325	105,890	107,478	109,090	110,726	112,387	114,073	115,784	118,100	120,462	122,871	125,329	
2021	93,833	97,381	97,631	107,193	101,470	102,992	104,537	106,105	107,696	109,312	110,951	112,616	114,305	116,019	118,340	120,706	123,121	125,583	

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level	128,764	131,340	133,966	136,646	139,379	142,166	145,009	147,910	150,868	153,885	156,963	160,102	163,304	166,570	169,902	173,300	176,766	180,301
Year of Birth	Maturity (months) 435:447	Maturity (months) 447:459	Maturity (months) 459:471	Maturity (months) 471:483	Maturity (months) 483:495	Maturity (months) 495:507	Maturity (months) 507:519	Maturity (months) 519:531	Maturity (months) 531:543	Maturity (months) 543:555	Maturity (months) 555:567	Maturity (months) 567:579	Maturity (months) 579:591	Maturity (months) 591:603	Maturity (months) 603:615	Maturity (months) 615:627	Maturity (months) 627:639	Maturity (months) 639:651
1989	79,915	81,513	83,143	84,806	86,502	88,232	89,997	91,797	93,633	95,505	97,415	99,364	101,351	103,378	105,446	107,555	109,706	111,900
1990	71,607	73,040	74,500	75,990	77,510	79,060	80,642	82,254	83,900	85,578	87,289	89,035	90,816	92,632	94,485	96,374	98,302	100,268
1991	105,948	108,067	110,228	112,433	114,682	116,975	119,315	121,701	124,135	126,618	129,150	131,733	134,368	137,055	139,796	142,592	145,444	148,353
1992	81,576	83,207	84,871	86,569	88,300	90,066	91,867	93,705	95,579	97,490	99,440	101,429	103,458	105,527	107,637	109,790	111,986	114,226
1993	84,228	85,913	87,631	89,384	91,172	92,995	94,855	96,752	98,687	100,661	102,674	104,727	106,822	108,958	111,138	113,360	115,628	117,940
1994	68,572	69,944	71,343	72,769	74,225	75,709	77,224	78,768	80,343	81,950	83,589	85,261	86,966	88,706	90,480	92,289	94,135	96,018
1995	105,543	107,653	109,806	112,003	114,243	116,528	118,858	121,235	123,660	126,133	128,656	131,229	133,853	136,531	139,261	142,046	144,887	147,785
1996	96,701	98,635	100,608	102,620	104,672	106,766	108,901	111,079	113,301	115,567	117,878	120,236	122,640	125,093	127,595	130,147	132,750	135,405
1997	78,540	80,111	81,713	83,348	85,014	86,715	88,449	90,218	92,022	93,863	95,740	97,655	99,608	101,600	103,632	105,705	107,819	109,975
1998	101,892	103,930	106,009	108,129	110,291	112,497	114,747	117,042	119,383	121,771	124,206	126,690	129,224	131,808	134,445	137,133	139,876	142,674
1999	125,401	127,909	130,467	133,077	135,738	138,453	141,222	144,046	146,927	149,866	152,863	155,920	159,039	162,220	165,464	168,773	172,149	175,592
2000	83,907	85,585	87,297	89,043	90,824	92,640	94,493	96,383	98,311	100,277	102,282	104,328	106,415	108,543	110,714	112,928	115,187	117,490
2001	116,982	119,322	121,708	124,142	126,625	129,158	131,741	134,376	137,063	139,804	142,600	145,452	148,362	151,329	154,355	157,442	160,591	163,803
2002	98,585	100,556	102,567	104,619	106,711	108,845	111,022	113,243	115,508	117,818	120,174	122,578	125,029	127,530	130,080	132,682	135,336	138,042
2003	136,622	139,354	142,141	144,984	147,884	150,842	153,858	156,936	160,074	163,276	166,541	169,872	173,270	176,735	180,270	183,875	187,553	191,304
2004	89,767	91,563	93,394	95,262	97,167	99,110	101,092	103,114	105,177	107,280	109,426	111,614	113,846	116,123	118,446	120,815	123,231	125,696
2005	99,167	101,151	103,174	105,237	107,342	109,489	111,679	113,912	116,190	118,514	120,885	123,302	125,768	128,284	130,849	133,466	136,136	138,858
2006	110,021	112,221	114,465	116,755	119,090	121,472	123,901	126,379	128,907	131,485	134,115	136,797	139,533	142,323	145,170	148,073	151,035	154,055
2007	157,316	160,463	163,672	166,945	170,284	173,690	177,164	180,707	184,321	188,007	191,768	195,603	199,515	203,505	207,575	211,727	215,961	220,281
2008	105,411	107,520	109,670	111,863	114,101	116,383	118,710	121,085	123,506	125,976	128,496	131,066	133,687	136,361	139,088	141,870	144,707	147,601
2009	118,474	120,844	123,260	125,726	128,240	130,805	133,421	136,089	138,811	141,588	144,419	147,308	150,254	153,259	156,324	159,451	162,640	165,892
2010	99,518	101,509	103,539	105,610	107,722	109,876	112,074	114,315	116,601	118,933	121,312	123,738	126,213	128,737	131,312	133,938	136,617	139,349
2011	99,838	101,835	103,872	105,949	108,068	110,230	112,434	114,683	116,976	119,316	121,702	124,136	126,619	129,151	131,734	134,369	137,057	139,798
2012	100,261	102,266	104,311	106,397	108,525	110,696	112,910	115,168	117,471	119,821	122,217	124,661	127,155	129,698	132,292	134,938	137,636	140,389
2013	122,354	124,801	127,297	129,843	132,440	135,089	137,790	140,546	143,357	146,224	149,149	152,132	155,174	158,278	161,443	164,672	167,966	171,325
2014	123,075	125,537	128,047	130,608	133,221	135,885	138,603	141,375	144,202	147,086	150,028	153,029	156,089	159,211	162,395	165,643	168,956	172,335
2015	123,303	125,770	128,285	130,851	133,468	136,137	138,860	141,637	144,470	147,359	150,306	153,312	156,379	159,506	162,696	165,950	169,269	172,655
2016	123,515	125,985	128,505	131,075	133,697	136,370	139,098	141,880	144,717	147,612	150,564	153,575	156,647	159,780	162,975	166,235	169,560	172,951
2017	125,993	128,513	131,083	133,705	136,379	139,107	141,889	144,727	147,621	150,574	153,585	156,657	159,790	162,986	166,245	169,570	172,962	176,421
2018	126,274	128,799	131,375	134,003	136,683	139,417	142,205	145,049	147,950	150,909	153,927	157,006	160,146	163,349	166,616	169,948	173,347	176,814
2019	126,551	129,082	131,664	134,297	136,983	139,723	142,517	145,367	148,275	151,240	154,265	157,350	160,497	163,707	166,982	170,321	173,728	177,202
2020	127,835	130,392	133,000	135,660	138,373	141,140	143,963	146,842	149,779	152,775	155,830	158,947	162,126	165,368	168,676	172,049	175,490	179,000
2021	128,095	130,657	133,270	135,935	138,654	141,427	144,255	147,141	150,083	153,085	156,147	159,270	162,455	165,704	169,018	172,399	175,847	179,364

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level	183,907	187,585	191,337	195,164	199,067	203,048	207,109	211,251	215,476	219,786	224,182	228,665	233,239	237,903	242,662	247,515	252,465	257,514
Year of Birth	Maturity (months) 651:663	Maturity (months) 663:675	Maturity (months) 675:687	Maturity (months) 687:699	Maturity (months) 699:711	Maturity (months) 711:723	Maturity (months) 723:735	Maturity (months) 735:747	Maturity (months) 747:759	Maturity (months) 759:771	Maturity (months) 771:783	Maturity (months) 783:795	Maturity (months) 795:807	Maturity (months) 807:819	Maturity (months) 819:831	Maturity (months) 831:843	Maturity (months) 843:855	Maturity (months) 855:867
1989	114,138	116,420	118,749	121,124	123,546	126,017	128,538	131,108	133,731	136,405	139,133	141,916	144,754	147,649	150,602	153,614	156,687	159,820
1990	102,273	104,319	106,405	108,533	110,704	112,918	115,176	117,480	119,829	122,226	124,670	127,164	129,707	132,301	134,947	137,646	140,399	143,207
1991	151,320	154,346	157,433	160,582	163,794	167,069	170,411	173,819	177,295	180,841	184,458	188,147	191,910	195,748	199,663	203,657	207,730	211,884
1992	116,510	118,840	121,217	123,641	126,114	128,637	131,209	133,833	136,510	139,240	142,025	144,866	147,763	150,718	153,733	156,807	159,943	163,142
1993	120,299	122,705	125,159	127,662	130,215	132,820	135,476	138,186	140,949	143,768	146,644	149,577	152,568	155,620	158,732	161,907	165,145	168,448
1994	97,938	99,897	101,895	103,933	106,011	108,132	110,294	112,500	114,750	117,045	119,386	121,774	124,209	126,693	129,227	131,812	134,448	137,137
1995	150,741	153,756	156,831	159,967	163,167	166,430	169,759	173,154	176,617	180,149	183,752	187,427	191,176	194,999	198,899	202,877	206,935	211,073
1996	138,113	140,875	143,693	146,567	149,498	152,488	155,538	158,648	161,821	165,058	168,359	171,726	175,161	178,664	182,237	185,882	189,600	193,392
1997	112,175	114,418	116,707	119,041	121,422	123,850	126,327	128,854	131,431	134,059	136,740	139,475	142,265	145,110	148,012	150,973	153,992	157,072
1998	145,527	148,438	151,406	154,434	157,523	160,674	163,887	167,165	170,508	173,918	177,397	180,945	184,564	188,255	192,020	195,860	199,777	203,773
1999	179,104	182,686	186,339	190,066	193,867	197,745	201,700	205,734	209,848	214,045	218,326	222,693	227,147	231,689	236,323	241,050	245,871	250,788
2000	119,840	122,237	124,682	127,175	129,719	132,313	134,959	137,659	140,412	143,220	146,084	149,006	151,986	155,026	158,126	161,289	164,515	167,805
2001	167,079	170,421	173,829	177,306	180,852	184,469	188,158	191,921	195,760	199,675	203,669	207,742	211,897	216,135	220,457	224,867	229,364	233,951
2002	140,803	143,619	146,492	149,421	152,410	155,458	158,567	161,739	164,973	168,273	171,638	175,071	178,572	182,144	185,787	189,503	193,293	197,158
2003	195,130	199,032	203,013	207,073	211,215	215,439	219,748	224,143	228,626	233,198	237,862	242,619	247,472	252,421	257,469	262,619	267,871	273,229
2004	128,210	130,774	133,389	136,057	138,778	141,554	144,385	147,273	150,218	153,222	156,287	159,413	162,601	165,853	169,170	172,553	176,004	179,524
2005	141,635	144,468	147,358	150,305	153,311	156,377	159,505	162,695	165,949	169,268	172,653	176,106	179,628	183,221	186,885	190,623	194,435	198,324
2006	157,137	160,279	163,485	166,755	170,090	173,491	176,961	180,500	184,111	187,793	191,549	195,380	199,287	203,273	207,338	211,485	215,715	220,029
2007	224,686	229,180	233,764	238,439	243,208	248,072	253,033	258,094	263,256	268,521	273,891	279,369	284,957	290,656	296,469	302,398	308,446	314,615
2008	150,553	153,565	156,636	159,769	162,964	166,223	169,548	172,939	176,397	179,925	183,524	187,194	190,938	194,757	198,652	202,625	206,678	210,811
2009	169,210	172,594	176,046	179,567	183,159	186,822	190,558	194,369	198,257	202,222	206,266	210,392	214,599	218,891	223,269	227,735	232,289	236,935
2010	142,136	144,979	147,879	150,836	153,853	156,930	160,069	163,270	166,536	169,866	173,264	176,729	180,263	183,869	187,546	191,297	195,123	199,025
2011	142,594	145,446	148,354	151,322	154,348	157,435	160,584	163,795	167,071	170,413	173,821	177,297	180,843	184,460	188,149	191,912	195,751	199,666
2012	143,197	146,061	148,982	151,962	155,001	158,101	161,263	164,488	167,778	171,133	174,556	178,047	181,608	185,240	188,945	192,724	196,579	200,510
2013	174,752	178,247	181,812	185,448	189,157	192,940	196,799	200,735	204,749	208,844	213,021	217,282	221,627	226,060	230,581	235,193	239,896	244,694
2014	175,782	179,297	182,883	186,541	190,272	194,077	197,959	201,918	205,956	210,075	214,277	218,562	222,934	227,392	231,940	236,579	241,311	246,137
2015	176,108	179,630	183,222	186,887	190,625	194,437	198,326	202,292	206,338	210,465	214,674	218,968	223,347	227,814	232,370	237,018	241,758	246,593
2016	176,410	179,938	183,537	187,207	190,952	194,771	198,666	202,639	206,692	210,826	215,042	219,343	223,730	228,205	232,769	237,424	242,173	247,016
2017	179,949	183,548	187,219	190,964	194,783	198,679	202,652	206,705	210,839	215,056	219,357	223,745	228,219	232,784	237,439	242,188	247,032	251,973
2018	180,350	183,957	187,636	191,389	195,217	199,121	203,104	207,166	211,309	215,535	219,846	224,243	228,728	233,302	237,968	242,728	247,582	252,534
2019	180,746	184,361	188,048	191,809	195,645	199,558	203,550	207,621	211,773	216,008	220,329	224,735	229,230	233,814	238,491	243,261	248,126	253,088
2020	182,580	186,232	189,956	193,755	197,630	201,583	205,615	209,727	213,922	218,200	222,564	227,015	231,556	236,187	240,910	245,729	250,643	255,656
2021	182,951	186,610	190,342	194,149	198,032	201,992	206,032	210,153	214,356	218,643	223,016	227,476	232,026	236,666	241,400	246,228	251,152	256,175

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level	262,665	267,918	273,276	278,742	284,317	290,003	295,803	301,719	307,753	313,909	320,187	326,590	333,122	339,785	346,580	353,512	360,582	367,794
Year of Birth	Maturity (months) 867:879	Maturity (months) 879:891	Maturity (months) 891:903	Maturity (months) 903:915	Maturity (months) 915:927	Maturity (months) 927:939	Maturity (months) 939:951	Maturity (months) 951:963	Maturity (months) 963:975	Maturity (months) 975:987	Maturity (months) 987:999	Maturity (months) 999:1011	Maturity (months) 1011:1023	Maturity (months) 1023:1035	Maturity (months) 1035:1047	Maturity (months) 1047:1059	Maturity (months) 1059:1071	Maturity (months) 1071:1083
1989	163,017	166,277	169,603	172,995	176,455	179,984	183,583	187,255	191,000	194,820	198,717	202,691	206,745	210,880	215,097	219,399	223,787	228,263
1990	146,071	148,993	151,972	155,012	158,112	161,274	164,500	167,790	171,146	174,569	178,060	181,621	185,254	188,959	192,738	196,593	200,524	204,535
1991	216,122	220,445	224,853	229,351	233,938	238,616	243,389	248,256	253,222	258,286	263,452	268,721	274,095	279,577	285,169	290,872	296,689	302,623
1992	166,405	169,733	173,128	176,590	180,122	183,725	187,399	191,147	194,970	198,869	202,847	206,904	211,042	215,263	219,568	223,959	228,438	233,007
1993	171,817	175,253	178,758	182,333	185,980	189,699	193,493	197,363	201,310	205,337	209,443	213,632	217,905	222,263	226,708	231,242	235,867	240,585
1994	139,880	142,677	145,531	148,442	151,410	154,439	157,527	160,678	163,891	167,169	170,513	173,923	177,401	180,949	184,568	188,260	192,025	195,865
1995	215,295	219,601	223,993	228,473	233,042	237,703	242,457	247,306	252,252	257,297	262,443	267,692	273,046	278,507	284,077	289,759	295,554	301,465
1996	197,259	201,205	205,229	209,333	213,520	217,790	222,146	226,589	231,121	235,743	240,458	245,267	250,173	255,176	260,280	265,485	270,795	276,211
1997	160,213	163,418	166,686	170,020	173,420	176,888	180,426	184,035	187,715	191,470	195,299	199,205	203,189	207,253	211,398	215,626	219,938	224,337
1998	207,848	212,005	216,246	220,570	224,982	229,482	234,071	238,753	243,528	248,398	253,366	258,433	263,602	268,874	274,252	279,737	285,331	291,038
1999	255,804	260,920	266,138	271,461	276,890	282,428	288,077	293,838	299,715	305,709	311,824	318,060	324,421	330,910	337,528	344,278	351,164	358,187
2000	171,161	174,584	178,076	181,638	185,270	188,976	192,755	196,610	200,543	204,553	208,645	212,817	217,074	221,415	225,844	230,360	234,968	239,667
2001	238,630	243,403	248,271	253,236	258,301	263,467	268,736	274,111	279,593	285,185	290,889	296,707	302,641	308,694	314,867	321,165	327,588	334,140
2002	201,102	205,124	209,226	213,411	217,679	222,032	226,473	231,003	235,623	240,335	245,142	250,045	255,045	260,146	265,349	270,656	276,069	281,591
2003	278,693	284,267	289,952	295,751	301,667	307,700	313,854	320,131	326,534	333,064	339,725	346,520	353,450	360,519	367,730	375,084	382,586	390,238
2004	183,115	186,777	190,513	194,323	198,209	202,174	206,217	210,341	214,548	218,839	223,216	227,680	232,234	236,879	241,616	246,449	251,378	256,405
2005	202,290	206,336	210,463	214,672	218,966	223,345	227,812	232,368	237,015	241,756	246,591	251,523	256,553	261,684	266,918	272,256	277,701	283,255
2006	224,430	228,918	233,497	238,167	242,930	247,789	252,744	257,799	262,955	268,214	273,579	279,050	284,631	290,324	296,130	302,053	308,094	314,256
2007	320,907	327,326	333,872	340,549	347,360	354,308	361,394	368,622	375,994	383,514	391,184	399,008	406,988	415,128	423,430	431,899	440,537	449,348
2008	215,027	219,328	223,715	228,189	232,753	237,408	242,156	246,999	251,939	256,978	262,117	267,360	272,707	278,161	283,724	289,399	295,187	301,090
2009	241,674	246,507	251,437	256,466	261,595	266,827	272,164	277,607	283,159	288,823	294,599	300,491	306,501	312,631	318,883	325,261	331,766	338,402
2010	203,006	207,066	211,207	215,431	219,740	224,135	228,618	233,190	237,854	242,611	247,463	252,412	257,461	262,610	267,862	273,219	278,684	284,257
2011	203,659	207,732	211,887	216,124	220,447	224,856	229,353	233,940	238,619	243,391	248,259	253,224	258,289	263,454	268,724	274,098	279,580	285,172
2012	204,520	208,611	212,783	217,039	221,379	225,807	230,323	234,930	239,628	244,421	249,309	254,295	259,381	264,569	269,860	275,257	280,763	286,378
2013	249,588	254,580	259,672	264,865	270,162	275,566	281,077	286,699	292,432	298,281	304,247	310,332	316,538	322,869	329,326	335,913	342,631	349,484
2014	251,060	256,081	261,202	266,426	271,755	277,190	282,734	288,389	294,156	300,039	306,040	312,161	318,404	324,772	331,268	337,893	344,651	351,544
2015	251,525	256,556	261,687	266,921	272,259	277,704	283,258	288,923	294,702	300,596	306,608	312,740	318,995	325,375	331,882	338,520	345,290	352,196
2016	251,957	256,996	262,136	267,378	272,726	278,180	283,744	289,419	295,207	301,111	307,134	313,276	319,542	325,933	332,451	339,100	345,882	352,800
2017	257,012	262,152	267,395	272,743	278,198	283,762	289,437	295,226	301,131	307,153	313,296	319,562	325,954	332,473	339,122	345,905	352,823	359,879
2018	257,585	262,736	267,991	273,351	278,818	284,394	290,082	295,884	301,802	307,838	313,994	320,274	326,680	333,213	339,878	346,675	353,609	360,681
2019	258,150	263,313	268,579	273,951	279,430	285,018	290,719	296,533	302,464	308,513	314,683	320,977	327,397	333,945	340,623	347,436	354,385	361,472
2020	260,769	265,985	271,304	276,730	282,265	287,910	293,668	299,542	305,533	311,643	317,876	324,234	330,718	337,333	344,079	350,961	357,980	365,140
2021	261,299	266,525	271,855	277,292	282,838	288,495	294,265	300,150	306,153	312,276	318,522	324,892	331,390	338,018	344,778	351,674	358,707	365,881

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
 (b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level	375,150	382,653	390,306	398,112	406,074	414,196	422,480	430,929	439,548	448,339	457,305	466,452	475,781	485,296	495,002	504,902	515,000	525,300
Year of Birth	Maturity (months) 1083:1095	Maturity (months) 1095:1107	Maturity (months) 1107:1119	Maturity (months) 1119:1131	Maturity (months) 1131:1143	Maturity (months) 1143:1155	Maturity (months) 1155:1167	Maturity (months) 1167:1179	Maturity (months) 1179:1191	Maturity (months) 1191:1203	Maturity (months) 1203:1215	Maturity (months) 1215:1227	Maturity (months) 1227:1239	Maturity (months) 1239:1251	Maturity (months) 1251:1263	Maturity (months) 1263:1275	Maturity (months) 1275:1287	Maturity (months) 1287:1299
1989	232,828	237,485	242,234	247,079	252,021	257,061	262,202	267,446	272,795	278,251	283,816	289,493	295,282	301,188	307,212	313,356	319,623	326,016
1990	208,626	212,798	217,054	221,395	225,823	230,339	234,946	239,645	244,438	249,327	254,313	259,400	264,588	269,879	275,277	280,783	286,398	292,126
1991	308,676	314,849	321,146	327,569	334,120	340,803	347,619	354,571	361,663	368,896	376,274	383,799	391,475	399,305	407,291	415,437	423,745	432,220
1992	237,667	242,421	247,269	252,215	257,259	262,404	267,652	273,005	278,465	284,035	289,715	295,510	301,420	307,448	313,597	319,869	326,266	332,792
1993	245,396	250,304	255,310	260,417	265,625	270,937	276,356	281,883	287,521	293,271	299,137	305,120	311,222	317,446	323,795	330,271	336,877	343,614
1994	199,783	203,778	207,854	212,011	216,251	220,576	224,988	229,488	234,077	238,759	243,534	248,405	253,373	258,440	263,609	268,881	274,259	279,744
1995	307,494	313,644	319,917	326,315	332,842	339,498	346,288	353,214	360,278	367,484	374,834	382,330	389,977	397,777	405,732	413,847	422,124	430,566
1996	281,735	287,370	293,117	298,979	304,959	311,058	317,279	323,625	330,097	336,699	343,433	350,302	357,308	364,454	371,743	379,178	386,762	394,497
1997	228,824	233,400	238,068	242,830	247,686	252,640	257,693	262,847	268,104	273,466	278,935	284,514	290,204	296,008	301,928	307,967	314,126	320,409
1998	296,859	302,796	308,852	315,029	321,330	327,756	334,311	340,997	347,817	354,774	361,869	369,107	376,489	384,019	391,699	399,533	407,524	415,674
1999	365,351	372,658	380,111	387,713	395,468	403,377	411,445	419,673	428,067	436,628	445,361	454,268	463,353	472,620	482,073	491,714	501,549	511,580
2000	244,460	249,350	254,337	259,423	264,612	269,904	275,302	280,808	286,424	292,153	297,996	303,956	310,035	316,235	322,560	329,011	335,592	342,303
2001	340,823	347,639	354,592	361,684	368,917	376,296	383,822	391,498	399,328	407,315	415,461	423,770	432,246	440,890	449,708	458,702	467,876	477,234
2002	287,223	292,967	298,826	304,803	310,899	317,117	323,459	329,928	336,527	343,258	350,123	357,125	364,268	371,553	378,984	386,564	394,295	402,181
2003	398,043	406,003	414,123	422,406	430,854	439,471	448,261	457,226	466,370	475,698	485,212	494,916	504,814	514,910	525,209	535,713	546,427	557,356
2004	261,533	266,764	272,099	277,541	283,092	288,754	294,529	300,419	306,428	312,556	318,807	325,184	331,687	338,321	345,087	351,989	359,029	366,210
2005	288,920	294,699	300,593	306,605	312,737	318,992	325,371	331,879	338,516	345,287	352,192	359,236	366,421	373,749	381,224	388,849	396,626	404,558
2006	320,541	326,952	333,491	340,161	346,964	353,903	360,981	368,201	375,565	383,076	390,738	398,552	406,523	414,654	422,947	431,406	440,034	448,835
2007	458,335	467,501	476,851	486,388	496,116	506,039	516,159	526,483	537,012	547,752	558,707	569,882	581,279	592,905	604,763	616,858	629,195	641,779
2008	307,112	313,254	319,519	325,910	332,428	339,077	345,858	352,775	359,831	367,027	374,368	381,855	389,492	397,282	405,228	413,332	421,599	430,031
2009	345,170	352,073	359,115	366,297	373,623	381,095	388,717	396,491	404,421	412,510	420,760	429,175	437,759	446,514	455,444	464,553	473,844	483,321
2010	289,942	295,741	301,656	307,689	313,843	320,120	326,522	333,053	339,714	346,508	353,438	360,507	367,717	375,071	382,573	390,224	398,029	405,989
2011	290,875	296,692	302,626	308,679	314,852	321,149	327,572	334,124	340,806	347,623	354,575	361,666	368,900	376,278	383,803	391,479	399,309	407,295
2012	292,105	297,948	303,906	309,985	316,184	322,508	328,958	335,537	342,248	349,093	356,075	363,196	370,460	377,869	385,427	393,135	400,998	409,018
2013	356,474	363,603	370,875	378,293	385,858	393,576	401,447	409,476	417,666	426,019	434,539	443,230	452,095	461,137	470,359	479,766	489,362	499,149
2014	358,575	365,746	373,061	380,523	388,133	395,896	403,814	411,890	420,128	428,530	437,101	445,843	454,760	463,855	473,132	482,595	492,247	502,091
2015	359,240	366,425	373,753	381,228	388,853	396,630	404,562	412,654	420,907	429,325	437,911	446,670	455,603	464,715	474,009	483,490	493,159	503,023
2016	359,856	367,053	374,394	381,882	389,520	397,310	405,256	413,361	421,629	430,061	438,662	447,436	456,384	465,512	474,822	484,319	494,005	503,885
2017	367,077	374,418	381,907	389,545	397,336	405,282	413,388	421,656	430,089	438,691	447,464	456,414	465,542	474,853	484,350	494,037	503,918	513,996
2018	367,894	375,252	382,757	390,412	398,221	406,185	414,309	422,595	431,047	439,668	448,461	457,430	466,579	475,911	485,429	495,137	505,040	515,141
2019	368,702	376,076	383,597	391,269	399,095	407,077	415,218	423,522	431,993	440,633	449,445	458,434	467,603	476,955	486,494	496,224	506,149	516,271
2020	372,443	379,891	387,489	395,239	403,144	411,207	419,431	427,820	436,376	445,103	454,005	463,086	472,347	481,794	491,430	501,259	511,284	521,510
2021	373,199	380,663	388,276	396,042	403,963	412,042	420,283	428,688	437,262	446,007	454,927	464,026	473,307	482,773	492,428	502,277	512,322	522,569

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level 535,806 546,522 557,453 568,602 579,974 591,573 603,405 615,473 627,782 640,338 653,145 666,208 679,532 693,122

Year of Birth	Maturity (months) 1299:1311	Maturity (months) 1311:1323	Maturity (months) 1323:1335	Maturity (months) 1335:1347	Maturity (months) 1347:1359	Maturity (months) 1359:1371	Maturity (months) 1371:1383	Maturity (months) 1383:1395	Maturity (months) 1395:1407	Maturity (months) 1407:1419	Maturity (months) 1419:1431	Maturity (months) 1431:1443	Maturity (months) 1443:1455	Maturity (months) 1455:1467
1989	332,536	339,187	345,970	352,890	359,948	367,147	374,489	381,979	389,619	397,411	405,359	413,467	421,736	430,171
1990	297,969	303,928	310,007	316,207	322,531	328,981	335,561	342,272	349,118	356,100	363,222	370,487	377,896	385,454
1991	440,865	449,682	458,676	467,849	477,206	486,750	496,485	506,415	516,543	526,874	537,412	548,160	559,123	570,306
1992	339,448	346,236	353,161	360,224	367,429	374,778	382,273	389,919	397,717	405,671	413,785	422,060	430,502	439,112
1993	350,486	357,496	364,646	371,939	379,378	386,965	394,705	402,599	410,651	418,864	427,241	435,786	444,502	453,392
1994	285,339	291,046	296,867	302,804	308,860	315,037	321,338	327,765	334,320	341,007	347,827	354,783	361,879	369,116
1995	439,177	447,961	456,920	466,059	475,380	484,887	494,585	504,477	514,566	524,858	535,355	546,062	556,983	568,123
1996	402,387	410,435	418,643	427,016	435,556	444,268	453,153	462,216	471,460	480,890	490,507	500,317	510,324	520,530
1997	326,817	333,353	340,020	346,821	353,757	360,832	368,049	375,410	382,918	390,577	398,388	406,356	414,483	422,773
1998	423,988	432,467	441,117	449,939	458,938	468,116	477,479	487,028	496,769	506,704	516,838	527,175	537,719	548,473
1999	521,811	532,247	542,892	553,750	564,825	576,122	587,644	599,397	611,385	623,613	636,085	648,807	661,783	675,018
2000	349,150	356,133	363,255	370,520	377,931	385,489	393,199	401,063	409,084	417,266	425,611	434,124	442,806	451,662
2001	486,779	496,514	506,445	516,573	526,905	537,443	548,192	559,156	570,339	581,746	593,380	605,248	617,353	629,700
2002	410,225	418,429	426,798	435,334	444,040	452,921	461,979	471,219	480,643	490,256	500,061	510,063	520,264	530,669
2003	568,503	579,873	591,470	603,300	615,366	627,673	640,226	653,031	666,092	679,413	693,002	706,862	720,999	735,419
2004	373,534	381,004	388,625	396,397	404,325	412,411	420,660	429,073	437,654	446,407	455,336	464,442	473,731	483,206
2005	412,650	420,903	429,321	437,907	446,665	455,598	464,710	474,005	483,485	493,154	503,017	513,078	523,339	533,806
2006	457,811	466,967	476,307	485,833	495,550	505,461	515,570	525,881	536,399	547,127	558,069	569,231	580,615	592,228
2007	654,615	667,707	681,061	694,683	708,576	722,748	737,203	751,947	766,986	782,325	797,972	813,931	830,210	846,814
2008	438,632	447,404	456,352	465,479	474,789	484,285	493,970	503,850	513,927	524,205	534,690	545,383	556,291	567,417
2009	492,987	502,847	512,904	523,162	533,625	544,298	555,184	566,287	577,613	589,165	600,949	612,968	625,227	637,732
2010	414,109	422,391	430,839	439,456	448,245	457,210	466,354	475,681	485,195	494,899	504,797	514,893	525,191	535,694
2011	415,441	423,750	432,225	440,869	449,687	458,681	467,854	477,211	486,755	496,491	506,420	516,549	526,880	537,417
2012	417,198	425,542	434,053	442,734	451,589	460,621	469,833	479,230	488,814	498,591	508,563	518,734	529,109	539,691
2013	509,132	519,315	529,701	540,295	551,101	562,123	573,365	584,833	596,529	608,460	620,629	633,042	645,703	658,617
2014	512,133	522,376	532,823	543,480	554,350	565,437	576,745	588,280	600,046	612,047	624,288	636,773	649,509	662,499
2015	513,083	523,345	533,812	544,488	555,378	566,485	577,815	589,371	601,159	613,182	625,445	637,954	650,713	663,728
2016	513,963	524,242	534,727	545,422	556,330	567,457	578,806	590,382	602,189	614,233	626,518	639,048	651,829	664,866
2017	524,276	534,761	545,457	556,366	567,493	578,843	590,420	602,228	614,273	626,558	639,089	651,871	664,908	678,207
2018	525,444	535,953	546,672	557,605	568,757	580,132	591,735	603,570	615,641	627,954	640,513	653,323	666,390	679,718
2019	526,597	537,129	547,871	558,829	570,005	581,406	593,034	604,894	616,992	629,332	641,919	654,757	667,852	681,209
2020	531,940	542,579	553,430	564,499	575,789	587,304	599,051	611,032	623,252	635,717	648,432	661,400	674,628	688,121
2021	533,020	543,680	554,554	565,645	576,958	588,497	600,267	612,272	624,518	637,008	649,748	662,743	675,998	689,518

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 3:15	Maturity (months) 15:27	Maturity (months) 27:39	Maturity (months) 39:51	Maturity (months) 51:63	Maturity (months) 63:75	Maturity (months) 75:87	Maturity (months) 87:99	Maturity (months) 99:111	Maturity (months) 111:123	Maturity (months) 123:135	Maturity (months) 135:147	Maturity (months) 147:159	Maturity (months) 159:171	Maturity (months) 171:183	Maturity (months) 183:195	Maturity (months) 195:207	Maturity (months) 207:219
1989																		
1990																		
1991																		
1992																		
1993																		
1994																		
1995																		
1996																		
1997																		
1998																		
1999																		
2000																		
2001																		
2002																		
2003																		
2004																		5.00
2005																	7.00	6.89
2006																9.00	8.88	8.76
2007															7.00	6.84	6.68	6.52
2008														9.00	8.92	8.83	8.75	8.66
2009													10.00	9.90	9.80	9.69	9.59	9.49
2010												5.00	4.98	4.95	4.92	4.90	4.87	4.85
2011										10.00	9.89	9.79	9.68	9.58	9.47	9.36	9.25	
2012									7.00	6.94	6.88	6.83	6.77	6.71	6.65	6.59	6.53	
2013								7.00	6.87	6.74	6.62	6.49	6.36	6.24	6.11	5.99	5.86	
2014								9.00	8.82	8.64	8.47	8.29	8.12	7.94	7.77	7.60	7.43	7.26
2015							15.00	14.81	14.61	14.42	14.22	14.03	13.83	13.64	13.44	13.25	13.05	12.85
2016						5.85	5.78	5.70	5.62	5.54	5.46	5.38	5.31	5.23	5.15	5.07	4.99	4.91
2017					12.76	13.45	13.24	13.03	12.82	12.61	12.41	12.20	11.99	11.79	11.58	11.38	11.17	10.96
2018				14.92	16.03	16.93	16.71	16.49	16.27	16.05	15.83	15.61	15.39	15.17	14.95	14.73	14.51	14.28
2019			8.29	12.05	12.95	13.68	13.50	13.32	13.15	12.97	12.80	12.62	12.45	12.27	12.09	11.92	11.74	11.56
2020		2.87	5.85	8.56	9.24	9.78	9.68	9.58	9.48	9.38	9.27	9.17	9.07	8.96	8.86	8.75	8.65	8.54
2021	0.22	0.72	1.76	2.58	2.81	2.98	2.95	2.92	2.88	2.85	2.82	2.79	2.76	2.73	2.69	2.66	2.63	2.59

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 3:15 to 63:75, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 219:231	Maturity (months) 231:243	Maturity (months) 243:255	Maturity (months) 255:267	Maturity (months) 267:279	Maturity (months) 279:291	Maturity (months) 291:303	Maturity (months) 303:315	Maturity (months) 315:327	Maturity (months) 327:339	Maturity (months) 339:351	Maturity (months) 351:363	Maturity (months) 363:375	Maturity (months) 375:387	Maturity (months) 387:399	Maturity (months) 399:411	Maturity (months) 411:423	Maturity (months) 423:435
1989															3.00	2.97	2.93	2.90
1990														3.00	2.90	2.80	2.70	2.60
1991													4.00	3.94	3.88	3.82	3.76	3.70
1992												9.00	8.88	8.76	8.64	8.52	8.39	8.27
1993										8.00	7.89	7.77	7.65	7.54	7.42	7.30	7.18	7.18
1994									3.00	2.98	2.97	2.95	2.93	2.92	2.90	2.88	2.87	2.87
1995								5.00	4.94	4.89	4.83	4.77	4.72	4.66	4.60	4.54	4.48	4.48
1996							6.00	5.87	5.73	5.60	5.47	5.34	5.21	5.07	4.94	4.81	4.69	4.69
1997						8.00	7.92	7.84	7.76	7.68	7.60	7.51	7.43	7.35	7.26	7.17	7.09	7.09
1998					11.00	10.86	10.72	10.58	10.44	10.29	10.15	10.00	9.86	9.71	9.56	9.41	9.27	9.27
1999				3.00	2.94	2.87	2.81	2.74	2.68	2.62	2.55	2.49	2.43	2.36	2.30	2.24	2.18	2.18
2000			4.00	3.92	3.84	3.77	3.69	3.61	3.54	3.46	3.38	3.31	3.23	3.15	3.08	3.00	2.93	2.93
2001		4.00	3.95	3.90	3.85	3.80	3.75	3.70	3.65	3.60	3.55	3.50	3.44	3.39	3.34	3.29	3.23	3.23
2002		13.00	12.78	12.57	12.35	12.13	11.91	11.70	11.48	11.26	11.04	10.83	10.61	10.39	10.17	9.96	9.74	9.52
2003	3.00	2.91	2.83	2.75	2.67	2.58	2.50	2.42	2.35	2.27	2.19	2.12	2.05	1.97	1.90	1.83	1.76	1.69
2004	4.95	4.91	4.86	4.81	4.76	4.71	4.66	4.61	4.56	4.51	4.46	4.41	4.36	4.31	4.25	4.20	4.15	4.09
2005	6.79	6.68	6.57	6.46	6.35	6.24	6.13	6.03	5.92	5.81	5.70	5.59	5.48	5.37	5.26	5.15	5.04	4.93
2006	8.64	8.52	8.40	8.27	8.15	8.03	7.90	7.78	7.66	7.53	7.41	7.28	7.15	7.03	6.90	6.77	6.65	6.52
2007	6.36	6.21	6.05	5.89	5.74	5.58	5.43	5.28	5.13	4.98	4.84	4.69	4.55	4.41	4.27	4.13	3.99	3.86
2008	8.58	8.49	8.40	8.31	8.22	8.13	8.04	7.95	7.86	7.76	7.67	7.58	7.48	7.39	7.29	7.19	7.09	6.99
2009	9.38	9.27	9.16	9.06	8.95	8.84	8.72	8.61	8.50	8.39	8.28	8.16	8.05	7.93	7.82	7.70	7.58	7.46
2010	4.82	4.79	4.76	4.73	4.71	4.68	4.65	4.62	4.59	4.56	4.53	4.50	4.46	4.43	4.40	4.37	4.33	4.30
2011	9.14	9.02	8.91	8.80	8.68	8.57	8.45	8.34	8.22	8.10	7.98	7.87	7.75	7.63	7.51	7.39	7.26	7.14
2012	6.46	6.40	6.34	6.27	6.21	6.14	6.08	6.01	5.94	5.88	5.81	5.74	5.67	5.60	5.53	5.46	5.39	5.32
2013	5.74	5.61	5.48	5.36	5.23	5.11	4.99	4.87	4.74	4.62	4.50	4.38	4.27	4.15	4.03	3.92	3.80	3.69
2014	7.08	6.91	6.74	6.57	6.40	6.24	6.07	5.91	5.75	5.59	5.43	5.27	5.11	4.96	4.80	4.65	4.50	4.35
2015	12.65	12.45	12.24	12.04	11.84	11.63	11.43	11.23	11.02	10.82	10.62	10.41	10.21	10.00	9.80	9.60	9.39	9.19
2016	4.83	4.75	4.67	4.59	4.51	4.43	4.34	4.26	4.18	4.10	4.02	3.94	3.86	3.78	3.70	3.62	3.54	3.45
2017	10.75	10.54	10.34	10.13	9.92	9.71	9.51	9.30	9.09	8.89	8.69	8.48	8.28	8.08	7.88	7.68	7.48	7.28
2018	14.06	13.83	13.60	13.37	13.14	12.91	12.68	12.46	12.23	12.00	11.77	11.54	11.31	11.08	10.85	10.62	10.39	10.16
2019	11.38	11.19	11.01	10.83	10.64	10.46	10.28	10.09	9.91	9.73	9.54	9.36	9.17	8.99	8.81	8.62	8.44	8.25
2020	8.43	8.32	8.21	8.10	7.99	7.88	7.77	7.66	7.54	7.43	7.32	7.20	7.09	6.97	6.86	6.74	6.63	6.51
2021	2.56	2.53	2.49	2.46	2.42	2.39	2.36	2.32	2.29	2.25	2.22	2.18	2.15	2.11	2.07	2.04	2.00	1.97

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 3:15 to 63:75, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 435:447	Maturity (months) 447:459	Maturity (months) 459:471	Maturity (months) 471:483	Maturity (months) 483:495	Maturity (months) 495:507	Maturity (months) 507:519	Maturity (months) 519:531	Maturity (months) 531:543	Maturity (months) 543:555	Maturity (months) 555:567	Maturity (months) 567:579	Maturity (months) 579:591	Maturity (months) 591:603	Maturity (months) 603:615	Maturity (months) 615:627	Maturity (months) 627:639	Maturity (months) 639:651
1989	2.86	2.83	2.79	2.76	2.72	2.68	2.65	2.61	2.57	2.53	2.49	2.45	2.41	2.37	2.33	2.29	2.24	2.20
1990	2.50	2.40	2.31	2.22	2.13	2.04	1.95	1.86	1.77	1.69	1.61	1.53	1.45	1.37	1.30	1.22	1.15	1.08
1991	3.63	3.57	3.51	3.44	3.38	3.32	3.25	3.19	3.12	3.06	2.99	2.92	2.85	2.79	2.72	2.65	2.58	2.50
1992	8.14	8.02	7.89	7.76	7.63	7.50	7.37	7.23	7.10	6.96	6.83	6.69	6.55	6.40	6.26	6.11	5.97	5.82
1993	7.06	6.94	6.82	6.70	6.57	6.45	6.32	6.20	6.07	5.94	5.82	5.69	5.55	5.42	5.29	5.15	5.01	4.88
1994	2.85	2.83	2.81	2.79	2.77	2.75	2.73	2.71	2.69	2.67	2.65	2.62	2.60	2.58	2.55	2.53	2.50	2.48
1995	4.42	4.36	4.30	4.23	4.17	4.11	4.04	3.98	3.91	3.85	3.78	3.71	3.64	3.57	3.50	3.43	3.35	3.28
1996	4.56	4.43	4.30	4.17	4.05	3.92	3.80	3.67	3.55	3.43	3.30	3.18	3.06	2.94	2.82	2.70	2.58	2.47
1997	7.00	6.91	6.82	6.73	6.64	6.54	6.45	6.35	6.26	6.16	6.06	5.96	5.86	5.75	5.65	5.54	5.43	5.32
1998	9.11	8.96	8.81	8.66	8.50	8.34	8.19	8.03	7.87	7.71	7.54	7.38	7.21	7.05	6.88	6.70	6.53	6.35
1999	2.12	2.06	2.00	1.94	1.88	1.82	1.76	1.70	1.64	1.58	1.52	1.47	1.41	1.35	1.30	1.24	1.19	1.13
2000	2.85	2.78	2.70	2.63	2.55	2.48	2.40	2.33	2.26	2.18	2.11	2.04	1.97	1.89	1.82	1.75	1.68	1.61
2001	3.18	3.13	3.07	3.02	2.96	2.91	2.85	2.79	2.74	2.68	2.62	2.56	2.50	2.45	2.39	2.32	2.26	2.20
2002	9.30	9.08	8.86	8.65	8.43	8.21	7.99	7.77	7.55	7.34	7.12	6.90	6.68	6.46	6.24	6.02	5.80	5.58
2003	1.63	1.56	1.49	1.43	1.37	1.31	1.25	1.19	1.13	1.07	1.02	0.96	0.91	0.86	0.81	0.76	0.71	0.66
2004	4.04	3.98	3.93	3.87	3.81	3.76	3.70	3.64	3.58	3.52	3.46	3.39	3.33	3.27	3.20	3.14	3.07	3.00
2005	4.82	4.71	4.60	4.49	4.38	4.27	4.16	4.05	3.94	3.83	3.72	3.61	3.50	3.39	3.27	3.16	3.05	2.94
2006	6.39	6.26	6.13	6.00	5.87	5.74	5.61	5.48	5.35	5.21	5.08	4.95	4.81	4.68	4.54	4.40	4.26	4.12
2007	3.72	3.59	3.46	3.33	3.20	3.08	2.95	2.83	2.71	2.59	2.47	2.36	2.24	2.13	2.02	1.91	1.81	1.70
2008	6.89	6.79	6.69	6.59	6.48	6.38	6.27	6.17	6.06	5.95	5.84	5.73	5.61	5.50	5.38	5.26	5.14	5.02
2009	7.34	7.22	7.10	6.98	6.86	6.73	6.61	6.48	6.35	6.23	6.10	5.96	5.83	5.70	5.56	5.43	5.29	5.15
2010	4.26	4.23	4.19	4.16	4.12	4.08	4.05	4.01	3.97	3.93	3.89	3.85	3.80	3.76	3.71	3.67	3.62	3.57
2011	7.02	6.90	6.77	6.65	6.52	6.39	6.26	6.14	6.01	5.88	5.74	5.61	5.48	5.34	5.21	5.07	4.93	4.79
2012	5.25	5.17	5.10	5.02	4.95	4.87	4.79	4.72	4.64	4.56	4.48	4.40	4.31	4.23	4.14	4.06	3.97	3.88
2013	3.57	3.46	3.35	3.24	3.13	3.02	2.91	2.81	2.70	2.59	2.49	2.39	2.29	2.19	2.09	1.99	1.89	1.79
2014	4.21	4.06	3.92	3.77	3.63	3.49	3.36	3.22	3.09	2.96	2.83	2.70	2.57	2.45	2.32	2.20	2.08	1.97
2015	8.98	8.77	8.57	8.36	8.16	7.95	7.74	7.54	7.33	7.13	6.92	6.71	6.50	6.30	6.09	5.88	5.67	5.46
2016	3.37	3.29	3.21	3.13	3.05	2.97	2.89	2.81	2.73	2.65	2.57	2.49	2.41	2.33	2.25	2.16	2.08	2.00
2017	7.08	6.89	6.69	6.49	6.30	6.11	5.91	5.72	5.53	5.34	5.15	4.97	4.78	4.59	4.41	4.22	4.04	3.86
2018	9.93	9.70	9.47	9.24	9.01	8.78	8.55	8.32	8.09	7.85	7.62	7.39	7.16	6.93	6.70	6.46	6.23	6.00
2019	8.07	7.88	7.70	7.51	7.32	7.14	6.95	6.77	6.58	6.39	6.21	6.02	5.84	5.65	5.46	5.27	5.08	4.90
2020	6.39	6.27	6.15	6.03	5.91	5.79	5.67	5.55	5.42	5.30	5.18	5.05	4.92	4.80	4.67	4.54	4.41	4.27
2021	1.93	1.89	1.86	1.82	1.78	1.74	1.71	1.67	1.63	1.59	1.55	1.51	1.48	1.44	1.40	1.36	1.32	1.27

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 3:15 to 63:75, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 651:663	Maturity (months) 663:675	Maturity (months) 675:687	Maturity (months) 687:699	Maturity (months) 699:711	Maturity (months) 711:723	Maturity (months) 723:735	Maturity (months) 735:747	Maturity (months) 747:759	Maturity (months) 759:771	Maturity (months) 771:783	Maturity (months) 783:795	Maturity (months) 795:807	Maturity (months) 807:819	Maturity (months) 819:831	Maturity (months) 831:843	Maturity (months) 843:855	Maturity (months) 855:867
1989	2.15	2.11	2.06	2.01	1.96	1.91	1.86	1.81	1.76	1.70	1.65	1.60	1.54	1.48	1.42	1.36	1.30	1.24
1990	1.01	0.94	0.87	0.81	0.75	0.69	0.63	0.58	0.53	0.48	0.43	0.38	0.34	0.30	0.26	0.23	0.20	0.17
1991	2.43	2.36	2.28	2.21	2.14	2.06	1.98	1.91	1.83	1.75	1.67	1.59	1.51	1.44	1.36	1.28	1.20	1.12
1992	5.66	5.51	5.35	5.20	5.04	4.88	4.71	4.55	4.38	4.21	4.04	3.87	3.69	3.52	3.35	3.17	2.99	2.82
1993	4.74	4.59	4.45	4.31	4.16	4.01	3.87	3.72	3.57	3.42	3.26	3.11	2.96	2.80	2.65	2.50	2.34	2.19
1994	2.45	2.42	2.39	2.36	2.33	2.30	2.27	2.24	2.20	2.17	2.13	2.09	2.05	2.01	1.97	1.93	1.89	1.84
1995	3.20	3.13	3.05	2.97	2.89	2.80	2.72	2.64	2.55	2.46	2.37	2.28	2.19	2.10	2.01	1.91	1.82	1.73
1996	2.35	2.23	2.12	2.01	1.90	1.79	1.68	1.57	1.47	1.36	1.26	1.17	1.07	0.98	0.89	0.81	0.73	0.65
1997	5.20	5.09	4.97	4.85	4.73	4.60	4.48	4.35	4.22	4.08	3.95	3.81	3.67	3.53	3.39	3.24	3.09	2.94
1998	6.18	6.00	5.81	5.63	5.45	5.26	5.07	4.88	4.69	4.49	4.30	4.10	3.90	3.71	3.51	3.31	3.12	2.92
1999	1.08	1.02	0.97	0.92	0.86	0.81	0.76	0.71	0.66	0.62	0.57	0.53	0.48	0.44	0.40	0.36	0.32	0.29
2000	1.54	1.46	1.39	1.32	1.26	1.19	1.12	1.05	0.99	0.92	0.86	0.80	0.74	0.68	0.62	0.57	0.51	0.46
2001	2.14	2.07	2.01	1.95	1.88	1.81	1.75	1.68	1.61	1.55	1.48	1.41	1.34	1.27	1.20	1.13	1.06	1.00
2002	5.36	5.14	4.92	4.70	4.49	4.27	4.05	3.84	3.62	3.41	3.20	3.00	2.80	2.60	2.40	2.21	2.03	1.85
2003	0.62	0.58	0.53	0.49	0.45	0.41	0.38	0.34	0.31	0.28	0.25	0.22	0.20	0.17	0.15	0.13	0.11	0.09
2004	2.93	2.86	2.79	2.72	2.65	2.57	2.49	2.42	2.34	2.26	2.18	2.10	2.01	1.93	1.85	1.76	1.67	1.59
2005	2.83	2.71	2.60	2.49	2.38	2.26	2.15	2.04	1.93	1.82	1.71	1.61	1.50	1.40	1.30	1.20	1.10	1.00
2006	3.98	3.84	3.70	3.56	3.42	3.28	3.13	2.99	2.85	2.71	2.56	2.42	2.28	2.14	2.00	1.87	1.73	1.60
2007	1.60	1.50	1.41	1.31	1.22	1.13	1.04	0.96	0.88	0.80	0.73	0.65	0.59	0.52	0.46	0.41	0.36	0.31
2008	4.90	4.77	4.65	4.52	4.39	4.25	4.12	3.98	3.84	3.70	3.56	3.42	3.28	3.13	2.98	2.84	2.69	2.54
2009	5.01	4.86	4.72	4.57	4.42	4.27	4.12	3.97	3.82	3.66	3.50	3.35	3.19	3.03	2.87	2.71	2.55	2.40
2010	3.52	3.47	3.42	3.37	3.31	3.26	3.20	3.14	3.08	3.02	2.95	2.89	2.82	2.75	2.68	2.60	2.53	2.45
2011	4.65	4.50	4.36	4.21	4.07	3.92	3.77	3.62	3.47	3.32	3.16	3.01	2.86	2.70	2.55	2.40	2.25	2.10
2012	3.79	3.69	3.60	3.50	3.41	3.31	3.21	3.11	3.00	2.90	2.79	2.69	2.58	2.47	2.36	2.25	2.14	2.02
2013	1.70	1.61	1.51	1.42	1.33	1.25	1.16	1.08	1.00	0.92	0.85	0.77	0.70	0.64	0.57	0.51	0.45	0.40
2014	1.85	1.74	1.63	1.52	1.42	1.32	1.22	1.12	1.03	0.94	0.86	0.78	0.70	0.63	0.56	0.49	0.43	0.37
2015	5.25	5.04	4.83	4.62	4.41	4.20	4.00	3.79	3.58	3.38	3.18	2.98	2.78	2.59	2.40	2.22	2.03	1.86
2016	1.92	1.84	1.76	1.68	1.60	1.52	1.44	1.37	1.29	1.21	1.14	1.06	0.99	0.92	0.85	0.78	0.71	0.65
2017	3.68	3.50	3.32	3.15	2.97	2.80	2.63	2.47	2.31	2.15	1.99	1.84	1.69	1.55	1.41	1.28	1.15	1.03
2018	5.76	5.53	5.29	5.06	4.83	4.60	4.37	4.14	3.91	3.69	3.46	3.24	3.03	2.81	2.60	2.40	2.20	2.01
2019	4.71	4.52	4.33	4.14	3.95	3.76	3.58	3.39	3.21	3.03	2.84	2.67	2.49	2.32	2.15	1.98	1.82	1.66
2020	4.14	4.01	3.87	3.74	3.60	3.46	3.32	3.18	3.04	2.90	2.76	2.62	2.48	2.34	2.20	2.07	1.93	1.79
2021	1.23	1.19	1.15	1.11	1.06	1.02	0.98	0.94	0.89	0.85	0.81	0.76	0.72	0.68	0.64	0.59	0.55	0.51

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 3:15 to 63:75, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 867:879	Maturity (months) 879:891	Maturity (months) 891:903	Maturity (months) 903:915	Maturity (months) 915:927	Maturity (months) 927:939	Maturity (months) 939:951	Maturity (months) 951:963	Maturity (months) 963:975	Maturity (months) 975:987	Maturity (months) 987:999	Maturity (months) 999:1011	Maturity (months) 1011:1023	Maturity (months) 1023:1035	Maturity (months) 1035:1047	Maturity (months) 1047:1059	Maturity (months) 1059:1071	Maturity (months) 1071:1083
1989	1.18	1.12	1.06	1.00	0.94	0.88	0.82	0.75	0.69	0.63	0.58	0.52	0.47	0.41	0.36	0.31	0.27	0.23
1990	0.14	0.12	0.10	0.08	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
1991	1.05	0.97	0.90	0.82	0.75	0.68	0.61	0.55	0.49	0.43	0.37	0.32	0.28	0.23	0.19	0.16	0.13	0.10
1992	2.64	2.47	2.30	2.13	1.96	1.80	1.64	1.48	1.33	1.19	1.05	0.92	0.80	0.68	0.58	0.48	0.40	0.32
1993	2.05	1.90	1.75	1.61	1.47	1.34	1.21	1.08	0.96	0.85	0.74	0.64	0.54	0.46	0.38	0.31	0.25	0.20
1994	1.79	1.74	1.69	1.64	1.59	1.53	1.48	1.42	1.36	1.30	1.23	1.17	1.10	1.04	0.97	0.90	0.84	0.77
1995	1.63	1.54	1.44	1.35	1.25	1.16	1.07	0.98	0.89	0.80	0.72	0.64	0.57	0.49	0.43	0.36	0.30	0.25
1996	0.58	0.51	0.45	0.39	0.33	0.28	0.24	0.20	0.16	0.13	0.10	0.08	0.06	0.04	0.03	0.02	0.01	0.01
1997	2.80	2.65	2.50	2.35	2.20	2.05	1.90	1.75	1.60	1.46	1.32	1.19	1.06	0.93	0.82	0.70	0.60	0.51
1998	2.73	2.54	2.35	2.16	1.98	1.80	1.63	1.47	1.31	1.15	1.01	0.88	0.75	0.64	0.53	0.44	0.35	0.28
1999	0.26	0.22	0.20	0.17	0.14	0.12	0.10	0.08	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.00
2000	0.41	0.37	0.32	0.28	0.25	0.21	0.18	0.15	0.12	0.10	0.08	0.06	0.05	0.04	0.03	0.02	0.01	0.01
2001	0.93	0.86	0.80	0.73	0.67	0.61	0.55	0.49	0.44	0.39	0.34	0.29	0.25	0.21	0.17	0.14	0.11	0.09
2002	1.68	1.51	1.35	1.20	1.06	0.93	0.80	0.69	0.58	0.49	0.40	0.33	0.26	0.20	0.16	0.12	0.09	0.06
2003	0.08	0.06	0.05	0.04	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	1.50	1.41	1.33	1.24	1.16	1.07	0.99	0.90	0.82	0.75	0.67	0.60	0.53	0.46	0.40	0.34	0.28	0.24
2005	0.91	0.83	0.74	0.66	0.59	0.51	0.45	0.38	0.33	0.28	0.23	0.19	0.15	0.12	0.09	0.07	0.05	0.04
2006	1.47	1.35	1.23	1.11	1.00	0.89	0.79	0.69	0.60	0.51	0.44	0.37	0.30	0.25	0.20	0.15	0.12	0.09
2007	0.26	0.23	0.19	0.16	0.13	0.10	0.08	0.07	0.05	0.04	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00
2008	2.39	2.24	2.10	1.95	1.81	1.67	1.53	1.39	1.26	1.13	1.01	0.89	0.78	0.67	0.57	0.48	0.40	0.33
2009	2.24	2.09	1.93	1.78	1.64	1.49	1.35	1.22	1.09	0.96	0.84	0.73	0.63	0.53	0.45	0.37	0.30	0.24
2010	2.37	2.29	2.20	2.12	2.03	1.94	1.85	1.76	1.66	1.57	1.47	1.37	1.28	1.18	1.08	0.99	0.90	0.80
2011	1.95	1.81	1.66	1.53	1.39	1.26	1.13	1.01	0.89	0.78	0.68	0.58	0.50	0.41	0.34	0.28	0.22	0.17
2012	1.91	1.80	1.69	1.57	1.46	1.35	1.25	1.14	1.04	0.93	0.84	0.74	0.65	0.57	0.49	0.42	0.35	0.29
2013	0.35	0.30	0.26	0.22	0.19	0.16	0.13	0.10	0.08	0.06	0.05	0.04	0.03	0.02	0.01	0.01	0.01	0.00
2014	0.32	0.28	0.23	0.19	0.16	0.13	0.11	0.08	0.06	0.05	0.04	0.03	0.02	0.01	0.01	0.01	0.00	0.00
2015	1.69	1.53	1.37	1.22	1.08	0.95	0.83	0.71	0.60	0.51	0.42	0.34	0.28	0.22	0.17	0.13	0.09	0.07
2016	0.59	0.53	0.47	0.42	0.37	0.32	0.28	0.24	0.20	0.17	0.14	0.11	0.09	0.07	0.05	0.04	0.03	0.02
2017	0.92	0.81	0.71	0.62	0.53	0.45	0.38	0.31	0.26	0.21	0.16	0.13	0.10	0.07	0.05	0.04	0.02	0.02
2018	1.82	1.65	1.48	1.31	1.16	1.02	0.88	0.76	0.64	0.54	0.44	0.36	0.29	0.23	0.18	0.13	0.10	0.07
2019	1.51	1.36	1.22	1.09	0.96	0.85	0.73	0.63	0.54	0.45	0.37	0.30	0.24	0.19	0.15	0.11	0.08	0.06
2020	1.66	1.53	1.41	1.28	1.16	1.05	0.94	0.83	0.73	0.63	0.55	0.47	0.39	0.32	0.26	0.21	0.17	0.13
2021	0.47	0.43	0.39	0.36	0.32	0.29	0.26	0.22	0.20	0.17	0.14	0.12	0.10	0.08	0.07	0.05	0.04	0.03

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 3:15 to 63:75, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 1083:1095	Maturity (months) 1095:1107	Maturity (months) 1107:1119	Maturity (months) 1119:1131	Maturity (months) 1131:1143	Maturity (months) 1143:1155	Maturity (months) 1155:1167	Maturity (months) 1167:1179	Maturity (months) 1179:1191	Maturity (months) 1191:1203	Maturity (months) 1203:1215	Maturity (months) 1215:1227	Maturity (months) 1227:1239	Maturity (months) 1239:1251	Maturity (months) 1251:1263	Maturity (months) 1263:1275	Maturity (months) 1275:1287	Maturity (months) 1287:1299
1989	0.19	0.16	0.13	0.10	0.08	0.06	0.04	0.03	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1990	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-
1991	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	0.25	0.20	0.15	0.11	0.08	0.05	0.04	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	0.15	0.11	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	0.70	0.64	0.57	0.51	0.45	0.39	0.34	0.29	0.24	0.20	0.17	0.13	0.11	0.09	0.07	0.06	0.04	0.04
1995	0.21	0.16	0.13	0.10	0.07	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	0.42	0.34	0.27	0.22	0.17	0.12	0.09	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00
1998	0.22	0.16	0.12	0.09	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	0.07	0.05	0.04	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-
2004	0.19	0.15	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2005	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006	0.06	0.05	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-
2008	0.26	0.21	0.16	0.12	0.09	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.19	0.14	0.11	0.08	0.05	0.04	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0.72	0.63	0.55	0.47	0.40	0.34	0.28	0.23	0.18	0.14	0.11	0.08	0.06	0.05	0.04	0.03	0.02	0.01
2011	0.13	0.10	0.07	0.05	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.23	0.19	0.15	0.11	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-
2015	0.05	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	0.05	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2020	0.10	0.07	0.05	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2021	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 3:15 to 63:75, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 1299:1311	Maturity (months) 1311:1323	Maturity (months) 1323:1335	Maturity (months) 1335:1347	Maturity (months) 1347:1359	Maturity (months) 1359:1371	Maturity (months) 1371:1383	Maturity (months) 1383:1395	Maturity (months) 1395:1407	Maturity (months) 1407:1419	Maturity (months) 1419:1431	Maturity (months) 1431:1443	Maturity (months) 1443:1455	Maturity (months) 1455:1467	Maturity (months) 1467:1479
1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 3:15 to 63:75, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 3:15	Maturity (months) 15:27	Maturity (months) 27:39	Maturity (months) 39:51	Maturity (months) 51:63	Maturity (months) 63:75	Maturity (months) 75:87	Maturity (months) 87:99	Maturity (months) 99:111	Maturity (months) 111:123	Maturity (months) 123:135	Maturity (months) 135:147	Maturity (months) 147:159	Maturity (months) 159:171	Maturity (months) 171:183	Maturity (months) 183:195	Maturity (months) 195:207	Maturity (months) 207:219
1989																		
1990																		
1991																		
1992																		
1993																		
1994																		
1995																		
1996																		
1997																		
1998																		
1999																		
2000																		
2001																		
2002																		
2003																		
2004																		0.0094
2005																	0.0152	0.0156
2006																0.0132	0.0135	0.0138
2007															0.0228	0.0233	0.0238	0.0243
2008														0.0092	0.0094	0.0096	0.0098	0.0100
2009													0.0101	0.0103	0.0105	0.0107	0.0110	0.0112
2010												0.0050	0.0051	0.0051	0.0052	0.0054	0.0055	0.0056
2011											0.0106	0.0107	0.0109	0.0111	0.0113	0.0115	0.0118	0.0121
2012										0.0082	0.0084	0.0085	0.0086	0.0088	0.0089	0.0091	0.0093	0.0096
2013									0.0183	0.0186	0.0188	0.0191	0.0194	0.0197	0.0201	0.0206	0.0210	0.0215
2014								0.0199	0.0202	0.0204	0.0207	0.0210	0.0213	0.0217	0.0222	0.0226	0.0232	0.0237
2015							0.0130	0.0131	0.0133	0.0135	0.0137	0.0139	0.0141	0.0143	0.0146	0.0149	0.0153	0.0156
2016						0.0134	0.0136	0.0138	0.0139	0.0141	0.0143	0.0145	0.0147	0.0150	0.0153	0.0157	0.0160	0.0164
2017					0.0154	0.0156	0.0158	0.0160	0.0162	0.0164	0.0166	0.0169	0.0171	0.0174	0.0178	0.0182	0.0186	0.0190
2018				0.0233	0.0129	0.0130	0.0131	0.0133	0.0135	0.0137	0.0139	0.0141	0.0143	0.0145	0.0148	0.0152	0.0155	0.0158
2019			0.0311	0.0231	0.0127	0.0129	0.0130	0.0132	0.0134	0.0135	0.0137	0.0139	0.0141	0.0144	0.0147	0.0150	0.0153	0.0157
2020		0.1854	0.0251	0.0186	0.0103	0.0104	0.0105	0.0107	0.0108	0.0109	0.0111	0.0112	0.0114	0.0116	0.0119	0.0121	0.0124	0.0127
2021	0.1854	0.0251	0.0186	0.0103	0.0104	0.0105	0.0107	0.0108	0.0109	0.0111	0.0112	0.0114	0.0116	0.0119	0.0121	0.0124	0.0127	0.0129

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 219:231	Maturity (months) 231:243	Maturity (months) 243:255	Maturity (months) 255:267	Maturity (months) 267:279	Maturity (months) 279:291	Maturity (months) 291:303	Maturity (months) 303:315	Maturity (months) 315:327	Maturity (months) 327:339	Maturity (months) 339:351	Maturity (months) 351:363	Maturity (months) 363:375	Maturity (months) 375:387	Maturity (months) 387:399	Maturity (months) 399:411	Maturity (months) 411:423	Maturity (months) 423:435	
1989																0.0112	0.0114	0.0117	0.0120
1990														0.0342	0.0350	0.0358	0.0366	0.0375	
1991													0.0150	0.0154	0.0157	0.0161	0.0164	0.0168	
1992											0.0133	0.0136	0.0139	0.0142	0.0145	0.0148	0.0152		
1993										0.0143	0.0146	0.0149	0.0153	0.0156	0.0160	0.0163	0.0167		
1994									0.0053	0.0054	0.0055	0.0057	0.0058	0.0059	0.0060	0.0062	0.0063		
1995								0.0112	0.0114	0.0116	0.0118	0.0121	0.0123	0.0126	0.0129	0.0132	0.0135		
1996							0.0223	0.0227	0.0231	0.0236	0.0241	0.0246	0.0251	0.0257	0.0263	0.0269	0.0275		
1997						0.0099	0.0101	0.0103	0.0105	0.0107	0.0109	0.0111	0.0114	0.0116	0.0119	0.0122	0.0124		
1998					0.0127	0.0130	0.0132	0.0134	0.0137	0.0140	0.0143	0.0146	0.0149	0.0152	0.0156	0.0159	0.0163		
1999				0.0216	0.0220	0.0224	0.0228	0.0232	0.0236	0.0241	0.0246	0.0251	0.0257	0.0263	0.0268	0.0275	0.0281		
2000			0.0194	0.0198	0.0201	0.0205	0.0209	0.0213	0.0217	0.0221	0.0225	0.0230	0.0235	0.0241	0.0246	0.0252	0.0257		
2001			0.0123	0.0125	0.0128	0.0130	0.0132	0.0135	0.0137	0.0140	0.0142	0.0145	0.0148	0.0152	0.0155	0.0159	0.0162	0.0166	
2002		0.0167	0.0170	0.0173	0.0176	0.0180	0.0183	0.0186	0.0189	0.0193	0.0197	0.0201	0.0205	0.0210	0.0214	0.0219	0.0224	0.0229	
2003	0.0283	0.0289	0.0294	0.0300	0.0305	0.0311	0.0316	0.0322	0.0328	0.0334	0.0341	0.0348	0.0355	0.0363	0.0371	0.0379	0.0388	0.0397	
2004	0.0096	0.0097	0.0099	0.0101	0.0103	0.0105	0.0107	0.0109	0.0111	0.0113	0.0115	0.0117	0.0120	0.0122	0.0125	0.0128	0.0131	0.0134	
2005	0.0159	0.0162	0.0165	0.0168	0.0171	0.0174	0.0178	0.0181	0.0184	0.0187	0.0191	0.0195	0.0199	0.0204	0.0208	0.0213	0.0218	0.0223	
2006	0.0141	0.0143	0.0146	0.0149	0.0152	0.0154	0.0157	0.0160	0.0163	0.0166	0.0169	0.0173	0.0176	0.0180	0.0184	0.0188	0.0193	0.0197	
2007	0.0248	0.0253	0.0258	0.0263	0.0268	0.0273	0.0277	0.0282	0.0288	0.0293	0.0299	0.0305	0.0311	0.0318	0.0325	0.0333	0.0340	0.0348	
2008	0.0102	0.0104	0.0106	0.0108	0.0110	0.0112	0.0114	0.0116	0.0118	0.0120	0.0123	0.0125	0.0128	0.0131	0.0134	0.0137	0.0140	0.0143	
2009	0.0114	0.0117	0.0119	0.0121	0.0123	0.0125	0.0128	0.0130	0.0132	0.0135	0.0137	0.0140	0.0143	0.0146	0.0150	0.0153	0.0157	0.0160	
2010	0.0057	0.0058	0.0059	0.0061	0.0062	0.0063	0.0064	0.0065	0.0066	0.0067	0.0069	0.0070	0.0072	0.0073	0.0075	0.0077	0.0078	0.0080	
2011	0.0123	0.0125	0.0128	0.0130	0.0133	0.0135	0.0137	0.0140	0.0142	0.0145	0.0148	0.0151	0.0154	0.0158	0.0161	0.0165	0.0169	0.0172	
2012	0.0098	0.0099	0.0101	0.0103	0.0105	0.0107	0.0109	0.0111	0.0113	0.0115	0.0117	0.0120	0.0122	0.0125	0.0128	0.0131	0.0134	0.0137	
2013	0.0220	0.0224	0.0228	0.0232	0.0237	0.0241	0.0245	0.0250	0.0254	0.0259	0.0264	0.0269	0.0275	0.0281	0.0288	0.0294	0.0301	0.0308	
2014	0.0242	0.0246	0.0251	0.0255	0.0260	0.0265	0.0270	0.0275	0.0280	0.0285	0.0290	0.0296	0.0303	0.0310	0.0317	0.0324	0.0331	0.0339	
2015	0.0160	0.0163	0.0166	0.0169	0.0172	0.0175	0.0178	0.0181	0.0185	0.0188	0.0192	0.0196	0.0200	0.0204	0.0209	0.0214	0.0219	0.0224	
2016	0.0167	0.0170	0.0173	0.0177	0.0180	0.0183	0.0187	0.0190	0.0193	0.0197	0.0201	0.0205	0.0209	0.0214	0.0219	0.0224	0.0229	0.0234	
2017	0.0194	0.0198	0.0202	0.0205	0.0209	0.0213	0.0217	0.0221	0.0225	0.0229	0.0233	0.0238	0.0243	0.0249	0.0254	0.0260	0.0266	0.0272	
2018	0.0162	0.0165	0.0168	0.0171	0.0174	0.0177	0.0181	0.0184	0.0187	0.0191	0.0194	0.0199	0.0203	0.0207	0.0212	0.0217	0.0222	0.0227	
2019	0.0160	0.0163	0.0166	0.0169	0.0172	0.0176	0.0179	0.0182	0.0185	0.0189	0.0192	0.0196	0.0201	0.0205	0.0210	0.0215	0.0219	0.0224	
2020	0.0129	0.0132	0.0134	0.0137	0.0139	0.0142	0.0144	0.0147	0.0150	0.0153	0.0155	0.0159	0.0162	0.0166	0.0169	0.0173	0.0177	0.0181	
2021	0.0132	0.0134	0.0137	0.0139	0.0142	0.0144	0.0147	0.0150	0.0153	0.0155	0.0159	0.0162	0.0166	0.0169	0.0173	0.0177	0.0181	0.0186	

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 435:447	Maturity (months) 447:459	Maturity (months) 459:471	Maturity (months) 471:483	Maturity (months) 483:495	Maturity (months) 495:507	Maturity (months) 507:519	Maturity (months) 519:531	Maturity (months) 531:543	Maturity (months) 543:555	Maturity (months) 555:567	Maturity (months) 567:579	Maturity (months) 579:591	Maturity (months) 591:603	Maturity (months) 603:615	Maturity (months) 615:627	Maturity (months) 627:639	Maturity (months) 639:651
1989	0.0123	0.0126	0.0129	0.0132	0.0135	0.0139	0.0143	0.0147	0.0151	0.0156	0.0160	0.0166	0.0171	0.0177	0.0184	0.0191	0.0198	0.0206
1990	0.0383	0.0393	0.0402	0.0413	0.0423	0.0434	0.0446	0.0459	0.0472	0.0486	0.0502	0.0518	0.0536	0.0555	0.0575	0.0596	0.0620	0.0644
1991	0.0172	0.0176	0.0180	0.0185	0.0190	0.0195	0.0200	0.0206	0.0212	0.0218	0.0225	0.0232	0.0240	0.0249	0.0258	0.0267	0.0278	0.0289
1992	0.0155	0.0159	0.0163	0.0167	0.0172	0.0176	0.0181	0.0186	0.0191	0.0197	0.0203	0.0210	0.0217	0.0225	0.0233	0.0242	0.0251	0.0261
1993	0.0171	0.0175	0.0180	0.0184	0.0189	0.0194	0.0199	0.0205	0.0211	0.0217	0.0224	0.0231	0.0239	0.0247	0.0256	0.0266	0.0276	0.0287
1994	0.0065	0.0066	0.0068	0.0070	0.0071	0.0073	0.0075	0.0077	0.0080	0.0082	0.0085	0.0087	0.0090	0.0094	0.0097	0.0101	0.0105	0.0109
1995	0.0138	0.0142	0.0145	0.0149	0.0152	0.0156	0.0161	0.0165	0.0170	0.0175	0.0181	0.0187	0.0193	0.0200	0.0207	0.0215	0.0223	0.0232
1996	0.0281	0.0288	0.0295	0.0303	0.0310	0.0319	0.0327	0.0336	0.0346	0.0357	0.0368	0.0380	0.0393	0.0407	0.0422	0.0438	0.0455	0.0472
1997	0.0127	0.0130	0.0134	0.0137	0.0140	0.0144	0.0148	0.0152	0.0157	0.0162	0.0167	0.0172	0.0178	0.0184	0.0191	0.0198	0.0206	0.0214
1998	0.0167	0.0171	0.0175	0.0179	0.0184	0.0189	0.0194	0.0199	0.0205	0.0211	0.0218	0.0225	0.0233	0.0241	0.0250	0.0259	0.0269	0.0280
1999	0.0288	0.0295	0.0302	0.0309	0.0317	0.0326	0.0334	0.0344	0.0354	0.0365	0.0376	0.0388	0.0402	0.0416	0.0431	0.0447	0.0465	0.0483
2000	0.0263	0.0270	0.0277	0.0283	0.0291	0.0298	0.0306	0.0315	0.0324	0.0334	0.0345	0.0356	0.0368	0.0381	0.0395	0.0410	0.0426	0.0442
2001	0.0170	0.0174	0.0178	0.0183	0.0187	0.0192	0.0198	0.0203	0.0209	0.0215	0.0222	0.0230	0.0237	0.0246	0.0255	0.0264	0.0274	0.0285
2002	0.0235	0.0240	0.0246	0.0253	0.0259	0.0266	0.0273	0.0281	0.0289	0.0298	0.0307	0.0317	0.0328	0.0339	0.0352	0.0365	0.0379	0.0394
2003	0.0406	0.0416	0.0427	0.0437	0.0448	0.0460	0.0473	0.0486	0.0500	0.0516	0.0532	0.0549	0.0568	0.0588	0.0609	0.0632	0.0657	0.0683
2004	0.0137	0.0140	0.0144	0.0147	0.0151	0.0155	0.0159	0.0164	0.0169	0.0174	0.0179	0.0185	0.0192	0.0198	0.0206	0.0213	0.0222	0.0230
2005	0.0228	0.0234	0.0239	0.0245	0.0252	0.0258	0.0265	0.0273	0.0281	0.0289	0.0298	0.0308	0.0319	0.0330	0.0342	0.0355	0.0369	0.0383
2006	0.0202	0.0207	0.0212	0.0217	0.0223	0.0228	0.0235	0.0241	0.0248	0.0256	0.0264	0.0273	0.0282	0.0292	0.0302	0.0314	0.0326	0.0339
2007	0.0356	0.0365	0.0374	0.0383	0.0393	0.0403	0.0414	0.0426	0.0439	0.0452	0.0466	0.0481	0.0498	0.0515	0.0534	0.0554	0.0576	0.0598
2008	0.0147	0.0150	0.0154	0.0158	0.0162	0.0166	0.0170	0.0175	0.0180	0.0186	0.0192	0.0198	0.0205	0.0212	0.0220	0.0228	0.0237	0.0246
2009	0.0164	0.0168	0.0172	0.0176	0.0181	0.0186	0.0191	0.0196	0.0202	0.0208	0.0215	0.0222	0.0229	0.0237	0.0246	0.0255	0.0265	0.0275
2010	0.0082	0.0084	0.0086	0.0088	0.0091	0.0093	0.0095	0.0098	0.0101	0.0104	0.0107	0.0111	0.0115	0.0119	0.0123	0.0128	0.0133	0.0138
2011	0.0177	0.0181	0.0185	0.0190	0.0195	0.0200	0.0205	0.0211	0.0217	0.0224	0.0231	0.0239	0.0247	0.0255	0.0265	0.0275	0.0285	0.0296
2012	0.0140	0.0143	0.0147	0.0151	0.0154	0.0158	0.0163	0.0167	0.0172	0.0177	0.0183	0.0189	0.0195	0.0202	0.0210	0.0218	0.0226	0.0235
2013	0.0315	0.0323	0.0331	0.0339	0.0348	0.0357	0.0366	0.0377	0.0388	0.0400	0.0412	0.0426	0.0440	0.0456	0.0472	0.0490	0.0509	0.0529
2014	0.0347	0.0355	0.0364	0.0373	0.0382	0.0392	0.0403	0.0415	0.0427	0.0440	0.0454	0.0468	0.0484	0.0501	0.0520	0.0539	0.0560	0.0582
2015	0.0229	0.0234	0.0240	0.0246	0.0252	0.0259	0.0266	0.0274	0.0282	0.0290	0.0299	0.0309	0.0320	0.0331	0.0343	0.0356	0.0370	0.0384
2016	0.0240	0.0245	0.0252	0.0258	0.0264	0.0271	0.0279	0.0287	0.0295	0.0304	0.0314	0.0324	0.0335	0.0347	0.0359	0.0373	0.0387	0.0402
2017	0.0278	0.0285	0.0292	0.0300	0.0307	0.0315	0.0324	0.0333	0.0343	0.0353	0.0364	0.0376	0.0389	0.0403	0.0417	0.0433	0.0450	0.0468
2018	0.0232	0.0238	0.0244	0.0250	0.0256	0.0263	0.0270	0.0278	0.0286	0.0294	0.0304	0.0314	0.0324	0.0336	0.0348	0.0361	0.0375	0.0390
2019	0.0230	0.0235	0.0241	0.0247	0.0253	0.0260	0.0267	0.0275	0.0283	0.0291	0.0301	0.0310	0.0321	0.0332	0.0344	0.0357	0.0371	0.0386
2020	0.0186	0.0190	0.0195	0.0200	0.0205	0.0210	0.0216	0.0222	0.0228	0.0235	0.0243	0.0251	0.0259	0.0268	0.0278	0.0289	0.0300	0.0312
2021	0.0190	0.0195	0.0200	0.0205	0.0210	0.0216	0.0222	0.0228	0.0235	0.0243	0.0251	0.0259	0.0268	0.0278	0.0289	0.0300	0.0312	0.0324

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x)	(a)																	
Year of Birth	Maturity (months) 651:663	Maturity (months) 663:675	Maturity (months) 675:687	Maturity (months) 687:699	Maturity (months) 699:711	Maturity (months) 711:723	Maturity (months) 723:735	Maturity (months) 735:747	Maturity (months) 747:759	Maturity (months) 759:771	Maturity (months) 771:783	Maturity (months) 783:795	Maturity (months) 795:807	Maturity (months) 807:819	Maturity (months) 819:831	Maturity (months) 831:843	Maturity (months) 843:855	Maturity (months) 855:867
1989	0.0214	0.0223	0.0232	0.0242	0.0253	0.0265	0.0277	0.0290	0.0304	0.0319	0.0336	0.0353	0.0372	0.0393	0.0414	0.0437	0.0461	0.0487
1990	0.0670	0.0697	0.0727	0.0758	0.0792	0.0828	0.0866	0.0907	0.0951	0.0999	0.1050	0.1105	0.1164	0.1228	0.1295	0.1366	0.1441	0.1523
1991	0.0300	0.0313	0.0326	0.0340	0.0355	0.0371	0.0388	0.0407	0.0426	0.0448	0.0471	0.0495	0.0522	0.0551	0.0581	0.0612	0.0646	0.0683
1992	0.0272	0.0283	0.0295	0.0307	0.0321	0.0336	0.0351	0.0368	0.0386	0.0405	0.0426	0.0448	0.0472	0.0498	0.0525	0.0554	0.0584	0.0617
1993	0.0299	0.0311	0.0324	0.0338	0.0353	0.0369	0.0386	0.0404	0.0424	0.0445	0.0468	0.0493	0.0519	0.0548	0.0578	0.0609	0.0643	0.0679
1994	0.0113	0.0118	0.0123	0.0128	0.0134	0.0140	0.0146	0.0153	0.0160	0.0169	0.0177	0.0186	0.0196	0.0207	0.0219	0.0230	0.0243	0.0257
1995	0.0241	0.0251	0.0262	0.0273	0.0285	0.0298	0.0312	0.0327	0.0343	0.0360	0.0378	0.0398	0.0420	0.0443	0.0467	0.0492	0.0519	0.0549
1996	0.0491	0.0512	0.0533	0.0556	0.0581	0.0607	0.0635	0.0665	0.0698	0.0733	0.0770	0.0811	0.0854	0.0901	0.0950	0.1002	0.1057	0.1117
1997	0.0222	0.0231	0.0241	0.0252	0.0263	0.0275	0.0287	0.0301	0.0316	0.0332	0.0349	0.0367	0.0387	0.0408	0.0430	0.0453	0.0478	0.0506
1998	0.0291	0.0303	0.0316	0.0329	0.0344	0.0360	0.0376	0.0394	0.0413	0.0434	0.0456	0.0480	0.0506	0.0534	0.0563	0.0593	0.0626	0.0662
1999	0.0502	0.0523	0.0545	0.0568	0.0594	0.0621	0.0649	0.0680	0.0713	0.0749	0.0787	0.0828	0.0873	0.0921	0.0971	0.1024	0.1081	0.1142
2000	0.0460	0.0479	0.0499	0.0521	0.0544	0.0569	0.0595	0.0623	0.0653	0.0686	0.0721	0.0759	0.0800	0.0844	0.0890	0.0938	0.0990	0.1046
2001	0.0297	0.0309	0.0322	0.0336	0.0351	0.0367	0.0384	0.0402	0.0421	0.0442	0.0465	0.0489	0.0516	0.0544	0.0574	0.0605	0.0638	0.0675
2002	0.0410	0.0427	0.0445	0.0464	0.0485	0.0507	0.0530	0.0555	0.0582	0.0611	0.0643	0.0676	0.0713	0.0752	0.0793	0.0836	0.0882	0.0932
2003	0.0710	0.0739	0.0770	0.0803	0.0839	0.0877	0.0918	0.0961	0.1008	0.1058	0.1113	0.1171	0.1234	0.1301	0.1373	0.1447	0.1527	0.1614
2004	0.0239	0.0249	0.0260	0.0271	0.0283	0.0296	0.0310	0.0324	0.0340	0.0357	0.0375	0.0395	0.0416	0.0439	0.0463	0.0488	0.0515	0.0544
2005	0.0398	0.0415	0.0432	0.0451	0.0471	0.0492	0.0515	0.0539	0.0566	0.0594	0.0624	0.0657	0.0693	0.0730	0.0770	0.0812	0.0857	0.0906
2006	0.0352	0.0367	0.0382	0.0399	0.0417	0.0435	0.0456	0.0477	0.0500	0.0525	0.0552	0.0581	0.0613	0.0646	0.0682	0.0719	0.0758	0.0801
2007	0.0622	0.0648	0.0675	0.0705	0.0736	0.0769	0.0805	0.0843	0.0884	0.0928	0.0976	0.1027	0.1082	0.1141	0.1204	0.1269	0.1339	0.1415
2008	0.0256	0.0266	0.0278	0.0290	0.0303	0.0316	0.0331	0.0347	0.0363	0.0382	0.0401	0.0422	0.0445	0.0469	0.0495	0.0522	0.0551	0.0582
2009	0.0286	0.0298	0.0311	0.0324	0.0339	0.0354	0.0370	0.0388	0.0407	0.0427	0.0449	0.0473	0.0498	0.0525	0.0554	0.0584	0.0616	0.0651
2010	0.0143	0.0149	0.0156	0.0162	0.0169	0.0177	0.0185	0.0194	0.0204	0.0214	0.0225	0.0237	0.0249	0.0263	0.0277	0.0292	0.0308	0.0326
2011	0.0308	0.0321	0.0334	0.0349	0.0364	0.0381	0.0399	0.0417	0.0438	0.0460	0.0483	0.0509	0.0536	0.0565	0.0596	0.0629	0.0663	0.0701
2012	0.0244	0.0254	0.0265	0.0277	0.0289	0.0302	0.0316	0.0331	0.0347	0.0364	0.0383	0.0403	0.0425	0.0448	0.0473	0.0498	0.0526	0.0556
2013	0.0550	0.0573	0.0597	0.0623	0.0650	0.0680	0.0711	0.0745	0.0781	0.0820	0.0862	0.0908	0.0957	0.1009	0.1064	0.1122	0.1184	0.1251
2014	0.0605	0.0630	0.0657	0.0685	0.0716	0.0748	0.0783	0.0820	0.0860	0.0903	0.0949	0.0999	0.1052	0.1110	0.1171	0.1235	0.1303	0.1376
2015	0.0400	0.0416	0.0434	0.0452	0.0472	0.0494	0.0517	0.0541	0.0568	0.0596	0.0626	0.0659	0.0695	0.0733	0.0773	0.0815	0.0860	0.0909
2016	0.0419	0.0436	0.0454	0.0474	0.0495	0.0517	0.0541	0.0567	0.0594	0.0624	0.0656	0.0690	0.0728	0.0767	0.0809	0.0853	0.0900	0.0952
2017	0.0486	0.0506	0.0528	0.0550	0.0575	0.0601	0.0629	0.0658	0.0690	0.0725	0.0762	0.0802	0.0845	0.0892	0.0940	0.0992	0.1046	0.1106
2018	0.0405	0.0422	0.0440	0.0459	0.0479	0.0501	0.0524	0.0549	0.0576	0.0604	0.0635	0.0669	0.0705	0.0743	0.0784	0.0827	0.0872	0.0922
2019	0.0401	0.0418	0.0435	0.0454	0.0474	0.0496	0.0519	0.0543	0.0570	0.0598	0.0629	0.0662	0.0698	0.0736	0.0776	0.0818	0.0863	0.0912
2020	0.0324	0.0337	0.0352	0.0367	0.0383	0.0400	0.0419	0.0439	0.0460	0.0483	0.0508	0.0535	0.0563	0.0594	0.0627	0.0661	0.0697	0.0737
2021	0.0337	0.0352	0.0367	0.0383	0.0400	0.0419	0.0439	0.0460	0.0483	0.0508	0.0535	0.0563	0.0594	0.0627	0.0661	0.0697	0.0737	0.0780

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 867:879	Maturity (months) 879:891	Maturity (months) 891:903	Maturity (months) 903:915	Maturity (months) 915:927	Maturity (months) 927:939	Maturity (months) 939:951	Maturity (months) 951:963	Maturity (months) 963:975	Maturity (months) 975:987	Maturity (months) 987:999	Maturity (months) 999:1011	Maturity (months) 1011:1023	Maturity (months) 1023:1035	Maturity (months) 1035:1047	Maturity (months) 1047:1059	Maturity (months) 1059:1071	Maturity (months) 1071:1083
1989	0.0515	0.0546	0.0580	0.0617	0.0657	0.0701	0.0748	0.0799	0.0855	0.0915	0.0981	0.1054	0.1133	0.1219	0.1312	0.1414	0.1525	0.1644
1990	0.1612	0.1709	0.1815	0.1930	0.2056	0.2193	0.2341	0.2500	0.2673	0.2862	0.3069	0.3296	0.3542	0.3811	0.4104	0.4423	0.4768	0.5143
1991	0.0723	0.0766	0.0814	0.0866	0.0922	0.0983	0.1050	0.1121	0.1199	0.1283	0.1376	0.1478	0.1588	0.1709	0.1840	0.1983	0.2138	0.2306
1992	0.0654	0.0693	0.0736	0.0783	0.0834	0.0889	0.0949	0.1014	0.1084	0.1161	0.1245	0.1336	0.1436	0.1545	0.1664	0.1793	0.1933	0.2085
1993	0.0719	0.0762	0.0810	0.0861	0.0917	0.0978	0.1044	0.1115	0.1192	0.1277	0.1369	0.1470	0.1580	0.1700	0.1831	0.1973	0.2127	0.2294
1994	0.0272	0.0288	0.0306	0.0326	0.0347	0.0370	0.0395	0.0422	0.0451	0.0483	0.0518	0.0556	0.0598	0.0643	0.0693	0.0746	0.0805	0.0868
1995	0.0581	0.0616	0.0654	0.0696	0.0741	0.0790	0.0844	0.0901	0.0963	0.1032	0.1106	0.1188	0.1277	0.1374	0.1479	0.1594	0.1718	0.1854
1996	0.1183	0.1254	0.1332	0.1416	0.1509	0.1609	0.1717	0.1834	0.1961	0.2100	0.2252	0.2418	0.2599	0.2796	0.3011	0.3245	0.3498	0.3773
1997	0.0535	0.0567	0.0603	0.0641	0.0683	0.0728	0.0777	0.0830	0.0888	0.0950	0.1019	0.1094	0.1176	0.1265	0.1363	0.1468	0.1583	0.1708
1998	0.0700	0.0743	0.0789	0.0839	0.0894	0.0953	0.1017	0.1087	0.1162	0.1244	0.1334	0.1432	0.1539	0.1656	0.1783	0.1922	0.2072	0.2235
1999	0.1209	0.1282	0.1361	0.1447	0.1542	0.1645	0.1755	0.1875	0.2005	0.2146	0.2302	0.2471	0.2656	0.2858	0.3078	0.3316	0.3576	0.3857
2000	0.1108	0.1174	0.1247	0.1326	0.1413	0.1507	0.1608	0.1718	0.1837	0.1967	0.2109	0.2264	0.2434	0.2619	0.2820	0.3039	0.3276	0.3534
2001	0.0714	0.0757	0.0804	0.0855	0.0911	0.0972	0.1037	0.1108	0.1184	0.1268	0.1360	0.1460	0.1569	0.1688	0.1818	0.1959	0.2112	0.2278
2002	0.0987	0.1046	0.1111	0.1182	0.1259	0.1343	0.1433	0.1531	0.1636	0.1752	0.1879	0.2017	0.2168	0.2333	0.2512	0.2707	0.2919	0.3148
2003	0.1708	0.1811	0.1924	0.2046	0.2179	0.2324	0.2481	0.2650	0.2833	0.3034	0.3253	0.3493	0.3754	0.4039	0.4350	0.4687	0.5054	0.5451
2004	0.0576	0.0611	0.0649	0.0690	0.0735	0.0784	0.0837	0.0894	0.0956	0.1023	0.1097	0.1178	0.1266	0.1363	0.1467	0.1581	0.1705	0.1839
2005	0.0959	0.1017	0.1080	0.1148	0.1223	0.1305	0.1393	0.1487	0.1590	0.1703	0.1826	0.1960	0.2107	0.2267	0.2441	0.2631	0.2836	0.3059
2006	0.0848	0.0899	0.0955	0.1016	0.1082	0.1154	0.1232	0.1316	0.1407	0.1506	0.1615	0.1734	0.1864	0.2006	0.2160	0.2327	0.2509	0.2707
2007	0.1498	0.1588	0.1687	0.1794	0.1911	0.2038	0.2176	0.2324	0.2484	0.2660	0.2852	0.3063	0.3292	0.3542	0.3814	0.4110	0.4431	0.4780
2008	0.0616	0.0653	0.0694	0.0738	0.0786	0.0838	0.0895	0.0956	0.1022	0.1094	0.1173	0.1259	0.1354	0.1457	0.1568	0.1690	0.1822	0.1966
2009	0.0690	0.0731	0.0776	0.0826	0.0880	0.0938	0.1001	0.1069	0.1143	0.1224	0.1313	0.1410	0.1515	0.1630	0.1756	0.1892	0.2040	0.2200
2010	0.0345	0.0366	0.0389	0.0413	0.0440	0.0470	0.0501	0.0535	0.0572	0.0613	0.0657	0.0706	0.0758	0.0816	0.0879	0.0947	0.1021	0.1101
2011	0.0742	0.0787	0.0836	0.0889	0.0947	0.1010	0.1078	0.1151	0.1231	0.1318	0.1413	0.1517	0.1631	0.1755	0.1889	0.2036	0.2195	0.2368
2012	0.0588	0.0624	0.0662	0.0704	0.0750	0.0800	0.0854	0.0912	0.0975	0.1044	0.1120	0.1202	0.1292	0.1391	0.1497	0.1614	0.1740	0.1876
2013	0.1324	0.1404	0.1491	0.1586	0.1689	0.1802	0.1923	0.2054	0.2196	0.2352	0.2522	0.2708	0.2910	0.3131	0.3372	0.3634	0.3918	0.4226
2014	0.1457	0.1545	0.1641	0.1745	0.1859	0.1982	0.2116	0.2260	0.2416	0.2587	0.2775	0.2979	0.3202	0.3445	0.3710	0.3998	0.4310	0.4649
2015	0.0962	0.1020	0.1083	0.1152	0.1227	0.1309	0.1397	0.1492	0.1595	0.1708	0.1832	0.1967	0.2114	0.2275	0.2449	0.2639	0.2846	0.3069
2016	0.1007	0.1068	0.1134	0.1206	0.1285	0.1371	0.1463	0.1562	0.1671	0.1789	0.1918	0.2059	0.2214	0.2382	0.2565	0.2764	0.2980	0.3214
2017	0.1170	0.1241	0.1318	0.1402	0.1493	0.1592	0.1700	0.1815	0.1941	0.2078	0.2229	0.2393	0.2572	0.2767	0.2980	0.3211	0.3462	0.3734
2018	0.0976	0.1035	0.1099	0.1168	0.1245	0.1327	0.1417	0.1513	0.1618	0.1732	0.1858	0.1995	0.2144	0.2307	0.2484	0.2677	0.2886	0.3113
2019	0.0966	0.1024	0.1087	0.1156	0.1232	0.1314	0.1402	0.1498	0.1601	0.1715	0.1839	0.1974	0.2122	0.2283	0.2459	0.2649	0.2857	0.3081
2020	0.0780	0.0827	0.0878	0.0934	0.0995	0.1061	0.1133	0.1210	0.1294	0.1385	0.1485	0.1595	0.1714	0.1844	0.1986	0.2140	0.2307	0.2489
2021	0.0827	0.0878	0.0934	0.0995	0.1061	0.1133	0.1210	0.1294	0.1385	0.1485	0.1595	0.1714	0.1844	0.1986	0.2140	0.2307	0.2489	0.2685

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 1083:1095	Maturity (months) 1095:1107	Maturity (months) 1107:1119	Maturity (months) 1119:1131	Maturity (months) 1131:1143	Maturity (months) 1143:1155	Maturity (months) 1155:1167	Maturity (months) 1167:1179	Maturity (months) 1179:1191	Maturity (months) 1191:1203	Maturity (months) 1203:1215	Maturity (months) 1215:1227	Maturity (months) 1227:1239	Maturity (months) 1239:1251	Maturity (months) 1251:1263	Maturity (months) 1263:1275	Maturity (months) 1275:1287	Maturity (months) 1287:1299
1989	0.1774	0.1914	0.2065	0.2227	0.2401	0.2585	0.2778	0.2978	0.3186	0.3401	0.3627	0.3759	0.3759	0.3759	0.3759	0.3759	0.3759	0.3759
1990	0.5549	0.5987	0.6459	0.6966	0.7509	0.8086	0.8688	0.9315	0.9964	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1991	0.2488	0.2685	0.2896	0.3124	0.3367	0.3626	0.3896	0.4177	0.4468	0.4770	0.5086	0.5272	0.5272	0.5272	0.5272	0.5272	0.5272	0.5272
1992	0.2250	0.2427	0.2619	0.2824	0.3044	0.3278	0.3523	0.3777	0.4040	0.4313	0.4599	0.4767	0.4767	0.4767	0.4767	0.4767	0.4767	0.4767
1993	0.2475	0.2670	0.2881	0.3107	0.3349	0.3606	0.3875	0.4154	0.4444	0.4745	0.5059	0.5244	0.5244	0.5244	0.5244	0.5244	0.5244	0.5244
1994	0.0936	0.1010	0.1090	0.1176	0.1267	0.1365	0.1466	0.1572	0.1682	0.1795	0.1914	0.1984	0.1984	0.1984	0.1984	0.1984	0.1984	0.1984
1995	0.2000	0.2158	0.2328	0.2510	0.2706	0.2914	0.3131	0.3357	0.3591	0.3834	0.4088	0.4237	0.4237	0.4237	0.4237	0.4237	0.4237	0.4237
1996	0.4071	0.4392	0.4739	0.5111	0.5509	0.5932	0.6374	0.6834	0.7310	0.7805	0.8322	0.8626	0.8626	0.8626	0.8626	0.8626	0.8626	0.8626
1997	0.1842	0.1988	0.2145	0.2313	0.2493	0.2685	0.2885	0.3093	0.3308	0.3532	0.3766	0.3904	0.3904	0.3904	0.3904	0.3904	0.3904	0.3904
1998	0.2411	0.2602	0.2807	0.3027	0.3263	0.3514	0.3775	0.4048	0.4330	0.4623	0.4929	0.5110	0.5110	0.5110	0.5110	0.5110	0.5110	0.5110
1999	0.4161	0.4489	0.4843	0.5224	0.5630	0.6063	0.6515	0.6985	0.7472	0.7977	0.8506	0.8817	0.8817	0.8817	0.8817	0.8817	0.8817	0.8817
2000	0.3813	0.4114	0.4438	0.4786	0.5159	0.5556	0.5970	0.6400	0.6846	0.7309	0.7794	0.8079	0.8079	0.8079	0.8079	0.8079	0.8079	0.8079
2001	0.2458	0.2652	0.2861	0.3086	0.3326	0.3582	0.3849	0.4126	0.4414	0.4713	0.5025	0.5209	0.5209	0.5209	0.5209	0.5209	0.5209	0.5209
2002	0.3397	0.3665	0.3954	0.4264	0.4596	0.4950	0.5318	0.5702	0.6099	0.6512	0.6944	0.7198	0.7198	0.7198	0.7198	0.7198	0.7198	0.7198
2003	0.5881	0.6345	0.6845	0.7383	0.7958	0.8570	0.9208	0.9872	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2004	0.1984	0.2140	0.2309	0.2491	0.2684	0.2891	0.3106	0.3330	0.3562	0.3803	0.4056	0.4204	0.4204	0.4204	0.4204	0.4204	0.4204	0.4204
2005	0.3301	0.3561	0.3842	0.4144	0.4466	0.4810	0.5168	0.5541	0.5927	0.6328	0.6747	0.6994	0.6994	0.6994	0.6994	0.6994	0.6994	0.6994
2006	0.2920	0.3151	0.3399	0.3666	0.3951	0.4255	0.4572	0.4902	0.5243	0.5598	0.5969	0.6188	0.6188	0.6188	0.6188	0.6188	0.6188	0.6188
2007	0.5157	0.5564	0.6002	0.6474	0.6978	0.7514	0.8074	0.8656	0.9260	0.9886	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2008	0.2121	0.2288	0.2468	0.2662	0.2869	0.3090	0.3320	0.3560	0.3808	0.4065	0.4335	0.4494	0.4494	0.4494	0.4494	0.4494	0.4494	0.4494
2009	0.2374	0.2561	0.2763	0.2980	0.3212	0.3459	0.3716	0.3984	0.4262	0.4550	0.4852	0.5029	0.5029	0.5029	0.5029	0.5029	0.5029	0.5029
2010	0.1188	0.1282	0.1383	0.1491	0.1607	0.1731	0.1860	0.1994	0.2133	0.2278	0.2429	0.2517	0.2517	0.2517	0.2517	0.2517	0.2517	0.2517
2011	0.2554	0.2756	0.2973	0.3207	0.3457	0.3722	0.4000	0.4288	0.4587	0.4897	0.5222	0.5413	0.5413	0.5413	0.5413	0.5413	0.5413	0.5413
2012	0.2024	0.2184	0.2357	0.2541	0.2739	0.2950	0.3170	0.3398	0.3635	0.3881	0.4139	0.4290	0.4290	0.4290	0.4290	0.4290	0.4290	0.4290
2013	0.4559	0.4919	0.5307	0.5723	0.6169	0.6643	0.7138	0.7653	0.8186	0.8740	0.9320	0.9661	0.9661	0.9661	0.9661	0.9661	0.9661	0.9661
2014	0.5016	0.5412	0.5838	0.6297	0.6787	0.7309	0.7853	0.8420	0.9007	0.9616	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2015	0.3312	0.3573	0.3855	0.4157	0.4481	0.4826	0.5185	0.5559	0.5946	0.6349	0.6770	0.7017	0.7017	0.7017	0.7017	0.7017	0.7017	0.7017
2016	0.3468	0.3741	0.4036	0.4353	0.4692	0.5053	0.5429	0.5821	0.6226	0.6648	0.7088	0.7348	0.7348	0.7348	0.7348	0.7348	0.7348	0.7348
2017	0.4029	0.4347	0.4690	0.5058	0.5452	0.5871	0.6308	0.6763	0.7235	0.7724	0.8236	0.8537	0.8537	0.8537	0.8537	0.8537	0.8537	0.8537
2018	0.3359	0.3624	0.3910	0.4216	0.4545	0.4894	0.5259	0.5638	0.6031	0.6439	0.6866	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117
2019	0.3324	0.3587	0.3869	0.4173	0.4498	0.4844	0.5205	0.5580	0.5969	0.6373	0.6796	0.7044	0.7044	0.7044	0.7044	0.7044	0.7044	0.7044
2020	0.2685	0.2897	0.3125	0.3371	0.3633	0.3913	0.4204	0.4507	0.4821	0.5148	0.5489	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690
2021	0.2897	0.3125	0.3371	0.3633	0.3913	0.4204	0.4507	0.4821	0.5148	0.5489	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 1299:1311	Maturity (months) 1311:1323	Maturity (months) 1323:1335	Maturity (months) 1335:1347	Maturity (months) 1347:1359	Maturity (months) 1359:1371	Maturity (months) 1371:1383	Maturity (months) 1383:1395	Maturity (months) 1395:1407	Maturity (months) 1407:1419	Maturity (months) 1419:1431	Maturity (months) 1431:1443	Maturity (months) 1443:1455	Maturity (months) 1455:1467	Maturity (months) 1467:1479
1989	0.3759	0.3759	0.3759	0.3759	0.3759	0.3759	0.3759	0.3759	0.3759	0.3759	0.3759	0.3759	0.3759	0.3759	0.3797
1990	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1991	0.5272	0.5272	0.5272	0.5272	0.5272	0.5272	0.5272	0.5272	0.5272	0.5272	0.5272	0.5272	0.5272	0.5272	0.5326
1992	0.4767	0.4767	0.4767	0.4767	0.4767	0.4767	0.4767	0.4767	0.4767	0.4767	0.4767	0.4767	0.4767	0.4767	0.4816
1993	0.5244	0.5244	0.5244	0.5244	0.5244	0.5244	0.5244	0.5244	0.5244	0.5244	0.5244	0.5244	0.5244	0.5244	0.5297
1994	0.1984	0.1984	0.1984	0.1984	0.1984	0.1984	0.1984	0.1984	0.1984	0.1984	0.1984	0.1984	0.1984	0.1984	0.2004
1995	0.4237	0.4237	0.4237	0.4237	0.4237	0.4237	0.4237	0.4237	0.4237	0.4237	0.4237	0.4237	0.4237	0.4237	0.4280
1996	0.8626	0.8626	0.8626	0.8626	0.8626	0.8626	0.8626	0.8626	0.8626	0.8626	0.8626	0.8626	0.8626	0.8626	0.8714
1997	0.3904	0.3904	0.3904	0.3904	0.3904	0.3904	0.3904	0.3904	0.3904	0.3904	0.3904	0.3904	0.3904	0.3904	0.3943
1998	0.5110	0.5110	0.5110	0.5110	0.5110	0.5110	0.5110	0.5110	0.5110	0.5110	0.5110	0.5110	0.5110	0.5110	0.5161
1999	0.8817	0.8817	0.8817	0.8817	0.8817	0.8817	0.8817	0.8817	0.8817	0.8817	0.8817	0.8817	0.8817	0.8817	0.8906
2000	0.8079	0.8079	0.8079	0.8079	0.8079	0.8079	0.8079	0.8079	0.8079	0.8079	0.8079	0.8079	0.8079	0.8079	0.8161
2001	0.5209	0.5209	0.5209	0.5209	0.5209	0.5209	0.5209	0.5209	0.5209	0.5209	0.5209	0.5209	0.5209	0.5209	0.5261
2002	0.7198	0.7198	0.7198	0.7198	0.7198	0.7198	0.7198	0.7198	0.7198	0.7198	0.7198	0.7198	0.7198	0.7198	0.7270
2003	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2004	0.4204	0.4204	0.4204	0.4204	0.4204	0.4204	0.4204	0.4204	0.4204	0.4204	0.4204	0.4204	0.4204	0.4204	0.4246
2005	0.6994	0.6994	0.6994	0.6994	0.6994	0.6994	0.6994	0.6994	0.6994	0.6994	0.6994	0.6994	0.6994	0.6994	0.7065
2006	0.6188	0.6188	0.6188	0.6188	0.6188	0.6188	0.6188	0.6188	0.6188	0.6188	0.6188	0.6188	0.6188	0.6188	0.6250
2007	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2008	0.4494	0.4494	0.4494	0.4494	0.4494	0.4494	0.4494	0.4494	0.4494	0.4494	0.4494	0.4494	0.4494	0.4494	0.4539
2009	0.5029	0.5029	0.5029	0.5029	0.5029	0.5029	0.5029	0.5029	0.5029	0.5029	0.5029	0.5029	0.5029	0.5029	0.5080
2010	0.2517	0.2517	0.2517	0.2517	0.2517	0.2517	0.2517	0.2517	0.2517	0.2517	0.2517	0.2517	0.2517	0.2517	0.2543
2011	0.5413	0.5413	0.5413	0.5413	0.5413	0.5413	0.5413	0.5413	0.5413	0.5413	0.5413	0.5413	0.5413	0.5413	0.5468
2012	0.4290	0.4290	0.4290	0.4290	0.4290	0.4290	0.4290	0.4290	0.4290	0.4290	0.4290	0.4290	0.4290	0.4290	0.4333
2013	0.9661	0.9661	0.9661	0.9661	0.9661	0.9661	0.9661	0.9661	0.9661	0.9661	0.9661	0.9661	0.9661	0.9661	0.9758
2014	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2015	0.7017	0.7017	0.7017	0.7017	0.7017	0.7017	0.7017	0.7017	0.7017	0.7017	0.7017	0.7017	0.7017	0.7017	0.7088
2016	0.7348	0.7348	0.7348	0.7348	0.7348	0.7348	0.7348	0.7348	0.7348	0.7348	0.7348	0.7348	0.7348	0.7348	0.7422
2017	0.8537	0.8537	0.8537	0.8537	0.8537	0.8537	0.8537	0.8537	0.8537	0.8537	0.8537	0.8537	0.8537	0.8537	0.8624
2018	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7189
2019	0.7044	0.7044	0.7044	0.7044	0.7044	0.7044	0.7044	0.7044	0.7044	0.7044	0.7044	0.7044	0.7044	0.7044	0.7115
2020	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5747
2021	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5747	1.0000

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Development of Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2021 Cost Level (a)

Year of Birth	3	15	27	39	51	63	75	87	99	111
1989				264,529	150,687	164,966	82,236	63,897	75,628	104,216
1990			187,342	119,823	11,728	62,683	39,128	30,213	16,759	22,017
1991		3,125	321,239	18,495	144,226	110,369	46,723	31,737	16,390	12,635
1992		8,526	86,879	79,461	104,375	48,038	38,761	30,687	28,406	23,241
1993		1,269	63,693	94,076	75,798	111,336	93,266	100,881	95,591	97,737
1994		140,767	390,506	137,338	113,802	60,635	148,426	56,765	88,258	63,446
1995			60,610	144,534	95,451	17,491	22,915	39,233	24,299	52,347
1996		3,036	295,082	77,203	148,510	63,926	152,546	99,037	59,849	68,388
1997		17,344	112,314	65,017	56,101	70,628	100,635	58,423	45,013	46,770
1998		11,580	142,691	118,311	86,359	60,398	46,656	142,060	63,244	76,967
1999		235,839	208,631	139,115	108,787	99,345	75,544	61,991	116,536	165,157
2000		219,560	167,116	140,685	123,972	73,133	51,589	34,943	43,245	38,681
2001			503,358	420,388	288,177	129,744	271,602	145,169	88,129	67,026
2002		80,160	144,885	83,889	68,097	81,483	52,425	108,764	70,213	70,897
2003				66,298	47,201	130,830	219,347	66,000	63,235	100,294
2004			228,447	259,432	145,090	68,981	103,858	85,971	81,161	41,442
2005		30	5,888	135,455	95,146	63,298	127,935	78,966	71,664	64,427
2006		2,368	117,325	62,688	116,427	79,940	192,276	86,765	73,861	63,364
2007			182,350	134,259	164,333	112,660	138,383	120,791	113,926	119,451
2008		6,347	83,987	84,116	78,892	44,005	40,048	60,735	66,678	73,230
2009		362,585	72,301	137,861	109,329	56,006	57,989	81,585	140,089	58,656
2010		127,254	330,002	31,855	110,802	40,598	27,912	51,286	37,650	36,084
2011		9,368	35,145	116,466	48,333	82,327	71,206	66,799	62,856	49,956
2012		11,693	83,830	110,936	104,460	60,485	40,005	62,261	52,338	56,958
2013		69,323	162,348	178,408	102,607	90,210	93,012	105,715	88,465	
2014		57,343	103,473	99,812	141,936	109,766	88,064	92,415		
2015		625	177,796	115,274	134,463	55,962	71,401			
2016			72,413	26,259	47,601	39,353				
2017		173,087	67,294	46,055	59,484					
2018		38,998	117,037	92,623						
2019		5,173	206,180							
2020		8,525								
2021										
Averages:										
Latest 3		20,579	131,073	67,360	85,053	72,212	81,118	87,285	67,257	49,031
Latest 5		73,136	131,810	82,783	100,774	73,257	73,058	77,157	82,136	57,085
Latest 10	61	54,239	128,179	97,007	93,671	70,601	83,527	81,149	81,122	65,925
1993 & Subs.	61	89,060	135,327	106,683	98,489	74,429	90,463	85,326	75,679	71,668
All	61	83,691	136,485	110,268	98,798	76,810	85,015	78,431	69,405	67,016
Cumulative	87,196	87,221	87,269	85,343	83,607	82,395	82,874	82,673	83,076	84,414
Selected		89,060	135,327	106,683	98,489	74,429	90,463	85,326	78,401	68,797

Note (a): Ratio of 2021 level incremental payments (shown in Appendix E, Exhibit IV, Sheets 3a, 3b, 3c, and 3d) and accepted reported claim counts (AAA only as shown in Appendix E, Exhibit IV, Sheets 2a, 2b, 2c, and 2d).

Development of Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2021 Cost Level (a)

Year of Birth	123	135	147	159	171	183	195	207	219	231
1989	58,285	70,628	297,706	52,811	113,307	85,818	98,137	106,021	92,174	79,482
1990	13,905	13,772	19,578	26,850	46,257	51,029	64,893	71,170	39,023	32,089
1991	36,669	32,963	45,575	39,410	37,692	45,127	44,446	92,209	157,276	137,525
1992	27,629	31,456	43,029	39,200	37,323	38,998	44,921	50,092	59,648	82,769
1993	101,055	88,232	78,811	100,274	105,204	88,558	98,320	89,970	105,654	96,246
1994	18,743	75,605	165,119	20,930	23,580	48,115	40,137	46,153	37,594	37,222
1995	58,414	180,635	67,299	91,098	101,999	26,775	287,307	68,658	75,423	129,003
1996	71,403	58,758	70,416	61,256	68,331	80,247	80,816	56,095	67,379	67,012
1997	32,167	55,825	74,178	83,384	72,530	73,944	114,875	78,491	69,028	75,434
1998	58,029	79,781	81,879	92,807	92,625	89,571	119,397	109,348	108,714	113,121
1999	111,673	96,987	120,110	128,527	94,234	136,924	169,951	127,940	124,345	132,127
2000	34,273	66,713	52,144	50,186	67,110	65,252	55,576	63,530	62,566	70,953
2001	82,377	86,689	96,711	123,144	117,197	138,241	114,247	110,647	128,459	112,179
2002	62,085	75,290	93,519	78,624	83,242	84,943	78,381	80,241	81,907	99,020
2003	98,827	90,183	141,540	153,862	130,784	126,193	102,468	102,326	123,472	
2004	69,676	70,734	66,427	60,214	62,760	76,747	79,641	73,992		
2005	69,023	66,930	66,218	74,086	75,975	93,387	113,510			
2006	63,751	73,635	84,672	73,033	89,175	83,561				
2007	115,152	127,041	122,658	139,944	119,820					
2008	88,109	66,203	66,388	82,917						
2009	65,919	71,749	97,419							
2010	37,041	39,422								
2011	55,201									
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
Averages:										
Latest 3	55,856	62,934	93,473	95,327	94,484	85,214	100,012	81,908	97,452	95,034
Latest 5	74,062	76,489	87,044	86,563	92,880	88,441	93,004	82,677	95,146	103,907
Latest 10	70,822	76,065	87,253	91,012	90,638	91,341	101,255	86,339	86,684	94,323
1993 & Subs.	68,848	79,895	87,770	87,532	87,217	85,223	109,047	84,629	88,792	94,323
All	62,841	72,236	88,553	78,107	80,426	78,182	97,964	81,902	86,978	91,498
Cumulative	86,194	88,710	90,548	90,785	92,356	93,898	96,012	95,742	97,751	99,433
Selected	69,835	77,980	87,511	89,272	88,927	88,282	105,151	85,484	87,738	94,323

Note (a): Ratio of 2021 level incremental payments (shown in Appendix E, Exhibit IV, Sheets 3a, 3b, 3c, and 3d) and accepted reported claim counts (AAA only as shown in Appendix E, Exhibit IV, Sheets 2a, 2b, 2c, and 2d).

Development of Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2021 Cost Level (a)

Year of Birth	243	255	267	279	291	303	315	327	339	351
1989	48,444	61,130	58,768	95,363	88,922	121,298	114,498	131,410	140,261	82,090
1990	29,276	38,201	31,859	38,841	63,193	106,797	69,059	64,409	65,560	88,076
1991	138,825	108,349	248,733	125,606	143,444	128,608	127,980	149,857	143,407	131,091
1992	74,302	63,389	101,326	103,049	95,458	94,782	103,659	101,213	95,776	102,214
1993	109,133	133,750	124,756	110,488	111,302	103,888	124,511	121,637	138,573	
1994	59,238	68,666	64,314	63,917	71,100	61,737	81,811	82,351		
1995	133,938	127,137	150,937	119,894	108,192	135,031	129,575			
1996	67,740	73,875	78,060	80,086	77,730	98,063				
1997	74,034	65,499	72,895	82,038	93,580					
1998	118,208	124,945	116,860	127,384						
1999	128,412	97,950	138,919							
2000	83,119	78,287								
2001	122,393									
2002										
2003										
2004										
2005										
2006										
2007										
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
Averages:										
Latest 3	109,753	110,077	103,881	101,522	92,420	100,699	118,087	106,553	121,152	106,782
Latest 5	103,328	92,145	106,316	99,800	94,542	99,832	114,974	108,286	117,926	
Latest 10	96,044	95,692	109,645	99,049						
1993 & Subs.	99,736	100,592	105,861	101,835						
All	91,591	90,019	105,849	99,049	95,492	105,362	111,187	111,899	117,926	101,844
Cumulative	100,828	102,413	104,817	104,586	106,094	109,182	110,399	110,111	109,282	103,378
Selected	97,890	98,142	107,753	102,000	103,530	105,083	106,659	108,259	109,883	111,531

Note (a): Ratio of 2021 level incremental payments (shown in Appendix E, Exhibit IV, Sheets 3a, 3b, 3c, and 3d) and accepted reported claim counts (AAA only as shown in Appendix E, Exhibit IV, Sheets 2a, 2b, 2c, and 2d).

Development of Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2021 Cost Level (a)

Year of Birth	363	375	387
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1989	93,803	96,977	143,125
1990	67,064	78,960	
1991	142,768		
1992			
1993			
1994			
1995			
1996			
1997			
1998			
1999			
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007			
2008			
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2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018			
2019			
2020			
2021			
Averages:			
Latest 3	104,316		
Latest 5			
Latest 10			
1993 & Subs.			
All	104,316	89,256	143,125
Cumulative	104,840	105,416	143,125
Selected	113,204	114,902	116,626

Note (a): Ratio of 2021 level incremental payments (shown in Appendix E, Exhibit IV, Sheets 3a, 3b, 3c, and 3d) and accepted reported claim counts (AAA only as shown in Appendix E, Exhibit IV, Sheets 2a, 2b, 2c, and 2d).

Accepted Reported Claim Counts - (Open Accepted Claims AAA Only)

Year of Birth	3	15	27	39	51	63	75	87	99	111
1989				8	8	9	8	8	8	8
1990			3	7	7	7	7	7	7	7
1991		1	1	3	4	4	4	4	4	4
1992	-	2	4	12	13	13	12	12	12	11
1993	-	2	5	11	12	11	11	11	11	11
1994	-	2	2	5	6	6	7	7	5	4
1995	-	-	3	6	6	6	6	5	5	5
1996	-	2	3	4	5	6	6	6	6	6
1997	-	1	7	8	7	8	9	9	9	9
1998	-	4	7	9	12	11	12	12	12	12
1999	-	3	3	3	7	8	8	8	7	7
2000	-	2	4	5	5	5	5	5	5	5
2001	-	-	1	2	2	4	4	4	4	4
2002	-	2	5	11	13	13	15	15	15	15
2003	-	-	-	2	3	3	3	3	3	3
2004	-	-	2	3	4	5	5	5	5	5
2005	-	1	5	7	10	10	10	10	9	8
2006	-	1	3	7	9	10	10	10	10	10
2007	-	-	3	7	7	8	8	8	8	8
2008	-	1	5	8	9	9	10	10	10	10
2009	-	1	6	8	9	10	10	10	10	10
2010	-	1	3	6	6	6	6	5	5	5
2011	-	2	6	9	11	10	10	10	10	10
2012	-	2	3	7	7	7	7	7	7	7
2013	1	2	5	6	7	7	7	7	7	
2014	-	3	8	10	10	10	9	9		
2015	-	1	3	9	10	13	15			
2016	-	-	2	3	5	5				
2017	-	1	7	12	12					
2018	-	4	11	15						
2019	-	4	8							
2020	-	1								
2021	-									
Totals:										
Latest 3	-	9	26	30	27	28	31	23	24	22
Latest 5	-	10	31	49	44	42	48	38	39	42
Latest 10	1	20	56	85	86	85	92	86	81	76
1993 & Subs.	1	43	120	183	194	191	193	176	163	154
All	1	46	128	213	226	224	224	207	194	184
Cumulative	3,446	3,445	3,399	3,271	3,058	2,832	2,608	2,384	2,177	1,983

Accepted Reported Claim Counts - (Open Accepted Claims AAA Only)

Year of Birth	123	135	147	159	171	183	195	207	219	231
1989	8	7	6	6	5	5	5	5	5	5
1990	7	7	7	7	7	7	6	5	4	4
1991	4	4	4	4	4	4	4	4	4	4
1992	11	11	11	11	11	10	10	10	9	9
1993	11	11	11	11	10	9	8	8	8	8
1994	4	4	4	4	4	4	4	4	4	4
1995	5	5	5	5	5	5	5	5	5	5
1996	6	6	6	6	6	6	6	6	6	6
1997	9	9	9	9	9	9	9	8	8	8
1998	12	12	12	12	12	12	12	12	12	12
1999	7	7	7	6	6	5	4	4	4	3
2000	5	5	5	5	5	5	5	5	5	5
2001	4	4	4	4	4	4	4	4	4	4
2002	15	15	14	14	14	13	13	13	13	13
2003	3	3	3	3	3	3	3	3	3	
2004	5	5	5	5	5	5	5	5		
2005	7	7	7	7	7	7	7			
2006	10	10	9	9	9	9				
2007	8	7	7	7	7					
2008	9	9	9	9						
2009	10	10	10							
2010	5	5								
2011	10									
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
Totals:										
Latest 3	25	24	26	25	23	21	15	21	20	22
Latest 5	42	41	42	37	31	37	32	30	29	37
Latest 10	82	75	73	69	72	72	68	65	64	68
1993 & Subs.	145	134	127	116	106	96	85	77	72	68
All	175	163	155	144	133	122	110	101	94	90
Cumulative	1,799	1,624	1,461	1,306	1,162	1,029	907	797	696	602

Accepted Reported Claim Counts - (Open Accepted Claims AAA Only)

Year of Birth	243	255	267	279	291	303	315	327	339	351
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1989	5	5	5	5	5	5	5	5	4	4
1990	4	4	4	4	4	3	3	3	3	3
1991	4	4	4	4	4	4	4	4	4	4
1992	9	9	9	9	9	9	9	9	9	9
1993	8	8	8	8	8	8	8	8	8	
1994	4	4	4	4	4	4	3	3		
1995	5	5	5	5	5	5	5			
1996	6	6	6	6	6	6				
1997	8	8	8	8	8					
1998	11	11	11	11						
1999	3	3	3							
2000	4	4								
2001	4									
2002										
2003										
2004										
2005										
2006										
2007										
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
Totals:										
Latest 3	11	18	22	25	19	15	16	20	21	16
Latest 5	30	32	33	34	31	32	29	27	28	
Latest 10	62	62	62	64						
1993 & Subs.	53	49	45	42						
All	75	71	67	64	53	44	37	32	28	20
Cumulative	512	437	366	299	235	182	138	101	69	41

Accepted Reported Claim Counts - (Open Accepted Claims AAA Only)

Year of Birth	363	375	387
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1989	4	4	3
1990	3	3	
1991	4		
1992			
1993			
1994			
1995			
1996			
1997			
1998			
1999			
2000			
2001			
2002			
2003			
2004			
2005			
2006			
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2008			
2009			
2010			
2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018			
2019			
2020			
2021			
Totals:			
Latest 3	11		
Latest 5			
Latest 10			
1993 & Subs.			
All	11	7	3
Cumulative	21	10	3

Incremental Payments - 2021 Level (a)

Year of Birth	3	15	27	39	51	63	75	87	99	111
1989				2,116,235	1,205,494	1,484,690	657,891	511,173	605,026	833,729
1990			562,025	838,759	82,096	438,778	273,898	211,488	117,310	154,122
1991		3,125	321,239	55,485	576,903	441,474	186,892	126,949	65,559	50,539
1992	0	17,053	347,516	953,532	1,356,878	624,498	465,134	368,242	340,876	255,651
1993	0	2,537	318,463	1,034,840	909,577	1,224,700	1,025,921	1,109,687	1,051,506	1,075,108
1994	0	281,535	781,012	686,690	682,810	363,810	1,038,983	397,356	441,288	253,785
1995	0	3,588	181,829	867,204	572,706	104,948	137,490	196,166	121,496	261,734
1996	0	6,073	885,245	308,813	742,549	383,553	915,277	594,225	359,094	410,328
1997	0	17,344	786,196	520,136	392,704	565,020	905,711	525,807	405,114	420,927
1998	0	46,320	998,840	1,064,803	1,036,309	664,373	559,878	1,704,723	758,923	923,606
1999	0	707,517	625,894	417,344	761,512	794,760	604,349	495,930	815,752	1,156,101
2000	0	439,119	668,464	703,423	619,858	365,667	257,944	174,717	216,224	193,404
2001	0	156,667	503,358	840,776	576,354	518,978	1,086,406	580,677	352,515	268,103
2002	0	160,320	724,425	922,777	885,260	1,059,282	786,371	1,631,466	1,053,191	1,063,462
2003	0	279,719	348,418	132,595	141,603	392,490	658,040	197,999	189,706	300,882
2004	0	4,849	456,894	778,297	580,361	344,907	519,290	429,857	405,807	207,212
2005	0	30	29,439	948,186	951,460	632,976	1,279,346	789,655	644,978	515,413
2006	0	2,368	351,974	438,813	1,047,841	799,403	1,922,759	867,647	738,614	633,644
2007	0	140,631	547,051	939,811	1,150,329	901,280	1,107,062	966,325	911,406	955,611
2008	0	6,347	419,935	672,929	710,028	396,048	400,485	607,351	666,782	732,304
2009	0	362,585	433,808	1,102,887	983,957	560,064	579,894	815,852	1,400,893	586,563
2010	0	127,254	990,006	191,131	664,810	243,590	167,475	256,428	188,252	180,418
2011	0	18,737	210,872	1,048,195	531,661	823,274	712,061	667,988	628,556	499,562
2012	61	23,385	251,490	776,551	731,219	423,397	280,033	435,826	366,364	398,704
2013	0	138,646	811,739	1,070,451	718,250	631,472	651,084	740,005	619,254	
2014	0	172,030	827,782	998,120	1,419,360	1,097,665	792,578	831,732		
2015	0	625	533,389	1,037,469	1,344,631	727,500	1,071,011			
2016	0	373,065	144,826	78,776	238,003	196,767				
2017	0	173,087	471,058	552,661	713,808					
2018	0	155,992	1,287,403	1,389,349						
2019	0	20,691	1,649,438							
2020	0	8,525								
2021	0									
Totals:										
Latest 3	0	185,208	3,407,899	2,020,787	2,296,442	2,021,932	2,514,673	2,007,563	1,614,174	1,078,683
Latest 5	0	731,360	4,086,114	4,056,377	4,434,053	3,076,801	3,506,766	2,931,979	3,203,319	2,397,549
Latest 10	61	1,084,783	7,178,004	8,245,591	8,055,728	6,001,056	7,684,441	6,978,809	6,570,907	5,010,311
1993 & Subs.	61	3,829,586	16,239,249	19,523,029	19,106,960	14,215,924	17,459,448	15,017,416	12,335,716	11,036,869
All	61	3,849,764	17,470,029	23,487,041	22,328,331	17,205,364	19,043,263	16,235,268	13,464,486	12,330,910
Cumulative	300,476,635	300,476,574	296,626,811	279,156,781	255,669,741	233,341,409	216,136,045	197,092,782	180,857,514	167,393,028

Notes: (a) The product of actual incremental payments (shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d) and adjustment factors to 2021 level (shown in Appendix E, Exhibit IV, Sheets 4a, 4b, 4c, and 4d).

Incremental Payments - 2021 Level (a)

Year of Birth	123	135	147	159	171	183	195	207	219	231
1989	466,276	494,393	1,786,233	316,867	566,535	429,090	490,684	530,105	460,870	397,408
1990	97,335	96,402	137,043	187,948	323,797	357,203	389,355	355,850	156,090	128,356
1991	146,678	131,851	182,300	157,639	150,768	180,506	177,785	368,836	629,104	550,098
1992	303,915	346,021	473,324	431,204	410,551	389,982	449,206	500,917	536,834	744,919
1993	1,111,600	970,551	866,923	1,103,016	1,052,041	797,020	786,556	719,763	845,234	769,966
1994	74,972	302,419	660,474	83,722	94,322	192,459	160,550	184,613	150,376	148,890
1995	292,069	903,177	336,495	455,491	509,993	133,875	1,436,536	343,291	377,114	645,016
1996	428,417	352,550	422,493	367,533	409,984	481,483	484,895	336,573	404,274	402,072
1997	289,500	502,421	667,603	750,453	652,772	665,493	1,033,873	627,926	552,223	603,476
1998	696,352	957,376	982,544	1,113,678	1,111,495	1,074,857	1,432,767	1,312,177	1,304,567	1,357,456
1999	781,709	678,907	840,772	771,162	565,401	684,620	679,803	511,760	497,378	396,382
2000	171,366	333,567	260,718	250,930	335,551	326,260	277,879	317,651	312,832	354,766
2001	329,510	346,754	386,845	492,575	468,787	552,965	456,990	442,586	513,837	448,716
2002	931,270	1,129,343	1,309,268	1,100,731	1,165,385	1,104,261	1,018,955	1,043,133	1,064,786	1,287,255
2003	296,481	270,550	424,621	461,587	392,351	378,578	307,404	306,978	370,415	
2004	348,381	353,670	332,136	301,072	313,802	383,735	398,207	369,960		
2005	483,161	468,513	463,527	518,603	531,822	653,709	794,570			
2006	637,507	736,352	762,046	657,296	802,574	752,048				
2007	921,217	889,290	858,606	979,611	838,743					
2008	792,982	595,826	597,493	746,256						
2009	659,187	717,489	974,187							
2010	185,203	197,109								
2011	552,008									
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2019										
2020										
2021										
Totals:										
Latest 3	1,396,398	1,510,424	2,430,286	2,383,163	2,173,140	1,789,492	1,500,181	1,720,070	1,949,038	2,090,738
Latest 5	3,110,597	3,136,066	3,655,859	3,202,837	2,879,294	3,272,331	2,976,125	2,480,308	2,759,248	3,844,576
Latest 10	5,807,398	5,704,896	6,369,447	6,279,823	6,525,912	6,576,526	6,885,342	5,612,034	5,547,802	6,413,996
1993 & Subs.	9,982,894	10,705,863	11,146,751	10,153,716	9,245,024	8,181,362	9,268,984	6,516,410	6,393,036	6,413,996
All	10,997,098	11,774,530	13,725,650	11,247,375	10,696,675	9,538,144	10,776,014	8,272,116	8,175,934	8,234,777
Cumulative	155,062,118	144,065,020	132,290,490	118,564,840	107,317,466	96,620,791	87,082,647	76,306,633	68,034,516	59,858,582

Notes: (a) The product of actual incremental payments (shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d) and adjustment factors to 2021 level (shown in Appendix E, Exhibit IV, Sheets 4a, 4b, 4c, and 4d).

Incremental Payments - 2021 Level (a)

Year of Birth	243	255	267	279	291	303	315	327	339	351
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1989	242,219	305,650	293,842	476,817	444,612	606,491	572,489	657,049	561,044	328,358
1990	117,105	152,803	127,435	155,363	252,771	320,392	207,178	193,226	196,679	264,229
1991	555,301	433,394	994,931	502,425	573,777	514,432	511,921	599,429	573,629	524,365
1992	668,721	570,502	911,930	927,443	859,125	853,039	932,928	910,918	861,982	919,922
1993	873,064	1,070,004	998,045	883,901	890,415	831,100	996,085	973,098	1,108,585	
1994	236,954	274,664	257,255	255,670	284,400	246,949	245,434	247,054		
1995	669,690	635,686	754,687	599,469	540,958	675,154	647,874			
1996	406,437	443,253	468,360	480,517	466,377	588,380				
1997	592,273	523,994	583,156	656,306	748,639					
1998	1,300,284	1,374,397	1,285,463	1,401,224						
1999	385,235	293,851	416,758							
2000	332,477	313,146								
2001	489,574									
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2021										
Totals:										
Latest 3	1,207,286	1,981,394	2,285,377	2,538,047	1,755,974	1,510,484	1,889,393	2,131,070	2,544,196	1,708,516
Latest 5	3,099,842	2,948,641	3,508,423	3,393,187	2,930,789	3,194,623	3,334,242	2,923,725	3,301,919	
Latest 10	5,954,708	5,932,890	6,798,020	6,339,136						
1993 & Subs.	5,285,986	4,928,994	4,763,724	4,277,087						
All	6,869,333	6,391,343	7,091,862	6,339,136	5,061,074	4,635,938	4,113,909	3,580,775	3,301,919	2,036,875
Cumulative	51,623,805	44,754,472	38,363,128	31,271,266	24,932,130	19,871,057	15,235,118	11,121,210	7,540,435	4,238,515

Notes: (a) The product of actual incremental payments (shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d) and adjustment factors to 2021 level (shown in Appendix E, Exhibit IV, Sheets 4a, 4b, 4c, and 4d).

Incremental Payments - 2021 Level (a)

Year of Birth	363	375	387
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1989	375,212	387,909	429,374
1990	201,192	236,880	
1991	571,074		
1992			
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2020			
2021			
Totals:			
Latest 3	1,147,477		
Latest 5			
Latest 10			
1993 & Subs.			
All	1,147,477	624,789	429,374
Cumulative	2,201,641	1,054,163	429,374

Notes: (a) The product of actual incremental payments (shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d) and adjustment factors to 2021 level (shown in Appendix E, Exhibit IV, Sheets 4a, 4b, 4c, and 4d).

Adjustment Factors to 2021 Level (a)

Year of Birth	3	15	27	39	51	63	75	87	99	111
1989	1.545	1.518	1.493	1.471	1.450	1.428	1.410	1.396	1.382	1.369
1990	1.518	1.493	1.471	1.450	1.428	1.410	1.396	1.382	1.369	1.357
1991	1.493	1.471	1.450	1.428	1.410	1.396	1.382	1.369	1.357	1.344
1992	1.471	1.450	1.428	1.410	1.396	1.382	1.369	1.357	1.344	1.330
1993	1.450	1.428	1.410	1.396	1.382	1.369	1.357	1.344	1.330	1.316
1994	1.428	1.410	1.396	1.382	1.369	1.357	1.344	1.330	1.316	1.301
1995	1.410	1.396	1.382	1.369	1.357	1.344	1.330	1.316	1.301	1.287
1996	1.396	1.382	1.369	1.357	1.344	1.330	1.316	1.301	1.287	1.269
1997	1.382	1.369	1.357	1.344	1.330	1.316	1.301	1.287	1.269	1.253
1998	1.369	1.357	1.344	1.330	1.316	1.301	1.287	1.269	1.253	1.239
1999	1.357	1.344	1.330	1.316	1.301	1.287	1.269	1.253	1.239	1.225
2000	1.344	1.330	1.316	1.301	1.287	1.269	1.253	1.239	1.225	1.114
2001	1.330	1.316	1.301	1.287	1.269	1.253	1.239	1.225	1.114	1.069
2002	1.316	1.301	1.287	1.269	1.253	1.239	1.225	1.114	1.069	1.060
2003	1.301	1.287	1.269	1.253	1.239	1.225	1.114	1.069	1.060	1.050
2004	1.287	1.269	1.253	1.239	1.225	1.114	1.069	1.060	1.050	1.042
2005	1.269	1.253	1.239	1.225	1.114	1.069	1.060	1.050	1.042	1.036
2006	1.253	1.239	1.225	1.114	1.069	1.060	1.050	1.042	1.036	1.031
2007	1.239	1.225	1.114	1.069	1.060	1.050	1.042	1.036	1.031	1.027
2008	1.225	1.114	1.069	1.060	1.050	1.042	1.036	1.031	1.027	1.019
2009	1.114	1.069	1.060	1.050	1.042	1.036	1.031	1.027	1.019	1.014
2010	1.069	1.060	1.050	1.042	1.036	1.031	1.027	1.019	1.014	1.009
2011	1.060	1.050	1.042	1.036	1.031	1.027	1.019	1.014	1.009	1.004
2012	1.050	1.042	1.036	1.031	1.027	1.019	1.014	1.009	1.004	1.000
2013	1.042	1.036	1.031	1.027	1.019	1.014	1.009	1.004	1.000	
2014	1.036	1.031	1.027	1.019	1.014	1.009	1.004	1.000		
2015	1.031	1.027	1.019	1.014	1.009	1.004	1.000			
2016	1.027	1.019	1.014	1.009	1.004	1.000				
2017	1.019	1.014	1.009	1.004	1.000					
2018	1.014	1.009	1.004	1.000						
2019	1.009	1.004	1.000							
2020	1.004	1.000								
2021	1.000									

Notes: (a) See Appendix E, Exhibit II, Sheet 3, Column (3).

Adjustment Factors to 2021 Level (a)

Year of Birth	123	135	147	159	171	183	195	207	219	231
1989	1.357	1.344	1.330	1.316	1.301	1.287	1.269	1.253	1.239	1.225
1990	1.344	1.330	1.316	1.301	1.287	1.269	1.253	1.239	1.225	1.114
1991	1.330	1.316	1.301	1.287	1.269	1.253	1.239	1.225	1.114	1.069
1992	1.316	1.301	1.287	1.269	1.253	1.239	1.225	1.114	1.069	1.060
1993	1.301	1.287	1.269	1.253	1.239	1.225	1.114	1.069	1.060	1.050
1994	1.287	1.269	1.253	1.239	1.225	1.114	1.069	1.060	1.050	1.042
1995	1.269	1.253	1.239	1.225	1.114	1.069	1.060	1.050	1.042	1.036
1996	1.253	1.239	1.225	1.114	1.069	1.060	1.050	1.042	1.036	1.031
1997	1.239	1.225	1.114	1.069	1.060	1.050	1.042	1.036	1.031	1.027
1998	1.225	1.114	1.069	1.060	1.050	1.042	1.036	1.031	1.027	1.019
1999	1.114	1.069	1.060	1.050	1.042	1.036	1.031	1.027	1.019	1.014
2000	1.069	1.060	1.050	1.042	1.036	1.031	1.027	1.019	1.014	1.009
2001	1.060	1.050	1.042	1.036	1.031	1.027	1.019	1.014	1.009	1.004
2002	1.050	1.042	1.036	1.031	1.027	1.019	1.014	1.009	1.004	1.000
2003	1.042	1.036	1.031	1.027	1.019	1.014	1.009	1.004	1.000	
2004	1.036	1.031	1.027	1.019	1.014	1.009	1.004	1.000		
2005	1.031	1.027	1.019	1.014	1.009	1.004	1.000			
2006	1.027	1.019	1.014	1.009	1.004	1.000				
2007	1.019	1.014	1.009	1.004	1.000					
2008	1.014	1.009	1.004	1.000						
2009	1.009	1.004	1.000							
2010	1.004	1.000								
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Notes: (a) See Appendix E, Exhibit II, Sheet 3, Column (3).

Adjustment Factors to 2021 Level (a)

Year of Birth	243	255	267	279	291	303	315	327	339	351
1989	1.114	1.069	1.060	1.050	1.042	1.036	1.031	1.027	1.019	1.014
1990	1.069	1.060	1.050	1.042	1.036	1.031	1.027	1.019	1.014	1.009
1991	1.060	1.050	1.042	1.036	1.031	1.027	1.019	1.014	1.009	1.004
1992	1.050	1.042	1.036	1.031	1.027	1.019	1.014	1.009	1.004	1.000
1993	1.042	1.036	1.031	1.027	1.019	1.014	1.009	1.004	1.000	
1994	1.036	1.031	1.027	1.019	1.014	1.009	1.004	1.000		
1995	1.031	1.027	1.019	1.014	1.009	1.004	1.000			
1996	1.027	1.019	1.014	1.009	1.004	1.000				
1997	1.019	1.014	1.009	1.004	1.000					
1998	1.014	1.009	1.004	1.000						
1999	1.009	1.004	1.000							
2000	1.004	1.000								
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Notes: (a) See Appendix E, Exhibit II, Sheet 3, Column (3).

Adjustment Factors to 2021 Level (a)

Year of Birth	363	375	387
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1989	1.009	1.004	1.000
1990	1.004	1.000	
1991	1.000		
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Notes: (a) See Appendix E, Exhibit II, Sheet 3, Column (3).

Actual Incremental Payments (a)

Year of Birth	3	15	27	39	51	63	75	87	99	111
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1989				1,438,241	831,556	1,039,909	466,440	366,127	437,875	608,899
1990			381,965	578,580	57,502	311,090	196,179	153,060	85,675	113,611
1991		2,124	221,592	38,863	409,020	316,205	135,259	92,715	48,327	37,616
1992	0	11,763	243,408	676,047	971,861	451,968	339,702	271,450	253,711	192,170
1993	0	1,777	225,788	741,202	658,288	894,438	756,259	825,931	790,406	816,946
1994	0	199,606	559,398	496,978	498,678	268,183	773,307	298,688	335,323	195,081
1995	0	2,570	131,595	633,347	422,171	78,112	103,350	149,061	93,392	203,390
1996	0	4,395	646,523	227,642	552,673	288,313	695,495	456,772	279,047	323,367
1997	0	12,667	579,545	387,133	295,191	429,344	696,207	408,597	319,258	336,040
1998	0	34,145	743,429	800,401	787,464	510,694	435,073	1,343,441	605,873	745,237
1999	0	526,599	470,478	317,129	585,363	617,597	476,269	395,917	658,212	943,839
2000	0	330,081	507,948	540,711	481,683	288,171	205,925	140,975	176,525	173,605
2001	0	119,047	386,924	653,355	454,207	414,317	876,597	474,064	316,428	250,909
2002	0	123,236	562,940	727,213	706,732	854,711	641,992	1,464,453	985,649	1,003,581
2003	0	217,366	274,578	105,855	114,256	320,428	590,677	185,301	179,024	286,618
2004	0	3,821	364,753	627,990	473,806	309,599	485,988	405,652	386,569	198,823
2005	0	24	23,754	774,098	854,059	592,383	1,207,309	752,220	618,865	497,334
2006	0	1,911	287,351	393,892	980,642	754,390	1,831,606	832,519	712,706	614,557
2007	0	114,811	491,050	879,540	1,085,556	858,552	1,062,241	932,429	883,952	930,903
2008	0	5,697	393,004	635,038	676,367	380,013	386,437	589,056	649,542	718,577
2009	0	339,332	409,381	1,050,602	944,120	540,419	562,426	794,757	1,374,635	578,619
2010	0	120,088	943,073	183,392	641,491	236,252	163,145	251,622	185,703	178,864
2011	0	17,848	202,334	1,011,428	515,646	801,988	698,714	658,941	623,140	497,789
2012	58	22,439	242,669	753,160	712,313	415,461	276,240	432,070	365,064	398,704
2013	0	133,782	787,288	1,042,774	704,787	622,920	645,474	737,380	619,254	
2014	0	166,848	806,379	979,412	1,400,137	1,088,207	789,766	831,732		
2015	0	609	523,391	1,023,419	1,333,045	724,919	1,071,011			
2016	0	366,072	142,864	78,097	237,159	196,767				
2017	0	170,743	466,999	550,701	713,808					
2018	0	154,648	1,282,836	1,389,349						
2019	0	20,617	1,649,438							
2020	0	8,525								
2021	0									
Totals:										
Latest 3	0	183,791	3,399,274	2,018,148	2,284,012	2,009,893	2,506,251	2,001,182	1,607,458	1,075,356
Latest 5	0	720,606	4,065,529	4,020,978	4,388,936	3,048,274	3,481,205	2,911,745	3,167,796	2,372,552
Latest 10	58	1,062,132	7,047,272	8,062,333	7,878,875	5,865,498	7,487,060	6,812,727	6,419,430	4,900,787
1993 & Subs.	58	3,219,305	14,105,711	17,003,858	16,829,644	12,486,178	15,431,508	13,361,580	11,158,568	9,892,782
All	58	3,233,192	14,952,676	19,735,589	19,099,583	14,605,350	16,569,088	14,244,932	11,984,156	10,845,078

Note: (a) See actual payments as shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d.

Actual Incremental Payments (a)

Year of Birth	123	135	147	159	171	183	195	207	219	231
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1989	343,716	367,973	1,342,692	240,779	435,487	333,440	386,693	423,200	371,866	324,443
1990	72,446	72,464	104,135	144,473	251,618	281,501	310,835	287,127	127,432	115,216
1991	110,256	100,190	140,131	122,499	118,816	144,104	143,451	301,117	564,703	514,820
1992	230,937	265,981	367,813	339,819	327,756	314,668	366,731	449,638	502,406	702,974
1993	854,471	754,201	683,196	880,574	848,868	650,686	706,037	673,604	797,640	733,464
1994	58,260	238,327	527,278	67,553	77,004	172,757	150,253	174,218	143,247	142,862
1995	230,171	721,036	271,510	371,862	457,785	125,289	1,355,648	327,016	361,846	622,391
1996	342,019	284,465	344,923	329,909	383,692	454,372	461,908	322,946	390,093	389,961
1997	233,591	410,176	599,261	702,326	616,016	633,943	992,016	605,901	535,588	587,873
1998	568,501	859,370	919,533	1,050,969	1,058,802	1,031,341	1,382,510	1,272,650	1,270,837	1,332,012
1999	701,686	635,368	793,429	734,603	542,510	660,606	659,326	498,528	488,055	391,014
2000	160,376	314,785	248,358	240,771	323,781	316,432	270,694	311,697	308,596	351,710
2001	310,956	330,316	371,183	475,297	454,666	538,668	448,424	436,592	509,410	447,124
2002	887,121	1,083,620	1,263,344	1,067,574	1,135,254	1,083,562	1,005,155	1,034,145	1,061,008	1,287,255
2003	284,477	261,060	411,831	449,653	384,997	373,451	304,755	305,889	370,415	
2004	336,161	343,017	323,548	295,428	309,552	380,429	396,794	369,960		
2005	468,607	456,399	454,838	511,579	527,240	651,390	794,570			
2006	621,024	722,549	751,725	651,633	799,727	752,048				
2007	903,950	877,246	851,208	976,135	838,743					
2008	782,242	590,693	595,374	746,256						
2009	653,507	714,944	974,187							
2010	184,547	197,109								
2011	552,008									
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
Totals:										
Latest 3	1,390,062	1,502,745	2,420,768	2,374,024	2,165,711	1,783,867	1,496,120	1,709,993	1,940,833	2,086,089
Latest 5	3,076,254	3,102,540	3,627,332	3,181,031	2,860,260	3,240,880	2,949,698	2,458,283	2,737,484	3,809,115
Latest 10	5,673,644	5,576,952	6,245,596	6,148,930	6,375,272	6,421,870	6,716,151	5,485,325	5,439,096	6,285,666
1993 & Subs.	9,133,675	9,794,679	10,384,726	9,552,123	8,758,637	7,824,973	8,928,089	6,333,146	6,236,736	6,285,666
All	9,891,030	10,601,287	12,339,497	10,399,693	9,892,314	8,898,686	10,135,799	7,794,228	7,803,143	7,943,119

Note: (a) See actual payments as shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d.

Actual Incremental Payments (a)

Year of Birth	243	255	267	279	291	303	315	327	339	351
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1989	217,423	286,049	277,296	454,213	426,612	585,218	555,244	640,061	550,527	323,911
1990	109,595	144,199	121,394	149,073	243,905	310,741	201,822	189,604	194,016	261,952
1991	524,033	412,848	954,650	484,801	556,493	501,132	502,325	591,311	568,686	522,505
1992	637,019	547,404	879,943	899,506	836,912	837,049	920,293	903,070	858,924	919,922
1993	837,717	1,032,472	967,981	861,047	873,725	819,844	987,502	969,646	1,108,585	
1994	228,642	266,391	250,604	250,877	280,549	244,822	244,564	247,054		
1995	649,517	619,250	740,541	591,351	536,297	672,759	647,874			
1996	395,929	434,944	462,017	476,376	464,723	588,380				
1997	581,171	516,898	578,131	653,978	748,639					
1998	1,282,673	1,362,555	1,280,903	1,401,224						
1999	381,916	292,808	416,758							
2000	331,298	313,146								
2001	489,574									
2002										
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2016										
2017										
2018										
2019										
2020										
2021										
Totals:										
Latest 3	1,202,787	1,968,509	2,275,792	2,531,579	1,749,658	1,505,961	1,879,940	2,119,769	2,536,196	1,704,379
Latest 5	3,066,632	2,920,351	3,478,350	3,373,807	2,903,932	3,162,855	3,302,558	2,900,684	3,280,739	
Latest 10	5,815,455	5,798,715	6,652,922	6,222,447						
1993 & Subs.	5,178,436	4,838,463	4,696,935	4,234,854						
All	6,666,506	6,228,963	6,930,218	6,222,447	4,967,853	4,559,945	4,059,623	3,540,746	3,280,739	2,028,291

Note: (a) See actual payments as shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d.

Actual Incremental Payments (a)

Year of Birth	363	375	387
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1989	371,979	386,533	429,374
1990	200,478	236,880	
1991	571,074		
1992			
1993			
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2021			
Totals:			
Latest 3	1,143,531		
Latest 5			
Latest 10			
1993 & Subs.			
All	1,143,531	623,413	429,374

Note: (a) See actual payments as shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d.

Paid Loss & ALAE - Actual (a)

Year of Birth	3	15	27	39	51	63	75	87	99	111
1989				1,438,241	2,269,797	3,309,706	3,776,146	4,142,273	4,580,148	5,189,047
1990			381,965	960,545	1,018,047	1,329,137	1,525,316	1,678,376	1,764,051	1,877,662
1991		2,124	223,716	262,579	671,599	987,804	1,123,063	1,215,778	1,264,105	1,301,721
1992	0	11,763	255,171	931,218	1,903,079	2,355,047	2,694,749	2,966,199	3,219,910	3,412,080
1993	0	1,777	227,565	968,767	1,627,055	2,521,493	3,277,752	4,103,683	4,894,089	5,711,035
1994	0	199,606	759,004	1,255,982	1,754,660	2,022,843	2,796,150	3,094,838	3,430,161	3,625,242
1995	0	2,570	134,165	767,512	1,189,683	1,267,795	1,371,145	1,520,206	1,613,598	1,816,988
1996	0	4,395	650,918	878,560	1,431,233	1,719,546	2,415,041	2,871,813	3,150,860	3,474,227
1997	0	12,667	592,212	979,345	1,274,536	1,703,880	2,400,087	2,808,684	3,127,942	3,463,982
1998	0	34,145	777,574	1,577,975	2,365,439	2,876,133	3,311,206	4,654,647	5,260,520	6,005,757
1999	0	526,599	997,077	1,314,206	1,899,569	2,517,166	2,993,435	3,389,352	4,047,564	4,991,403
2000	0	330,081	838,029	1,378,740	1,860,423	2,148,594	2,354,519	2,495,494	2,672,019	2,845,624
2001	0	119,047	505,971	1,159,326	1,613,533	2,027,850	2,904,447	3,378,511	3,694,939	3,945,848
2002	0	123,236	686,176	1,413,389	2,120,121	2,974,832	3,616,824	5,081,277	6,066,926	7,070,507
2003	0	217,366	491,944	597,799	712,055	1,032,483	1,623,160	1,808,461	1,987,485	2,274,103
2004	0	3,821	368,574	996,564	1,470,370	1,779,969	2,265,957	2,671,609	3,058,178	3,257,001
2005	0	24	23,778	797,876	1,651,935	2,244,318	3,451,627	4,203,846	4,822,711	5,320,045
2006	0	1,911	289,262	683,154	1,663,796	2,418,186	4,249,792	5,082,311	5,795,018	6,409,575
2007	0	114,811	605,861	1,485,401	2,570,958	3,429,510	4,491,751	5,424,181	6,308,133	7,239,036
2008	0	5,697	398,701	1,033,739	1,710,106	2,090,120	2,476,557	3,065,613	3,715,155	4,433,732
2009	0	339,332	748,713	1,799,315	2,743,435	3,283,854	3,846,280	4,641,037	6,015,672	6,594,291
2010	0	120,088	1,063,161	1,246,554	1,888,045	2,124,297	2,287,441	2,539,063	2,724,766	2,903,629
2011	0	17,848	220,183	1,231,610	1,747,256	2,549,245	3,247,958	3,906,899	4,530,039	5,027,829
2012	58	22,496	265,165	1,018,325	1,730,638	2,146,099	2,422,340	2,854,410	3,219,474	3,618,178
2013	0	133,782	921,070	1,963,844	2,668,631	3,291,551	3,937,024	4,674,404	5,293,659	
2014	0	166,848	973,227	1,952,639	3,352,776	4,440,983	5,230,749	6,062,481		
2015	0	609	524,000	1,547,419	2,880,464	3,605,383	4,676,394			
2016	0	366,072	508,937	587,034	824,193	1,020,960				
2017	0	170,743	637,742	1,188,443	1,902,251					
2018	0	154,648	1,437,484	2,826,833						
2019	0	20,617	1,670,056							
2020	0	8,525								
2021	0									

Note: (a) See Exhibit IX, Sheets 6a - 1, 2, and 3.

Paid Loss & ALAE - Actual (a)

Year of Birth	123	135	147	159	171	183	195	207	219	231
1989	5,532,763	5,900,736	7,243,428	7,484,207	7,919,694	8,253,134	8,639,827	9,063,027	9,434,893	9,759,336
1990	1,950,108	2,022,572	2,126,707	2,271,180	2,522,798	2,804,299	3,115,134	3,402,261	3,529,693	3,644,909
1991	1,411,977	1,512,167	1,652,298	1,774,797	1,893,613	2,037,717	2,181,168	2,482,285	3,046,988	3,561,808
1992	3,643,017	3,908,998	4,276,811	4,616,630	4,944,386	5,259,054	5,625,785	6,075,423	6,577,829	7,280,804
1993	6,565,506	7,319,707	8,002,903	8,883,477	9,732,345	10,383,031	11,089,068	11,762,672	12,560,312	13,293,776
1994	3,683,502	3,921,829	4,449,107	4,516,660	4,593,664	4,766,421	4,916,674	5,090,892	5,234,139	5,377,001
1995	2,047,159	2,768,195	3,039,705	3,411,567	3,869,352	3,994,641	5,350,289	5,677,305	6,039,151	6,661,543
1996	3,816,246	4,100,711	4,445,634	4,775,543	5,159,235	5,613,606	6,075,514	6,398,460	6,788,554	7,178,514
1997	3,697,573	4,107,749	4,707,010	5,409,336	6,025,352	6,659,295	7,651,311	8,257,212	8,792,800	9,380,673
1998	6,574,258	7,433,628	8,353,161	9,404,130	10,462,932	11,494,273	12,876,783	14,149,433	15,420,270	16,752,281
1999	5,693,089	6,328,457	7,121,886	7,856,490	8,399,000	9,059,606	9,718,932	10,217,460	10,705,515	11,096,529
2000	3,006,000	3,320,785	3,569,143	3,809,914	4,133,695	4,450,127	4,720,821	5,032,518	5,341,114	5,692,824
2001	4,256,804	4,587,119	4,958,302	5,433,600	5,888,265	6,426,933	6,875,357	7,311,949	7,821,359	8,268,483
2002	7,957,628	9,041,249	10,304,592	11,372,167	12,507,420	13,590,982	14,596,137	15,630,282	16,691,291	17,978,546
2003	2,558,581	2,819,641	3,231,471	3,681,124	4,066,121	4,439,571	4,744,326	5,050,215	5,420,630	
2004	3,593,162	3,936,179	4,259,727	4,555,155	4,864,707	5,245,136	5,641,931	6,011,890		
2005	5,788,652	6,245,051	6,699,890	7,211,469	7,738,709	8,390,099	9,184,669			
2006	7,030,599	7,753,148	8,504,873	9,156,506	9,956,233	10,708,281				
2007	8,142,986	9,020,232	9,871,440	10,847,575	11,686,318					
2008	5,215,974	5,806,667	6,402,041	7,148,296						
2009	7,247,798	7,962,742	8,936,928							
2010	3,088,176	3,285,284								
2011	5,579,837									
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										

Note: (a) See Exhibit IX, Sheets 6a - 1, 2, and 3.

Paid Loss & ALAE - Actual (a)

Year of Birth	243	255	267	279	291	303	315	327	339	351
1989	9,976,759	10,262,808	10,540,104	10,994,317	11,420,928	12,006,146	12,561,390	13,201,451	13,751,978	14,075,890
1990	3,754,504	3,898,703	4,020,097	4,169,170	4,413,075	4,723,816	4,925,637	5,115,242	5,309,257	5,571,210
1991	4,085,841	4,498,689	5,453,340	5,938,141	6,494,634	6,995,766	7,498,091	8,089,402	8,658,088	9,180,593
1992	7,917,823	8,465,227	9,345,170	10,244,676	11,081,588	11,918,637	12,838,930	13,742,000	14,600,924	15,520,846
1993	14,131,492	15,163,964	16,131,945	16,992,992	17,866,717	18,686,561	19,674,063	20,643,709	21,752,295	
1994	5,605,643	5,872,034	6,122,638	6,373,515	6,654,064	6,898,885	7,143,449	7,390,503		
1995	7,311,060	7,930,309	8,670,850	9,262,201	9,798,498	10,471,257	11,119,131			
1996	7,574,443	8,009,387	8,471,404	8,947,780	9,412,503	10,000,883				
1997	9,961,845	10,478,742	11,056,873	11,710,852	12,459,490					
1998	18,034,955	19,397,510	20,678,413	22,079,637						
1999	11,478,445	11,771,253	12,188,011							
2000	6,024,121	6,337,267								
2001	8,758,057									
2002										
2003										
2004										
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2018										
2019										
2020										
2021										

Note: (a) See Exhibit IX, Sheets 6a - 1, 2, and 3.

Paid Loss & ALAE - Actual (a)

Year of Birth	363	375	387
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1989	14,447,869	14,834,401	15,263,776
1990	5,771,687	6,008,568	
1991	9,751,666		
1992			
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1994			
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1996			
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2018			
2019			
2020			
2021			

Note: (a) See Exhibit IX, Sheets 6a - 1, 2, and 3.

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 2017	Adjusted q(x) BY 2018	Adjusted q(x) BY 2019	Adjusted q(x) BY 2020	Adjusted q(x) BY 2021
(1)	(2)	(3)	(4)	(5)	(6)
0	0.0154	0.0233	0.0311	0.1854	0.1854
1	0.0156	0.0129	0.0231	0.0251	0.0251
2	0.0158	0.0130	0.0127	0.0186	0.0186
3	0.0160	0.0131	0.0129	0.0103	0.0103
4	0.0162	0.0133	0.0130	0.0104	0.0104
5	0.0164	0.0135	0.0132	0.0105	0.0105
6	0.0166	0.0137	0.0134	0.0107	0.0107
7	0.0169	0.0139	0.0135	0.0108	0.0108
8	0.0171	0.0141	0.0137	0.0109	0.0109
9	0.0174	0.0143	0.0139	0.0111	0.0111
10	0.0178	0.0145	0.0141	0.0112	0.0112
11	0.0182	0.0148	0.0144	0.0114	0.0114
12	0.0186	0.0152	0.0147	0.0116	0.0116
13	0.0190	0.0155	0.0150	0.0119	0.0119
14	0.0194	0.0158	0.0153	0.0121	0.0121
15	0.0198	0.0162	0.0157	0.0124	0.0124
16	0.0202	0.0165	0.0160	0.0127	0.0127
17	0.0205	0.0168	0.0163	0.0129	0.0129
18	0.0209	0.0171	0.0166	0.0132	0.0132
19	0.0213	0.0174	0.0169	0.0134	0.0134
20	0.0217	0.0177	0.0172	0.0137	0.0137
21	0.0221	0.0181	0.0176	0.0139	0.0139
22	0.0225	0.0184	0.0179	0.0142	0.0142
23	0.0229	0.0187	0.0182	0.0144	0.0144
24	0.0233	0.0191	0.0185	0.0147	0.0147
25	0.0238	0.0194	0.0189	0.0150	0.0150
26	0.0243	0.0199	0.0192	0.0153	0.0153
27	0.0249	0.0203	0.0196	0.0155	0.0155
28	0.0254	0.0207	0.0201	0.0159	0.0159
29	0.0260	0.0212	0.0205	0.0162	0.0162
30	0.0266	0.0217	0.0210	0.0166	0.0166
31	0.0272	0.0222	0.0215	0.0169	0.0169
32	0.0278	0.0227	0.0219	0.0173	0.0173
33	0.0285	0.0232	0.0224	0.0177	0.0177
34	0.0292	0.0238	0.0230	0.0181	0.0181
35	0.0300	0.0244	0.0235	0.0186	0.0186
36	0.0307	0.0250	0.0241	0.0190	0.0190
37	0.0315	0.0256	0.0247	0.0195	0.0195
38	0.0324	0.0263	0.0253	0.0200	0.0200
39	0.0333	0.0270	0.0260	0.0205	0.0205
40	0.0343	0.0278	0.0267	0.0210	0.0210
41	0.0353	0.0286	0.0275	0.0216	0.0216
42	0.0364	0.0294	0.0283	0.0222	0.0222
43	0.0376	0.0304	0.0291	0.0228	0.0228
44	0.0389	0.0314	0.0301	0.0235	0.0235
45	0.0403	0.0324	0.0310	0.0243	0.0243
46	0.0417	0.0336	0.0321	0.0251	0.0251
47	0.0433	0.0348	0.0332	0.0259	0.0259
48	0.0450	0.0361	0.0344	0.0268	0.0268
49	0.0468	0.0375	0.0357	0.0278	0.0278
50	0.0486	0.0390	0.0371	0.0289	0.0289
51	0.0506	0.0405	0.0386	0.0300	0.0300
52	0.0528	0.0422	0.0401	0.0312	0.0312
53	0.0550	0.0440	0.0418	0.0324	0.0324
54	0.0575	0.0459	0.0435	0.0337	0.0337
55	0.0601	0.0479	0.0454	0.0352	0.0352
56	0.0629	0.0501	0.0474	0.0367	0.0367
57	0.0658	0.0524	0.0496	0.0383	0.0383
58	0.0690	0.0549	0.0519	0.0400	0.0400
59	0.0725	0.0576	0.0543	0.0419	0.0419
60	0.0762	0.0604	0.0570	0.0439	0.0439

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 2017	Adjusted q(x) BY 2018	Adjusted q(x) BY 2019	Adjusted q(x) BY 2020	Adjusted q(x) BY 2021
(1)	(2)	(3)	(4)	(5)	(6)
61	0.0802	0.0635	0.0598	0.0460	0.0460
62	0.0845	0.0669	0.0629	0.0483	0.0483
63	0.0892	0.0705	0.0662	0.0508	0.0508
64	0.0940	0.0743	0.0698	0.0535	0.0535
65	0.0992	0.0784	0.0736	0.0563	0.0563
66	0.1046	0.0827	0.0776	0.0594	0.0594
67	0.1106	0.0872	0.0818	0.0627	0.0627
68	0.1170	0.0922	0.0863	0.0661	0.0661
69	0.1241	0.0976	0.0912	0.0697	0.0697
70	0.1318	0.1035	0.0966	0.0737	0.0737
71	0.1402	0.1099	0.1024	0.0780	0.0780
72	0.1493	0.1168	0.1087	0.0827	0.0827
73	0.1592	0.1245	0.1156	0.0878	0.0878
74	0.1700	0.1327	0.1232	0.0934	0.0934
75	0.1815	0.1417	0.1314	0.0995	0.0995
76	0.1941	0.1513	0.1402	0.1061	0.1061
77	0.2078	0.1618	0.1498	0.1133	0.1133
78	0.2229	0.1732	0.1601	0.1210	0.1210
79	0.2393	0.1858	0.1715	0.1294	0.1294
80	0.2572	0.1995	0.1839	0.1385	0.1385
81	0.2767	0.2144	0.1974	0.1485	0.1485
82	0.2980	0.2307	0.2122	0.1595	0.1595
83	0.3211	0.2484	0.2283	0.1714	0.1714
84	0.3462	0.2677	0.2459	0.1844	0.1844
85	0.3734	0.2886	0.2649	0.1986	0.1986
86	0.4029	0.3113	0.2857	0.2140	0.2140
87	0.4347	0.3359	0.3081	0.2307	0.2307
88	0.4690	0.3624	0.3324	0.2489	0.2489
89	0.5058	0.3910	0.3587	0.2685	0.2685
90	0.5452	0.4216	0.3869	0.2897	0.2897
91	0.5871	0.4545	0.4173	0.3125	0.3125
92	0.6308	0.4894	0.4498	0.3371	0.3371
93	0.6763	0.5259	0.4844	0.3633	0.3633
94	0.7235	0.5638	0.5205	0.3913	0.3913
95	0.7724	0.6031	0.5580	0.4204	0.4204
96	0.8236	0.6439	0.5969	0.4507	0.4507
97	0.8537	0.6866	0.6373	0.4821	0.4821
98	0.8537	0.7117	0.6796	0.5148	0.5148
99	0.8537	0.7117	0.7044	0.5489	0.5489
100	0.8537	0.7117	0.7044	0.5690	0.5690
101	0.8537	0.7117	0.7044	0.5690	0.5690
102	0.8537	0.7117	0.7044	0.5690	0.5690
103	0.8537	0.7117	0.7044	0.5690	0.5690
104	0.8537	0.7117	0.7044	0.5690	0.5690
105	0.8537	0.7117	0.7044	0.5690	0.5690
106	0.8537	0.7117	0.7044	0.5690	0.5690
107	0.8537	0.7117	0.7044	0.5690	0.5690
108	0.8537	0.7117	0.7044	0.5690	0.5690
109	0.8537	0.7117	0.7044	0.5690	0.5690
110	0.8537	0.7117	0.7044	0.5690	0.5690
111	0.8537	0.7117	0.7044	0.5690	0.5690
112	0.8537	0.7117	0.7044	0.5690	0.5690
113	0.8537	0.7117	0.7044	0.5690	0.5690
114	0.8537	0.7117	0.7044	0.5690	0.5690
115	0.8537	0.7117	0.7044	0.5690	0.5690
116	0.8537	0.7117	0.7044	0.5690	0.5690
117	0.8624	0.7117	0.7044	0.5690	0.5690
118	0.8624	0.7189	0.7044	0.5690	0.5690
119	0.8624	0.7189	0.7115	0.5690	0.5690
120	0.8624	0.7189	0.7115	0.5747	0.5747

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 2003	Adjusted q(x) BY 2004	Adjusted q(x) BY 2005	Adjusted q(x) BY 2006	Adjusted q(x) BY 2007	Adjusted q(x) BY 2008	Adjusted q(x) BY 2009	Adjusted q(x) BY 2010	Adjusted q(x) BY 2011	Adjusted q(x) BY 2012	Adjusted q(x) BY 2013	Adjusted q(x) BY 2014	Adjusted q(x) BY 2015	Adjusted q(x) BY 2016
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0	0.0283	0.0094	0.0152	0.0132	0.0228	0.0092	0.0101	0.0050	0.0106	0.0082	0.0183	0.0199	0.0130	0.0134
1	0.0289	0.0096	0.0156	0.0135	0.0233	0.0094	0.0103	0.0051	0.0107	0.0084	0.0186	0.0202	0.0131	0.0136
2	0.0294	0.0097	0.0159	0.0138	0.0238	0.0096	0.0105	0.0051	0.0109	0.0085	0.0188	0.0204	0.0133	0.0138
3	0.0300	0.0099	0.0162	0.0141	0.0243	0.0098	0.0107	0.0052	0.0111	0.0086	0.0191	0.0207	0.0135	0.0139
4	0.0305	0.0101	0.0165	0.0143	0.0248	0.0100	0.0110	0.0054	0.0113	0.0088	0.0194	0.0210	0.0137	0.0141
5	0.0311	0.0103	0.0168	0.0146	0.0253	0.0102	0.0112	0.0055	0.0115	0.0089	0.0197	0.0213	0.0139	0.0143
6	0.0316	0.0105	0.0171	0.0149	0.0258	0.0104	0.0114	0.0056	0.0118	0.0091	0.0201	0.0217	0.0141	0.0145
7	0.0322	0.0107	0.0174	0.0152	0.0263	0.0106	0.0117	0.0057	0.0121	0.0093	0.0206	0.0222	0.0143	0.0147
8	0.0328	0.0109	0.0178	0.0154	0.0268	0.0108	0.0119	0.0058	0.0123	0.0096	0.0210	0.0226	0.0146	0.0150
9	0.0334	0.0111	0.0181	0.0157	0.0273	0.0110	0.0121	0.0059	0.0125	0.0098	0.0215	0.0232	0.0149	0.0153
10	0.0341	0.0113	0.0184	0.0160	0.0277	0.0112	0.0123	0.0061	0.0128	0.0099	0.0220	0.0237	0.0153	0.0157
11	0.0348	0.0115	0.0187	0.0163	0.0282	0.0114	0.0125	0.0062	0.0130	0.0101	0.0224	0.0242	0.0156	0.0160
12	0.0355	0.0117	0.0191	0.0166	0.0288	0.0116	0.0128	0.0063	0.0133	0.0103	0.0228	0.0246	0.0160	0.0164
13	0.0363	0.0120	0.0195	0.0169	0.0293	0.0118	0.0130	0.0064	0.0135	0.0105	0.0232	0.0251	0.0163	0.0167
14	0.0371	0.0122	0.0199	0.0173	0.0299	0.0120	0.0132	0.0065	0.0137	0.0107	0.0237	0.0255	0.0166	0.0170
15	0.0379	0.0125	0.0204	0.0176	0.0305	0.0123	0.0135	0.0066	0.0140	0.0109	0.0241	0.0260	0.0169	0.0173
16	0.0388	0.0128	0.0208	0.0180	0.0311	0.0125	0.0137	0.0067	0.0142	0.0111	0.0245	0.0265	0.0172	0.0177
17	0.0397	0.0131	0.0213	0.0184	0.0318	0.0128	0.0140	0.0069	0.0145	0.0113	0.0250	0.0270	0.0175	0.0180
18	0.0406	0.0134	0.0218	0.0188	0.0325	0.0131	0.0143	0.0070	0.0148	0.0115	0.0254	0.0275	0.0178	0.0183
19	0.0416	0.0137	0.0223	0.0193	0.0333	0.0134	0.0146	0.0072	0.0151	0.0117	0.0259	0.0280	0.0181	0.0187
20	0.0427	0.0140	0.0228	0.0197	0.0340	0.0137	0.0150	0.0073	0.0154	0.0120	0.0264	0.0285	0.0185	0.0190
21	0.0437	0.0144	0.0234	0.0202	0.0348	0.0140	0.0153	0.0075	0.0158	0.0122	0.0269	0.0290	0.0188	0.0193
22	0.0448	0.0147	0.0239	0.0207	0.0356	0.0143	0.0157	0.0077	0.0161	0.0125	0.0275	0.0296	0.0192	0.0197
23	0.0460	0.0151	0.0245	0.0212	0.0365	0.0147	0.0160	0.0078	0.0165	0.0128	0.0281	0.0303	0.0196	0.0201
24	0.0473	0.0155	0.0252	0.0217	0.0374	0.0150	0.0164	0.0080	0.0169	0.0131	0.0288	0.0310	0.0200	0.0205
25	0.0486	0.0159	0.0258	0.0223	0.0383	0.0154	0.0168	0.0082	0.0172	0.0134	0.0294	0.0317	0.0204	0.0209
26	0.0500	0.0164	0.0265	0.0228	0.0393	0.0158	0.0172	0.0084	0.0177	0.0137	0.0301	0.0324	0.0209	0.0214
27	0.0516	0.0169	0.0273	0.0235	0.0403	0.0162	0.0176	0.0086	0.0181	0.0140	0.0308	0.0331	0.0214	0.0219
28	0.0532	0.0174	0.0281	0.0241	0.0414	0.0166	0.0181	0.0088	0.0185	0.0143	0.0315	0.0339	0.0219	0.0224
29	0.0549	0.0179	0.0289	0.0248	0.0426	0.0170	0.0186	0.0091	0.0190	0.0147	0.0323	0.0347	0.0224	0.0229
30	0.0568	0.0185	0.0298	0.0256	0.0439	0.0175	0.0191	0.0093	0.0195	0.0151	0.0331	0.0355	0.0229	0.0234
31	0.0588	0.0192	0.0308	0.0264	0.0452	0.0180	0.0196	0.0095	0.0200	0.0154	0.0339	0.0364	0.0234	0.0240
32	0.0609	0.0198	0.0319	0.0273	0.0466	0.0186	0.0202	0.0098	0.0205	0.0158	0.0348	0.0373	0.0240	0.0245
33	0.0632	0.0206	0.0330	0.0282	0.0481	0.0192	0.0208	0.0101	0.0211	0.0163	0.0357	0.0382	0.0246	0.0252
34	0.0657	0.0213	0.0342	0.0292	0.0498	0.0198	0.0215	0.0104	0.0217	0.0167	0.0366	0.0392	0.0252	0.0258
35	0.0683	0.0222	0.0355	0.0302	0.0515	0.0205	0.0222	0.0107	0.0224	0.0172	0.0377	0.0403	0.0259	0.0264
36	0.0710	0.0230	0.0369	0.0314	0.0534	0.0212	0.0229	0.0111	0.0231	0.0177	0.0388	0.0415	0.0266	0.0271
37	0.0739	0.0239	0.0383	0.0326	0.0554	0.0220	0.0237	0.0115	0.0239	0.0183	0.0400	0.0427	0.0274	0.0279
38	0.0770	0.0249	0.0398	0.0339	0.0576	0.0228	0.0246	0.0119	0.0247	0.0189	0.0412	0.0440	0.0282	0.0287
39	0.0803	0.0260	0.0415	0.0352	0.0598	0.0237	0.0255	0.0123	0.0255	0.0195	0.0426	0.0454	0.0290	0.0295
40	0.0839	0.0271	0.0432	0.0367	0.0622	0.0246	0.0265	0.0128	0.0265	0.0202	0.0440	0.0468	0.0299	0.0304
41	0.0877	0.0283	0.0451	0.0382	0.0648	0.0256	0.0275	0.0133	0.0275	0.0210	0.0456	0.0484	0.0309	0.0314
42	0.0918	0.0296	0.0471	0.0399	0.0675	0.0266	0.0286	0.0138	0.0285	0.0218	0.0472	0.0501	0.0320	0.0324
43	0.0961	0.0310	0.0492	0.0417	0.0705	0.0278	0.0298	0.0143	0.0296	0.0226	0.0490	0.0520	0.0331	0.0335
44	0.1008	0.0324	0.0515	0.0435	0.0736	0.0290	0.0311	0.0149	0.0308	0.0235	0.0509	0.0539	0.0343	0.0347
45	0.1058	0.0340	0.0539	0.0456	0.0769	0.0303	0.0324	0.0156	0.0321	0.0244	0.0529	0.0560	0.0356	0.0359
46	0.1113	0.0357	0.0566	0.0477	0.0805	0.0316	0.0339	0.0162	0.0334	0.0254	0.0550	0.0582	0.0370	0.0373
47	0.1171	0.0375	0.0594	0.0500	0.0843	0.0331	0.0354	0.0169	0.0349	0.0265	0.0573	0.0605	0.0384	0.0387
48	0.1234	0.0395	0.0624	0.0525	0.0884	0.0347	0.0370	0.0177	0.0364	0.0277	0.0597	0.0630	0.0400	0.0402
49	0.1301	0.0416	0.0657	0.0552	0.0928	0.0363	0.0388	0.0185	0.0381	0.0289	0.0623	0.0657	0.0416	0.0419
50	0.1373	0.0439	0.0693	0.0581	0.0976	0.0382	0.0407	0.0194	0.0399	0.0302	0.0650	0.0685	0.0434	0.0436
51	0.1447	0.0463	0.0730	0.0613	0.1027	0.0401	0.0427	0.0204	0.0417	0.0316	0.0680	0.0716	0.0452	0.0454
52	0.1527	0.0488	0.0770	0.0646	0.1082	0.0422	0.0449	0.0214	0.0438	0.0331	0.0711	0.0748	0.0472	0.0474
53	0.1614	0.0515	0.0812	0.0682	0.1141	0.0445	0.0473	0.0225	0.0460	0.0347	0.0745	0.0783	0.0494	0.0495
54	0.1708	0.0544	0.0857	0.0719	0.1204	0.0469	0.0498	0.0237	0.0483	0.0364	0.0781	0.0820	0.0517	0.0517
55	0.1811	0.0576	0.0906	0.0758	0.1269	0.0495	0.0525	0.0249	0.0509	0.0383	0.0820	0.0860	0.0541	0.0541
56	0.1924	0.0611	0.0959	0.0801	0.1339	0.0522	0.0554	0.0263	0.0536	0.0403	0.0862	0.0903	0.0568	0.0567
57	0.2046	0.0649	0.1017	0.0848	0.1415	0.0551	0.0584	0.0277	0.0565	0.0425	0.0908	0.0949	0.0596	0.0594
58	0.2179	0.0690	0.1080	0.0899	0.1498	0.0582	0.0616	0.0292	0.0596	0.0448	0.0957	0.0999	0.0626	0.0624
59	0.2324	0.0735	0.1148	0.0955	0.1588	0.0616	0.0651	0.0308	0.0629	0.0473	0.1009	0.1052	0.0659	0.0656
60	0.2481	0.0784	0.1223	0.1016	0.1687	0.0653	0.0690	0.0326	0.0663	0.0498	0.1064	0.1110	0.0695	0.0690

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 2003	Adjusted q(x) BY 2004	Adjusted q(x) BY 2005	Adjusted q(x) BY 2006	Adjusted q(x) BY 2007	Adjusted q(x) BY 2008	Adjusted q(x) BY 2009	Adjusted q(x) BY 2010	Adjusted q(x) BY 2011	Adjusted q(x) BY 2012	Adjusted q(x) BY 2013	Adjusted q(x) BY 2014	Adjusted q(x) BY 2015	Adjusted q(x) BY 2016
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
61	0.2650	0.0837	0.1305	0.1082	0.1794	0.0694	0.0731	0.0345	0.0701	0.0526	0.1122	0.1171	0.0733	0.0728
62	0.2833	0.0894	0.1393	0.1154	0.1911	0.0738	0.0776	0.0366	0.0742	0.0556	0.1184	0.1235	0.0773	0.0767
63	0.3034	0.0956	0.1487	0.1232	0.2038	0.0786	0.0826	0.0389	0.0787	0.0588	0.1251	0.1303	0.0815	0.0809
64	0.3253	0.1023	0.1590	0.1316	0.2176	0.0838	0.0880	0.0413	0.0836	0.0624	0.1324	0.1376	0.0860	0.0853
65	0.3493	0.1097	0.1703	0.1407	0.2324	0.0895	0.0938	0.0440	0.0889	0.0662	0.1404	0.1457	0.0909	0.0900
66	0.3754	0.1178	0.1826	0.1506	0.2484	0.0956	0.1001	0.0470	0.0947	0.0704	0.1491	0.1545	0.0962	0.0952
67	0.4039	0.1266	0.1960	0.1615	0.2660	0.1022	0.1069	0.0501	0.1010	0.0750	0.1586	0.1641	0.1020	0.1007
68	0.4350	0.1363	0.2107	0.1734	0.2852	0.1094	0.1143	0.0535	0.1078	0.0800	0.1689	0.1745	0.1083	0.1068
69	0.4687	0.1467	0.2267	0.1864	0.3063	0.1173	0.1224	0.0572	0.1151	0.0854	0.1802	0.1859	0.1152	0.1134
70	0.5054	0.1581	0.2441	0.2006	0.3292	0.1259	0.1313	0.0613	0.1231	0.0912	0.1923	0.1982	0.1227	0.1206
71	0.5451	0.1705	0.2631	0.2160	0.3542	0.1354	0.1410	0.0657	0.1318	0.0975	0.2054	0.2116	0.1309	0.1285
72	0.5881	0.1839	0.2836	0.2327	0.3814	0.1457	0.1515	0.0706	0.1413	0.1044	0.2196	0.2260	0.1397	0.1371
73	0.6345	0.1984	0.3059	0.2509	0.4110	0.1568	0.1630	0.0758	0.1517	0.1120	0.2352	0.2416	0.1492	0.1463
74	0.6845	0.2140	0.3301	0.2707	0.4431	0.1690	0.1756	0.0816	0.1631	0.1202	0.2522	0.2587	0.1595	0.1562
75	0.7383	0.2309	0.3561	0.2920	0.4780	0.1822	0.1892	0.0879	0.1755	0.1292	0.2708	0.2775	0.1708	0.1671
76	0.7958	0.2491	0.3842	0.3151	0.5157	0.1966	0.2040	0.0947	0.1889	0.1391	0.2910	0.2979	0.1832	0.1789
77	0.8570	0.2684	0.4144	0.3399	0.5564	0.2121	0.2200	0.1021	0.2036	0.1497	0.3131	0.3202	0.1967	0.1918
78	0.9208	0.2891	0.4466	0.3666	0.6002	0.2288	0.2374	0.1101	0.2195	0.1614	0.3372	0.3445	0.2114	0.2059
79	0.9872	0.3106	0.4810	0.3951	0.6474	0.2468	0.2561	0.1188	0.2368	0.1740	0.3634	0.3710	0.2275	0.2214
80	1.0000	0.3330	0.5168	0.4255	0.6978	0.2662	0.2763	0.1282	0.2554	0.1876	0.3918	0.3998	0.2449	0.2382
81	1.0000	0.3562	0.5541	0.4572	0.7514	0.2869	0.2980	0.1383	0.2756	0.2024	0.4226	0.4310	0.2639	0.2565
82	1.0000	0.3803	0.5927	0.4902	0.8074	0.3090	0.3212	0.1491	0.2973	0.2184	0.4559	0.4649	0.2846	0.2764
83	1.0000	0.4056	0.6328	0.5243	0.8656	0.3320	0.3459	0.1607	0.3207	0.2357	0.4919	0.5016	0.3069	0.2980
84	1.0000	0.4204	0.6747	0.5598	0.9260	0.3560	0.3716	0.1731	0.3457	0.2541	0.5307	0.5412	0.3312	0.3214
85	1.0000	0.4204	0.6994	0.5969	0.9886	0.3808	0.3984	0.1860	0.3722	0.2739	0.5723	0.5838	0.3573	0.3468
86	1.0000	0.4204	0.6994	0.6188	1.0000	0.4065	0.4262	0.1994	0.4000	0.2950	0.6169	0.6297	0.3855	0.3741
87	1.0000	0.4204	0.6994	0.6188	1.0000	0.4335	0.4550	0.2133	0.4288	0.3170	0.6643	0.6787	0.4157	0.4036
88	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.4852	0.2278	0.4587	0.3398	0.7138	0.7309	0.4481	0.4353
89	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2429	0.4897	0.3635	0.7653	0.7853	0.4826	0.4692
90	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5222	0.3881	0.8186	0.8420	0.5185	0.5053
91	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4139	0.8740	0.9007	0.5559	0.5429
92	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9320	0.9616	0.5946	0.5821
93	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.6349	0.6226
94	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.6770	0.6648
95	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7088
96	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
97	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
98	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
99	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
100	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
101	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
102	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
103	1.0000	0.4204	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
104	1.0000	0.4246	0.6994	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
105	1.0000	0.4246	0.7065	0.6188	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
106	1.0000	0.4246	0.7065	0.6250	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
107	1.0000	0.4246	0.7065	0.6250	1.0000	0.4494	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
108	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5029	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
109	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5080	0.2517	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
110	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5080	0.2543	0.5413	0.4290	0.9661	1.0000	0.7017	0.7348
111	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5080	0.2543	0.5468	0.4290	0.9661	1.0000	0.7017	0.7348
112	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5080	0.2543	0.5468	0.4333	0.9661	1.0000	0.7017	0.7348
113	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5080	0.2543	0.5468	0.4333	0.9758	1.0000	0.7017	0.7348
114	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5080	0.2543	0.5468	0.4333	0.9758	1.0000	0.7017	0.7348
115	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5080	0.2543	0.5468	0.4333	0.9758	1.0000	0.7088	0.7348
116	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5080	0.2543	0.5468	0.4333	0.9758	1.0000	0.7088	0.7422
117	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5080	0.2543	0.5468	0.4333	0.9758	1.0000	0.7088	0.7422
118	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5080	0.2543	0.5468	0.4333	0.9758	1.0000	0.7088	0.7422
119	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5080	0.2543	0.5468	0.4333	0.9758	1.0000	0.7088	0.7422
120	1.0000	0.4246	0.7065	0.6250	1.0000	0.4539	0.5080	0.2543	0.5468	0.4333	0.9758	1.0000	0.7088	0.7422

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 1989	Adjusted q(x) BY 1990	Adjusted q(x) BY 1991	Adjusted q(x) BY 1992	Adjusted q(x) BY 1993	Adjusted q(x) BY 1994	Adjusted q(x) BY 1995	Adjusted q(x) BY 1996	Adjusted q(x) BY 1997	Adjusted q(x) BY 1998	Adjusted q(x) BY 1999	Adjusted q(x) BY 2000	Adjusted q(x) BY 2001	Adjusted q(x) BY 2002
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0	0.0112	0.0342	0.0150	0.0133	0.0143	0.0053	0.0112	0.0223	0.0099	0.0127	0.0216	0.0194	0.0123	0.0167
1	0.0114	0.0350	0.0154	0.0136	0.0146	0.0054	0.0114	0.0227	0.0101	0.0130	0.0220	0.0198	0.0125	0.0170
2	0.0117	0.0358	0.0157	0.0139	0.0149	0.0055	0.0116	0.0231	0.0103	0.0132	0.0224	0.0201	0.0128	0.0173
3	0.0120	0.0366	0.0161	0.0142	0.0153	0.0057	0.0118	0.0236	0.0105	0.0134	0.0228	0.0205	0.0130	0.0176
4	0.0123	0.0375	0.0164	0.0145	0.0156	0.0058	0.0121	0.0241	0.0107	0.0137	0.0232	0.0209	0.0132	0.0180
5	0.0126	0.0383	0.0168	0.0148	0.0160	0.0059	0.0123	0.0246	0.0109	0.0140	0.0236	0.0213	0.0135	0.0183
6	0.0129	0.0393	0.0172	0.0152	0.0163	0.0060	0.0126	0.0251	0.0111	0.0143	0.0241	0.0217	0.0137	0.0186
7	0.0132	0.0402	0.0176	0.0155	0.0167	0.0062	0.0129	0.0257	0.0114	0.0146	0.0246	0.0221	0.0140	0.0189
8	0.0135	0.0413	0.0180	0.0159	0.0171	0.0063	0.0132	0.0263	0.0116	0.0149	0.0251	0.0225	0.0142	0.0193
9	0.0139	0.0423	0.0185	0.0163	0.0175	0.0065	0.0135	0.0269	0.0119	0.0152	0.0257	0.0230	0.0145	0.0197
10	0.0143	0.0434	0.0190	0.0167	0.0180	0.0066	0.0138	0.0275	0.0122	0.0156	0.0263	0.0235	0.0148	0.0201
11	0.0147	0.0446	0.0195	0.0172	0.0184	0.0068	0.0142	0.0281	0.0124	0.0159	0.0268	0.0241	0.0152	0.0205
12	0.0151	0.0459	0.0200	0.0176	0.0189	0.0070	0.0145	0.0288	0.0127	0.0163	0.0275	0.0246	0.0155	0.0210
13	0.0156	0.0472	0.0206	0.0181	0.0194	0.0071	0.0149	0.0295	0.0130	0.0167	0.0281	0.0252	0.0159	0.0214
14	0.0160	0.0486	0.0212	0.0186	0.0199	0.0073	0.0152	0.0303	0.0134	0.0171	0.0288	0.0257	0.0162	0.0219
15	0.0166	0.0502	0.0218	0.0191	0.0205	0.0075	0.0156	0.0310	0.0137	0.0175	0.0295	0.0263	0.0166	0.0224
16	0.0171	0.0518	0.0225	0.0197	0.0211	0.0077	0.0161	0.0319	0.0140	0.0179	0.0302	0.0270	0.0170	0.0229
17	0.0177	0.0536	0.0232	0.0203	0.0217	0.0080	0.0165	0.0327	0.0144	0.0184	0.0309	0.0277	0.0174	0.0235
18	0.0184	0.0555	0.0240	0.0210	0.0224	0.0082	0.0170	0.0336	0.0148	0.0189	0.0317	0.0283	0.0178	0.0240
19	0.0191	0.0575	0.0249	0.0217	0.0231	0.0085	0.0175	0.0346	0.0152	0.0194	0.0326	0.0291	0.0183	0.0246
20	0.0198	0.0596	0.0258	0.0225	0.0239	0.0087	0.0181	0.0357	0.0157	0.0199	0.0334	0.0298	0.0187	0.0253
21	0.0206	0.0620	0.0267	0.0233	0.0247	0.0090	0.0187	0.0368	0.0162	0.0205	0.0344	0.0306	0.0192	0.0259
22	0.0214	0.0644	0.0278	0.0242	0.0256	0.0094	0.0193	0.0380	0.0167	0.0211	0.0354	0.0315	0.0198	0.0266
23	0.0223	0.0670	0.0289	0.0251	0.0266	0.0097	0.0200	0.0393	0.0172	0.0218	0.0365	0.0324	0.0203	0.0273
24	0.0232	0.0697	0.0300	0.0261	0.0276	0.0101	0.0207	0.0407	0.0178	0.0225	0.0376	0.0334	0.0209	0.0281
25	0.0242	0.0727	0.0313	0.0272	0.0287	0.0105	0.0215	0.0422	0.0184	0.0233	0.0388	0.0345	0.0215	0.0289
26	0.0253	0.0758	0.0326	0.0283	0.0299	0.0109	0.0223	0.0438	0.0191	0.0241	0.0402	0.0356	0.0222	0.0298
27	0.0265	0.0792	0.0340	0.0295	0.0311	0.0113	0.0232	0.0455	0.0198	0.0250	0.0416	0.0368	0.0230	0.0307
28	0.0277	0.0828	0.0355	0.0307	0.0324	0.0118	0.0241	0.0472	0.0206	0.0259	0.0431	0.0381	0.0237	0.0317
29	0.0290	0.0866	0.0371	0.0321	0.0338	0.0123	0.0251	0.0491	0.0214	0.0269	0.0447	0.0395	0.0246	0.0328
30	0.0304	0.0907	0.0388	0.0336	0.0353	0.0128	0.0262	0.0512	0.0222	0.0280	0.0465	0.0410	0.0255	0.0339
31	0.0319	0.0951	0.0407	0.0351	0.0369	0.0134	0.0273	0.0533	0.0231	0.0291	0.0483	0.0426	0.0264	0.0352
32	0.0336	0.0999	0.0426	0.0368	0.0386	0.0140	0.0285	0.0556	0.0241	0.0303	0.0502	0.0442	0.0274	0.0365
33	0.0353	0.1050	0.0448	0.0386	0.0404	0.0146	0.0298	0.0581	0.0252	0.0316	0.0523	0.0460	0.0285	0.0379
34	0.0372	0.1105	0.0471	0.0405	0.0424	0.0153	0.0312	0.0607	0.0263	0.0329	0.0545	0.0479	0.0297	0.0394
35	0.0393	0.1164	0.0495	0.0426	0.0445	0.0160	0.0327	0.0635	0.0275	0.0344	0.0568	0.0499	0.0309	0.0410
36	0.0414	0.1228	0.0522	0.0448	0.0468	0.0169	0.0343	0.0665	0.0287	0.0360	0.0594	0.0521	0.0322	0.0427
37	0.0437	0.1295	0.0551	0.0472	0.0493	0.0177	0.0360	0.0698	0.0301	0.0376	0.0621	0.0544	0.0336	0.0445
38	0.0461	0.1366	0.0581	0.0498	0.0519	0.0186	0.0378	0.0733	0.0316	0.0394	0.0649	0.0569	0.0351	0.0464
39	0.0487	0.1441	0.0612	0.0525	0.0548	0.0196	0.0398	0.0770	0.0332	0.0413	0.0680	0.0595	0.0367	0.0485
40	0.0515	0.1523	0.0646	0.0554	0.0578	0.0207	0.0420	0.0811	0.0349	0.0434	0.0713	0.0623	0.0384	0.0507
41	0.0546	0.1612	0.0683	0.0584	0.0609	0.0219	0.0443	0.0854	0.0367	0.0456	0.0749	0.0653	0.0402	0.0530
42	0.0580	0.1709	0.0723	0.0617	0.0643	0.0230	0.0467	0.0901	0.0387	0.0480	0.0787	0.0686	0.0421	0.0555
43	0.0617	0.1815	0.0766	0.0654	0.0679	0.0243	0.0492	0.0950	0.0408	0.0506	0.0828	0.0721	0.0442	0.0582
44	0.0657	0.1930	0.0814	0.0693	0.0719	0.0257	0.0519	0.1002	0.0430	0.0534	0.0873	0.0759	0.0465	0.0611
45	0.0701	0.2056	0.0866	0.0736	0.0762	0.0272	0.0549	0.1057	0.0453	0.0563	0.0921	0.0800	0.0489	0.0643
46	0.0748	0.2193	0.0922	0.0783	0.0810	0.0288	0.0581	0.1117	0.0478	0.0593	0.0971	0.0844	0.0516	0.0676
47	0.0799	0.2341	0.0983	0.0834	0.0861	0.0306	0.0616	0.1183	0.0506	0.0626	0.1024	0.0890	0.0544	0.0713
48	0.0855	0.2500	0.1050	0.0889	0.0917	0.0326	0.0654	0.1254	0.0535	0.0662	0.1081	0.0938	0.0574	0.0752
49	0.0915	0.2673	0.1121	0.0949	0.0978	0.0347	0.0696	0.1332	0.0567	0.0700	0.1142	0.0990	0.0605	0.0793
50	0.0981	0.2862	0.1199	0.1014	0.1044	0.0370	0.0741	0.1416	0.0603	0.0743	0.1209	0.1046	0.0638	0.0836
51	0.1054	0.3069	0.1283	0.1084	0.1115	0.0395	0.0790	0.1509	0.0641	0.0789	0.1282	0.1108	0.0675	0.0882
52	0.1133	0.3296	0.1376	0.1161	0.1192	0.0422	0.0844	0.1609	0.0683	0.0839	0.1361	0.1174	0.0714	0.0932
53	0.1219	0.3542	0.1478	0.1245	0.1277	0.0451	0.0901	0.1717	0.0728	0.0894	0.1447	0.1247	0.0757	0.0987
54	0.1312	0.3811	0.1588	0.1336	0.1369	0.0483	0.0963	0.1834	0.0777	0.0953	0.1542	0.1326	0.0804	0.1046
55	0.1414	0.4104	0.1709	0.1436	0.1470	0.0518	0.1032	0.1961	0.0830	0.1017	0.1645	0.1413	0.0855	0.1111
56	0.1525	0.4423	0.1840	0.1545	0.1580	0.0556	0.1106	0.2100	0.0888	0.1087	0.1755	0.1507	0.0911	0.1182
57	0.1644	0.4768	0.1983	0.1664	0.1700	0.0598	0.1188	0.2252	0.0950	0.1162	0.1875	0.1608	0.0972	0.1259
58	0.1774	0.5143	0.2138	0.1793	0.1831	0.0643	0.1277	0.2418	0.1019	0.1244	0.2005	0.1718	0.1037	0.1343
59	0.1914	0.5549	0.2306	0.1933	0.1973	0.0693	0.1374	0.2599	0.1094	0.1334	0.2146	0.1837	0.1108	0.1433
60	0.2065	0.5987	0.2488	0.2085	0.2127	0.0746	0.1479	0.2796	0.1176	0.1432	0.2302	0.1967	0.1184	0.1531

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 1989	Adjusted q(x) BY 1990	Adjusted q(x) BY 1991	Adjusted q(x) BY 1992	Adjusted q(x) BY 1993	Adjusted q(x) BY 1994	Adjusted q(x) BY 1995	Adjusted q(x) BY 1996	Adjusted q(x) BY 1997	Adjusted q(x) BY 1998	Adjusted q(x) BY 1999	Adjusted q(x) BY 2000	Adjusted q(x) BY 2001	Adjusted q(x) BY 2002
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
61	0.2227	0.6459	0.2685	0.2250	0.2294	0.0805	0.1594	0.3011	0.1265	0.1539	0.2471	0.2109	0.1268	0.1636
62	0.2401	0.6966	0.2896	0.2427	0.2475	0.0868	0.1718	0.3245	0.1363	0.1656	0.2656	0.2264	0.1360	0.1752
63	0.2585	0.7509	0.3124	0.2619	0.2670	0.0936	0.1854	0.3498	0.1468	0.1783	0.2858	0.2434	0.1460	0.1879
64	0.2778	0.8086	0.3367	0.2824	0.2881	0.1010	0.2000	0.3773	0.1583	0.1922	0.3078	0.2619	0.1569	0.2017
65	0.2978	0.8688	0.3626	0.3044	0.3107	0.1090	0.2158	0.4071	0.1708	0.2072	0.3316	0.2820	0.1688	0.2168
66	0.3186	0.9315	0.3896	0.3278	0.3349	0.1176	0.2328	0.4392	0.1842	0.2235	0.3576	0.3039	0.1818	0.2333
67	0.3401	0.9964	0.4177	0.3523	0.3606	0.1267	0.2510	0.4739	0.1988	0.2411	0.3857	0.3276	0.1959	0.2512
68	0.3627	1.0000	0.4468	0.3777	0.3875	0.1365	0.2706	0.5111	0.2145	0.2602	0.4161	0.3534	0.2112	0.2707
69	0.3759	1.0000	0.4770	0.4040	0.4154	0.1466	0.2914	0.5509	0.2313	0.2807	0.4489	0.3813	0.2278	0.2919
70	0.3759	1.0000	0.5086	0.4313	0.4444	0.1572	0.3131	0.5932	0.2493	0.3027	0.4843	0.4114	0.2458	0.3148
71	0.3759	1.0000	0.5272	0.4599	0.4745	0.1682	0.3357	0.6374	0.2685	0.3263	0.5224	0.4438	0.2652	0.3397
72	0.3759	1.0000	0.5272	0.4767	0.5059	0.1795	0.3591	0.6834	0.2885	0.3514	0.5630	0.4786	0.2861	0.3665
73	0.3759	1.0000	0.5272	0.4767	0.5244	0.1914	0.3834	0.7310	0.3093	0.3775	0.6063	0.5159	0.3086	0.3954
74	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4088	0.7805	0.3308	0.4048	0.6515	0.5556	0.3326	0.4264
75	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8322	0.3532	0.4330	0.6985	0.5970	0.3582	0.4596
76	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3766	0.4623	0.7472	0.6400	0.3849	0.4950
77	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.4929	0.7977	0.6846	0.4126	0.5318
78	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8506	0.7309	0.4414	0.5702
79	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.7794	0.4713	0.6099
80	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5025	0.6512
81	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.6944
82	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
83	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
84	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
85	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
86	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
87	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
88	0.3759	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
89	0.3797	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
90	0.3797	1.0000	0.5272	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
91	0.3797	1.0000	0.5326	0.4767	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
92	0.3797	1.0000	0.5326	0.4816	0.5244	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
93	0.3797	1.0000	0.5326	0.4816	0.5297	0.1984	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
94	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4237	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
95	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8626	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
96	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3904	0.5110	0.8817	0.8079	0.5209	0.7198
97	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5110	0.8817	0.8079	0.5209	0.7198
98	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8817	0.8079	0.5209	0.7198
99	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8079	0.5209	0.7198
100	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5209	0.7198
101	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7198
102	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
103	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
104	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
105	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
106	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
107	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
108	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
109	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
110	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
111	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
112	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
113	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
114	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
115	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
116	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
117	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
118	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
119	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270
120	0.3797	1.0000	0.5326	0.4816	0.5297	0.2004	0.4280	0.8714	0.3943	0.5161	0.8906	0.8161	0.5261	0.7270

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Sum of (a) Remaining Life Expectancy	Cumulative Paid (b) Loss & ALAE	Number of Years Since Date of Claim (c)	Average Annual Payment (3) / (4)	Indicated Birth Year Relativity Based on Average Annual Payment (d)	Remaining Life Expectancy X Annual Payment Relativity (e)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (7) / (2)	Current (f) Case O/S Loss & ALAE @ 3/31/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (9) / (2)	Average Annual Remaining Payment Relativity Based on Current Case O/S (g)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	81.07	4,447,142	89	50,002	0.653	54.46	0.672	11,206,388	138,231	0.949
1990	44.01	3,320,288	87	38,151	0.498	25.94	0.589	6,180,283	140,429	0.964
1991	95.53	9,912,957	111	89,524	1.169	112.79	1.181	16,676,668	174,570	1.198
1992	230.09	16,104,034	245	65,691	0.858	191.81	0.834	34,493,549	149,913	1.029
1993	198.76	17,830,530	204	87,246	1.140	141.53	0.712	26,563,561	133,646	0.917
1994	114.07	4,253,934	73	57,955	0.757	85.41	0.749	13,744,170	120,489	0.827
1995	142.61	11,189,004	120	93,358	1.219	167.72	1.176	22,192,215	155,615	1.068
1996	120.09	9,458,191	137	69,281	0.905	107.74	0.897	20,523,057	170,897	1.173
1997	244.88	11,902,738	169	70,293	0.918	175.16	0.715	31,087,189	126,949	0.871
1998	302.12	21,208,623	228	92,951	1.214	326.03	1.079	50,938,525	168,604	1.157
1999	62.48	4,858,423	57	84,774	1.107	69.22	1.108	13,639,810	218,307	1.498
2000	66.89	2,914,902	57	50,880	0.665	37.20	0.556	10,684,110	159,727	1.096
2001	114.36	6,956,678	67	103,522	1.352	148.42	1.298	21,508,993	188,081	1.291
2002	319.62	14,919,362	208	71,880	0.939	287.10	0.898	54,795,609	171,440	1.177
2003	53.85	4,585,108	45	101,194	1.322	72.59	1.348	11,587,958	215,190	1.477
2004	165.46	4,734,582	69	68,518	0.895	123.94	0.749	23,353,325	141,142	0.969
2005	183.39	7,283,896	94	77,127	1.007	113.82	0.621	26,440,197	144,175	0.989
2006	255.45	9,405,490	112	83,865	1.095	266.57	1.044	41,562,447	162,703	1.117
2007	146.03	10,497,070	82	128,216	1.675	236.60	1.620	28,771,805	197,027	1.352
2008	306.89	5,601,018	97	57,934	0.757	209.59	0.683	46,434,024	151,305	1.038
2009	328.64	7,543,716	100	75,460	0.986	317.49	0.966	54,386,421	165,489	1.136
2010	220.87	2,205,843	45	49,084	0.641	120.96	0.548	28,479,747	128,943	0.885
2011	326.64	4,775,213	78	60,908	0.796	244.48	0.748	46,418,226	142,108	0.975
2012	257.80	2,623,627	50	52,917	0.691	166.10	0.644	31,873,645	123,637	0.848
2013	172.53	4,634,399	46	101,431	1.325	202.31	1.173	25,540,746	148,037	1.016
2014	212.43	4,823,406	51	94,949	1.240	237.20	1.117	29,831,137	140,428	0.964
2015	394.15	3,688,472	44	83,924	1.096	409.00	1.038	53,788,620	136,467	0.937
2016	149.61	544,886	14	39,571	0.517	79.18	0.529	17,197,453	114,949	0.789
2017	220.80	1,229,239	18	69,449	0.907	211.54	0.958	22,868,476	103,571	0.711
2018	316.98	1,352,527	18	75,899	0.991	314.63	0.993	34,312,998	108,250	0.743
2019	205.00	1,242,224	7	180,294	2.355	505.07	2.464	24,938,288	121,650	0.835
2020										
2021										
Totals / Avg.	6,053.10	216,047,523	2,822	76,561				882,019,639	145,714	

Notes: (a) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (4).
(b) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (5).
(c) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (6).
(d) Based on column (5) divided by the average for all birth years.
(e) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (9).
(f) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (11).
(g) Based on column (10) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 3/31/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1989	13	7/24/1991	34.09	1,510,027	29.71	50,826	0.664	22.63		4,280,368	125,561	0.862
1989	16	8/19/1991	19.61	1,061,759	29.64	35,822	0.468	9.18		2,365,121	120,608	0.828
1989	17	9/6/1991	27.37	1,875,357	29.59	63,378	0.828	22.66		4,560,898	166,639	1.144
Subtotals / Avg. BY 1989:			81.07	4,447,142	88.94	50,002	0.653	54.46	0.672	11,206,388	138,231	0.949
1990	24	12/23/1991	18.87	1,640,529	29.29	56,010	0.732	13.80		3,221,247	170,707	1.172
1990	31	4/8/1992	16.74	1,536,854	29.00	52,995	0.692	11.59		2,629,045	157,052	1.078
1990	39	7/10/1992	8.40	142,905	28.74	4,972	0.065	0.55		329,991	39,285	0.270
Subtotals / Avg. BY 1990:			44.01	3,320,288	87.03	38,151	0.498	25.94	0.589	6,180,283	140,429	0.964
1991	28	3/5/1992	22.03	2,829,824	29.09	97,278	1.271	27.99		4,387,368	199,154	1.367
1991	75	9/22/1993	26.52	3,200,942	27.54	116,229	1.518	40.26		4,489,941	169,304	1.162
1991	76	10/6/1993	30.00	2,058,046	27.50	74,838	0.977	29.32		4,922,772	164,092	1.126
1991	112	9/1/1994	16.98	1,824,145	26.60	68,577	0.896	15.21		2,876,587	169,410	1.163
Subtotals / Avg. BY 1991:			95.53	9,912,957	110.73	89,524	1.169	112.79	1.181	16,676,668	174,570	1.198
1992	35	5/27/1992	43.30	923,297	28.86	31,992	0.418	18.09		4,924,747	113,735	0.781
1992	42	8/24/1992	17.46	2,342,168	28.62	81,837	1.069	18.66		3,028,307	173,443	1.190
1992	79	11/10/1993	23.58	2,666,353	27.41	97,277	1.271	29.96		4,207,576	178,438	1.225
1992	98	4/19/1994	27.33	1,997,958	26.97	74,081	0.968	26.44		4,709,847	172,332	1.183
1992	99	4/21/1994	31.98	1,196,120	26.96	44,366	0.579	18.53		3,840,342	120,086	0.824
1992	100	4/28/1994	16.84	417,618	26.94	15,502	0.202	3.41		2,246,883	133,425	0.916
1992	114	9/28/1994	25.46	3,339,723	26.52	125,932	1.645	41.88		4,224,733	165,936	1.139
1992	116	10/30/1994	19.60	1,730,798	26.44	65,461	0.855	16.76		3,644,751	185,957	1.276
1992	117	11/2/1994	24.54	1,489,998	26.43	56,375	0.736	18.07		3,666,364	149,404	1.025
Subtotals / Avg. BY 1992:			230.09	16,104,034	245.15	65,691	0.858	191.81	0.834	34,493,549	149,913	1.029
1993	86	1/24/1994	43.59	124,487	27.20	4,577	0.060	2.61		3,192,883	73,248	0.503
1993	140	2/27/1995	28.46	854,184	26.11	32,715	0.427	12.16		4,048,444	142,250	0.976
1993	152	4/5/1995	4.36	1,804,254	26.01	69,368	0.906	3.95		892,742	204,757	1.405
1993	158	5/10/1995	34.59	1,811,829	25.91	69,928	0.913	31.59		5,509,478	159,279	1.093
1993	162	6/7/1995	40.10	576,600	25.83	22,323	0.292	11.69		2,030,772	50,643	0.348
1993	177	9/6/1995	33.17	1,906,004	25.58	74,512	0.973	32.28		5,150,784	155,284	1.066
1993	185	11/28/1995	9.81	7,700,563	25.36	303,650	3.966	38.91		4,439,753	452,574	3.106
1993	277	11/23/1998	4.68	3,052,608	22.37	136,460	1.782	8.34		1,298,706	277,501	1.904
Subtotals / Avg. BY 1993:			198.76	17,830,530	204.37	87,246	1.140	141.53	0.712	26,563,561	133,646	0.917

Notes: (a) As provided by NICA management evaluated as of March 31, 2021.

(b) Number of years since date of claim as shown in column (3) to March 31, 2021.

(c) Based on column (7) divided by the average for all birth years.

(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 3/31/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1994	193	5/6/1996	34.39	1,430,259	24.92	57,394	0.750	25.78		4,773,156	138,795	0.953
1994	204	7/23/1996	41.59	521,394	24.70	21,109	0.276	11.47		2,486,624	59,789	0.410
1994	233	6/27/1997	38.09	2,302,280	23.78	96,816	1.265	48.17		6,484,391	170,239	1.168
Subtotals / Avg. BY 1994:			114.07	4,253,934	73.40	57,955	0.757	85.41	0.749	13,744,170	120,489	0.827
1995	210	9/23/1996	25.62	3,584,339	24.53	146,121	1.909	48.90		4,857,065	189,581	1.301
1995	219	2/6/1997	34.45	1,435,578	24.16	59,420	0.776	26.74		5,742,239	166,683	1.144
1995	225	3/30/1997	13.64	2,194,793	24.02	91,374	1.193	16.28		2,356,201	172,742	1.185
1995	231	6/9/1997	34.45	2,170,424	23.82	91,118	1.190	41.00		4,773,343	138,559	0.951
1995	245	12/12/1997	34.45	1,803,870	23.32	77,353	1.010	34.81		4,463,367	129,561	0.889
Subtotals / Avg. BY 1995:			142.61	11,189,004	119.85	93,358	1.219	167.72	1.176	22,192,215	155,615	1.068
1996	207	9/9/1996	34.50	1,453,379	24.57	59,153	0.773	26.66		6,714,486	194,623	1.336
1996	220	2/17/1997	32.13	2,071,903	24.13	85,864	1.122	36.03		5,057,341	157,402	1.080
1996	242	10/26/1997	14.17	2,853,104	23.44	121,719	1.590	22.53		2,843,288	200,655	1.377
1996	253	5/6/1998	4.52	436,461	22.92	19,043	0.249	1.12		740,232	163,768	1.124
1996	335	3/20/2000	8.85	2,022,841	21.04	96,143	1.256	11.11		1,557,870	176,031	1.208
1996	361	11/1/2000	25.92	620,502	20.42	30,387	0.397	10.29		3,609,841	139,269	0.956
Subtotals / Avg. BY 1996:			120.09	9,458,191	136.52	69,281	0.905	107.74	0.897	20,523,057	170,897	1.173
1997	252	5/1/1998	38.15	1,035,798	22.93	45,172	0.590	22.51		3,809,132	99,846	0.685
1997	260	7/13/1998	43.83	139,200	22.73	6,124	0.080	3.51		1,291,479	29,466	0.202
1997	263	9/2/1998	34.55	913,813	22.59	40,452	0.528	18.26		5,190,763	150,239	1.031
1997	276	11/13/1998	14.74	4,940,117	22.39	220,639	2.882	42.48		3,324,799	225,563	1.548
1997	297	6/10/1999	25.97	1,601,770	21.82	73,408	0.959	24.90		4,595,299	176,946	1.214
1997	402	10/4/2001	34.83	1,655,598	19.50	84,902	1.109	38.62		5,958,742	171,081	1.174
1997	431	7/11/2002	18.26	1,241,195	18.73	66,268	0.866	15.81		3,015,537	165,144	1.133
1997	433	8/15/2002	34.55	375,247	18.64	20,131	0.263	9.08		3,901,438	112,921	0.775
Subtotals / Avg. BY 1997:			244.88	11,902,738	169.33	70,293	0.918	175.16	0.715	31,087,189	126,949	0.871
1998	275	11/5/1998	17.03	1,795,488	22.42	80,084	1.046	17.81		2,444,622	143,548	0.985
1998	281	1/13/1999	34.88	2,408,337	22.23	108,337	1.415	49.36		7,440,969	213,331	1.464
1998	286	3/8/1999	37.03	1,008,506	22.08	45,675	0.597	22.09		5,240,715	141,526	0.971
1998	294	5/19/1999	40.31	2,385,779	21.88	109,039	1.424	57.41		7,148,002	177,326	1.217
1998	296	7/2/2003	34.88	122,925	17.76	6,921	0.090	3.15		3,669,387	105,200	0.722
1998	301	6/15/1999	34.88	1,469,573	21.81	67,381	0.880	30.70		5,245,321	150,382	1.032
1998	330	2/8/2000	8.42	4,311,263	21.16	203,746	2.661	22.41		2,422,382	287,694	1.974
1998	368	1/19/2001	34.59	1,404,668	20.21	69,504	0.908	31.40		4,622,290	133,631	0.917
1998	390	6/14/2001	26.02	2,503,119	19.81	126,356	1.650	42.94		5,164,122	198,467	1.362
1998	403	10/12/2001	29.51	2,217,073	19.48	113,813	1.487	43.87		6,598,792	223,612	1.535
1998	411	12/5/2001	4.57	1,581,891	19.33	81,836	1.069	4.88		941,924	206,110	1.414
Subtotals / Avg. BY 1998:			302.12	21,208,623	228.17	92,951	1.214	326.03	1.079	50,938,525	168,604	1.157

Notes: (a) As provided by NICA management evaluated as of March 31, 2021.

(b) Number of years since date of claim as shown in column (3) to March 31, 2021.

(c) Based on column (7) divided by the average for all birth years.

(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 3/31/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1999	334	3/14/2000	25.77	1,970,016	21.06	93,543	1.222	31.49		6,053,976	234,923	1.612
1999	432	7/26/2002	17.05	1,663,813	18.69	89,022	1.163	19.83		4,197,293	246,176	1.689
1999	479	9/12/2003	19.66	1,224,594	17.56	69,738	0.911	17.91		3,388,541	172,357	1.183
Subtotals / Avg. BY 1999:			62.48	4,858,423	57.31	84,774	1.107	69.22	1.108	13,639,810	218,307	1.498
2000	383	4/19/2001	9.81	1,407,507	19.96	70,516	0.921	9.04		1,617,016	164,833	1.131
2000	423	5/22/2002	43.70	668,585	18.87	35,431	0.463	20.22		7,033,405	160,947	1.105
2000	440	10/18/2002	13.38	838,810	18.46	45,439	0.594	7.94		2,033,689	151,995	1.043
Subtotals / Avg. BY 2000:			66.89	2,914,902	57.29	50,880	0.665	37.20	0.556	10,684,110	159,727	1.096
2001	446	12/9/2002	18.46	2,141,440	18.32	116,891	1.527	28.18		4,530,187	245,406	1.684
2001	461	4/2/2003	34.71	1,090,922	18.01	60,573	0.791	27.46		5,596,415	161,234	1.107
2001	549	6/20/2005	35.04	1,328,404	15.79	84,129	1.099	38.50		5,647,469	161,172	1.106
2001	566	3/6/2006	26.15	2,395,912	15.08	158,880	2.075	54.27		5,734,922	219,309	1.505
Subtotals / Avg. BY 2001:			114.36	6,956,678	67.20	103,522	1.352	148.42	1.298	21,508,993	188,081	1.291
2002	445	11/21/2002	9.52	1,116,215	18.37	60,763	0.794	7.56		1,536,410	161,388	1.108
2002	467	5/27/2003	14.73	2,926,170	17.86	163,839	2.140	31.52		4,926,718	334,468	2.295
2002	468	6/12/2003	19.68	1,140,375	17.81	64,030	0.836	16.46		2,205,288	112,057	0.769
2002	498	3/12/2004	23.12	1,876,119	17.06	109,972	1.436	33.21		3,901,031	168,730	1.158
2002	504	4/22/2004	34.75	1,573,339	16.95	92,822	1.212	42.13		6,928,281	199,375	1.368
2002	522	10/22/2004	17.68	622,737	16.45	37,856	0.494	8.74		3,476,439	196,631	1.349
2002	534	1/27/2005	25.86	1,105,219	16.18	68,308	0.892	23.07		6,300,837	243,652	1.672
2002	538	3/15/2005	26.19	1,169,174	16.05	72,846	0.951	24.92		4,346,023	165,942	1.139
2002	552	9/16/2005	8.64	114,966	15.55	7,393	0.097	0.83		299,991	34,721	0.238
2002	598	3/21/2007	45.32	877,939	14.04	62,531	0.817	37.02		5,063,602	111,730	0.767
2002	605	5/14/2007	22.43	960,227	13.89	69,131	0.903	20.25		5,533,924	246,720	1.693
2002	611	7/5/2007	27.60	1,206,955	13.75	87,779	1.147	31.64		4,785,147	173,375	1.190
2002	617	8/27/2007	44.10	229,928	13.60	16,906	0.221	9.74		5,491,917	124,533	0.855
Subtotals / Avg. BY 2002:			319.62	14,919,362	207.56	71,880	0.939	287.10	0.898	54,795,609	171,440	1.177
2003	551	7/29/2005	17.10	747,524	15.68	47,674	0.623	10.65		3,715,964	217,308	1.491
2003	562	1/25/2006	19.65	1,807,651	15.19	119,003	1.554	30.54		3,760,708	191,385	1.313
2003	583	10/25/2006	17.10	2,029,933	14.44	140,577	1.836	31.40		4,111,286	240,426	1.650
Subtotals / Avg. BY 2003:			53.85	4,585,108	45.31	101,194	1.322	72.59	1.348	11,587,958	215,190	1.477

Notes: (a) As provided by NICA management evaluated as of March 31, 2021.

(b) Number of years since date of claim as shown in column (3) to March 31, 2021.

(c) Based on column (7) divided by the average for all birth years.

(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 3/31/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2004	525	1/29/2007	34.83	634,051	14.18	44,714	0.584	20.34		4,441,164	127,510	0.875
2004	555	11/14/2005	18.97	1,913,814	15.39	124,354	1.624	30.81		4,254,346	224,267	1.539
2004	560	12/19/2005	34.44	1,236,583	15.29	80,875	1.056	36.38		3,065,550	89,011	0.611
2004	665	2/13/2009	43.87	197,839	12.13	16,310	0.213	9.35		3,807,871	86,799	0.596
2004	666	2/23/2009	33.35	752,296	12.11	62,122	0.811	27.06		7,784,393	233,415	1.602
Subtotals / Avg. BY 2004:			165.46	4,734,582	69.10	68,518	0.895	123.94	0.749	23,353,325	141,142	0.969
2005	569	3/14/2006	35.24	734,540	15.06	48,774	0.637	22.45		4,971,036	141,062	0.968
2005	588	12/4/2006	33.36	962,082	14.33	67,138	0.877	29.25		6,710,407	201,151	1.380
2005	592	1/26/2007	43.92	562,417	14.19	39,635	0.518	22.74		4,791,141	109,088	0.749
2005	619	9/28/2007	4.58	2,323,320	13.52	171,843	2.245	10.28		1,113,479	243,118	1.668
2005	632	2/6/2008	13.69	1,152,737	13.16	87,594	1.144	15.66		2,588,424	189,074	1.298
2005	649	8/26/2008	47.86	116,478	12.60	9,244	0.121	5.78		4,073,336	85,109	0.584
2005	687	9/4/2009	4.74	1,432,323	11.58	123,689	1.616	7.66		2,192,373	462,526	3.174
Subtotals / Avg. BY 2005:			183.39	7,283,896	94.44	77,127	1.007	113.82	0.621	26,440,197	144,175	0.989
2006	587	11/27/2006	14.73	1,129,933	14.35	78,741	1.028	15.15		3,024,463	205,327	1.409
2006	606	5/29/2007	19.69	1,159,091	13.85	83,689	1.093	21.52		3,531,223	179,341	1.231
2006	646	8/20/2008	43.97	865,586	12.62	68,588	0.896	39.39		6,294,721	143,159	0.982
2006	648	8/26/2008	26.01	3,475,607	12.60	275,842	3.603	93.71		8,551,036	328,760	2.256
2006	651	9/26/2008	46.52	1,016,758	12.52	81,211	1.061	49.35		5,566,391	119,656	0.821
2006	661	12/23/2008	14.20	471,847	12.28	38,424	0.502	7.13		2,242,713	157,938	1.084
2006	664	1/26/2009	20.00	447,011	12.18	36,700	0.479	9.59		3,155,201	157,760	1.083
2006	694	10/28/2009	26.36	626,339	11.43	54,798	0.716	18.87		4,096,660	155,412	1.067
2006	739	12/9/2010	43.97	213,320	10.32	20,671	0.270	11.87		5,100,037	115,989	0.796
Subtotals / Avg. BY 2006:			255.45	9,405,490	112.15	83,865	1.095	266.57	1.044	41,562,447	162,703	1.117
2007	644	7/10/2008	9.43	2,096,201	12.73	164,666	2.151	20.28		2,151,975	228,205	1.566
2007	655	10/14/2008	9.84	986,623	12.47	79,120	1.033	10.17		1,398,858	142,160	0.976
2007	667	2/24/2009	23.90	1,183,457	12.10	97,806	1.278	30.53		4,555,123	190,591	1.308
2007	672	4/10/2009	44.37	1,638,286	11.98	136,752	1.786	79.25		8,938,569	201,455	1.383
2007	679	7/30/2009	13.72	2,570,805	11.68	220,103	2.875	39.44		3,520,666	256,608	1.761
2007	708	2/23/2010	9.43	1,063,696	11.11	95,742	1.251	11.79		1,708,187	181,144	1.243
2007	757	6/15/2011	35.34	958,002	9.80	97,755	1.277	45.12		6,498,427	183,883	1.262
Subtotals / Avg. BY 2007:			146.03	10,497,070	81.87	128,216	1.675	236.60	1.620	28,771,805	197,027	1.352

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(c) Based on column (7) divided by the average for all birth years.

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(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S @ 3/31/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f) (13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2008	663	1/21/2009	23.79	107,927	12.20	8,846	0.116	2.75		299,992	12,610	0.087
2008	671	4/3/2009	35.40	911,735	12.00	75,978	0.992	35.13		4,644,623	131,204	0.900
2008	684	8/19/2009	26.46	1,383,055	11.62	119,024	1.555	41.14		4,485,300	169,512	1.163
2008	705	2/8/2010	46.58	134,076	11.15	12,025	0.157	7.32		4,907,175	105,349	0.723
2008	710	2/23/2010	46.58	212,800	11.11	19,154	0.250	11.65		4,787,700	102,784	0.705
2008	718	6/1/2010	26.11	1,712,142	10.84	157,947	2.063	53.87		6,995,614	267,929	1.839
2008	732	10/5/2010	44.08	434,682	10.49	41,438	0.541	23.86		9,417,377	213,643	1.466
2008	771	8/30/2011	19.66	312,024	9.59	32,536	0.425	8.35		4,600,952	234,026	1.606
2008	848	7/29/2013	38.23	392,577	7.68	51,117	0.668	25.52		6,295,292	164,669	1.130
Subtotals / Avg. BY 2008:			306.89	5,601,018	96.68	57,934	0.757	209.59	0.683	46,434,024	151,305	1.038
2009	680	8/3/2009	43.20	886,036	11.67	75,924	0.992	42.84		6,699,258	155,075	1.064
2009	715	4/29/2010	26.95	992,440	10.93	90,800	1.186	31.96		5,514,805	204,631	1.404
2009	716	5/3/2010	52.79	655,910	10.92	60,065	0.785	41.42		6,664,792	126,251	0.866
2009	721	6/14/2010	19.13	812,001	10.80	75,185	0.982	18.79		3,775,610	197,366	1.354
2009	731	9/17/2010	26.95	476,684	10.54	45,226	0.591	15.92		5,620,907	208,568	1.431
2009	744	2/16/2011	28.61	738,525	10.13	72,905	0.952	27.24		6,168,682	215,613	1.480
2009	772	9/6/2011	29.57	714,593	9.57	74,670	0.975	28.84		5,752,348	194,533	1.335
2009	773	9/6/2011	45.62	112,538	9.57	11,759	0.154	7.01		4,199,382	92,051	0.632
2009	800	6/27/2012	27.21	841,162	8.76	96,023	1.254	34.13		5,019,501	184,473	1.266
2009	883	3/3/2014	28.61	1,313,827	7.08	185,569	2.424	69.35		4,971,136	173,755	1.192
Subtotals / Avg. BY 2009:			328.64	7,543,716	99.97	75,460	0.986	317.49	0.966	54,386,421	165,489	1.136
2010	750	3/30/2011	32.68	1,040,899	10.01	103,986	1.358	44.39		7,470,058	228,582	1.569
2010	754	5/23/2011	54.30	329,998	9.86	33,468	0.437	23.74		5,864,722	108,006	0.741
2010	807	9/26/2012	45.40	127,382	8.52	14,951	0.195	8.87		4,554,240	100,314	0.688
2010	822	12/18/2012	36.90	586,588	8.29	70,759	0.924	34.10		5,695,849	154,359	1.059
2010	824	12/28/2012	51.59	120,977	8.26	14,646	0.191	9.87		4,894,877	94,880	0.651
Subtotals / Avg. BY 2010:			220.87	2,205,843	44.94	49,084	0.641	120.96	0.548	28,479,747	128,943	0.885
2011	777	9/30/2011	28.18	869,615	9.51	91,442	1.194	33.66		5,241,379	185,996	1.276
2011	784	2/2/2012	27.47	347,248	9.16	37,909	0.495	13.60		4,882,150	177,727	1.220
2011	808	10/9/2012	27.75	975,845	8.48	115,076	1.503	41.71		5,548,597	199,949	1.372
2011	811	10/17/2012	46.68	514,759	8.46	60,846	0.795	37.10		7,848,466	168,133	1.154
2011	812	10/17/2012	36.54	384,652	8.46	45,467	0.594	21.70		5,873,583	160,744	1.103
2011	816	11/15/2012	10.00	396,387	8.38	47,302	0.618	6.18		1,087,660	108,766	0.746
2011	887	3/26/2014	46.68	427,674	7.02	60,922	0.796	37.15		4,943,086	105,893	0.727
2011	898	6/6/2014	46.68	343,559	6.82	50,375	0.658	30.71		5,666,328	121,387	0.833
2011	927	12/29/2014	47.32	153,091	6.26	24,455	0.319	15.12		3,600,278	76,084	0.522
2011	952	5/28/2015	9.34	362,384	5.85	61,946	0.809	7.56		1,726,698	184,871	1.269
Subtotals / Avg. BY 2011:			326.64	4,775,213	78.40	60,908	0.796	244.48	0.748	46,418,226	142,108	0.975

Notes: (a) As provided by NICA management evaluated as of March 31, 2021.

(b) Number of years since date of claim as shown in column (3) to March 31, 2021.

(c) Based on column (7) divided by the average for all birth years.

(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 3/31/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2012	802	8/29/2012	37.21	687,060	8.59	79,984	1.045	38.87		7,442,159	200,004	1.373
2012	803	8/29/2012	14.75	624,783	8.59	72,734	0.950	14.01		1,460,295	99,003	0.679
2012	875	1/9/2014	46.37	139,827	7.23	19,340	0.253	11.71		3,391,091	73,131	0.502
2012	896	5/7/2014	52.95	152,846	6.90	22,152	0.289	15.32		4,841,394	91,433	0.627
2012	938	2/24/2015	49.32	534,849	6.10	87,680	1.145	56.48		5,108,854	103,586	0.711
2012	939	2/25/2015	28.79	177,682	6.10	29,128	0.380	10.95		4,871,573	169,211	1.161
2012	942	3/9/2015	28.41	306,578	6.07	50,507	0.660	18.74		4,758,281	167,486	1.149
Subtotals / Avg. BY 2012:			257.80	2,623,627	49.58	52,917	0.691	166.10	0.644	31,873,645	123,637	0.848
2013	830	2/24/2013	9.59	886,211	8.10	109,409	1.429	13.70		1,678,733	175,050	1.201
2013	856	9/6/2013	24.62	537,390	7.57	70,989	0.927	22.83		4,701,658	190,969	1.311
2013	888	4/10/2014	28.33	512,103	6.98	73,367	0.958	27.15		3,910,456	138,032	0.947
2013	934	1/27/2015	23.70	869,025	6.18	140,619	1.837	43.53		3,929,455	165,800	1.138
2013	935	2/6/2015	19.19	760,416	6.15	123,645	1.615	30.99		3,609,844	188,111	1.291
2013	947	4/29/2015	19.09	854,478	5.93	144,094	1.882	35.93		2,970,907	155,626	1.068
2013	987	6/22/2016	48.01	214,776	4.78	44,932	0.587	28.18		4,739,693	98,723	0.678
Subtotals / Avg. BY 2013:			172.53	4,634,399	45.69	101,431	1.325	202.31	1.173	25,540,746	148,037	1.016
2014	908	7/30/2014	14.76	1,105,475	6.67	165,738	2.165	31.95		3,035,421	205,652	1.411
2014	913	8/20/2014	29.15	350,734	6.62	52,981	0.692	20.17		3,218,523	110,412	0.758
2014	931	1/20/2015	14.32	702,911	6.20	113,373	1.481	21.21		2,225,759	155,430	1.067
2014	949	5/1/2015	19.46	324,728	5.92	54,853	0.716	13.94		1,602,830	82,365	0.565
2014	955	6/26/2015	19.69	890,529	5.77	154,338	2.016	39.69		4,268,737	216,797	1.488
2014	970	1/8/2016	28.77	581,655	5.23	111,215	1.453	41.79		4,096,835	142,400	0.977
2014	978	3/14/2016	38.37	137,072	5.05	27,143	0.355	13.60		4,672,037	121,763	0.836
2014	992	7/11/2016	28.71	603,707	4.72	127,904	1.671	47.96		4,591,620	159,931	1.098
2014	998	8/19/2016	19.20	126,594	4.62	27,401	0.358	6.87		2,119,376	110,384	0.758
Subtotals / Avg. BY 2014:			212.43	4,823,406	50.80	94,949	1.240	237.20	1.117	29,831,137	140,428	0.964
2015	972	2/12/2016	38.88	277,504	5.13	54,094	0.707	27.47		7,504,449	193,016	1.325
2015	981	4/29/2016	20.52	784,045	4.92	159,359	2.081	42.71		3,524,310	171,750	1.179
2015	1000	8/30/2016	10.00	352,733	4.59	76,848	1.004	10.04		2,147,517	214,752	1.474
2015	1030	5/9/2017	49.37	128,155	3.90	32,860	0.429	21.19		5,750,576	116,479	0.799
2015	1032	6/15/2017	38.98	122,216	3.79	32,247	0.421	16.42		4,565,343	117,120	0.804
2015	1035	6/21/2017	9.84	181,939	3.78	48,132	0.629	6.19		1,370,873	139,316	0.956
2015	1042	7/31/2017	39.44	275,985	3.67	75,200	0.982	38.74		6,105,284	154,799	1.062
2015	1062	12/4/2017	38.98	232,514	3.32	70,034	0.915	35.66		3,817,017	97,922	0.672
2015	1070	2/27/2018	29.14	815,904	3.09	264,047	3.449	100.50		5,019,480	172,254	1.182
2015	1077	5/14/2018	29.14	246,941	2.88	85,743	1.120	32.63		2,972,310	102,001	0.700
2015	1124	4/18/2019	9.86	46,043	1.95	23,612	0.308	3.04		2,216,620	224,809	1.543
2015	1128	5/31/2019	30.00	155,606	1.84	84,568	1.105	33.14		3,120,674	104,022	0.714
2015	1171	2/27/2020	50.00	68,888	1.09	63,200	0.825	41.27		5,674,166	113,483	0.779
Subtotals / Avg. BY 2015:			394.15	3,688,472	43.95	83,924	1.096	409.00	1.038	53,788,620	136,467	0.937

Notes: (a) As provided by NICA management evaluated as of March 31, 2021.

(b) Number of years since date of claim as shown in column (3) to March 31, 2021.

(c) Based on column (7) divided by the average for all birth years.

(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 3/31/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2016	1038	7/21/2017	20.00	274,019	3.70	74,059	0.967	19.35		2,022,186	101,109	0.694
2016	1055	10/13/2017	30.00	26,175	3.47	7,543	0.099	2.96		3,023,966	100,799	0.692
2016	1079	6/8/2018	29.61	114,721	2.81	40,826	0.533	15.79		3,079,226	103,993	0.714
2016	1125	4/17/2019	50.00	118,298	1.96	60,356	0.788	39.42		6,905,679	138,114	0.948
2016	1129	6/3/2019	20.00	11,673	1.83	6,379	0.083	1.67		2,166,396	108,320	0.743
Subtotals / Avg. BY 2016:			149.61	544,886	13.77	39,571	0.517	79.18	0.529	17,197,453	114,949	0.789
2017	1065	1/23/2018	20.29	108,638	3.19	34,056	0.445	9.03		1,941,935	95,709	0.657
2017	1094	9/12/2018	30.11	169,230	2.55	66,365	0.867	26.10		2,850,584	94,672	0.650
2017	1097	9/25/2018	15.00	300,028	2.52	119,059	1.555	23.33		3,197,729	213,182	1.463
2017	1102	11/19/2018	20.34	116,529	2.36	49,377	0.645	13.12		1,920,669	94,428	0.648
2017	1111	12/26/2018	50.00	113,947	2.26	50,419	0.659	32.93		3,699,257	73,985	0.508
2017	1117	2/14/2019	30.06	238,768	2.13	112,098	1.464	44.01		4,257,831	141,644	0.972
2017	1151	11/7/2019	40.00	159,851	1.40	114,179	1.491	59.65		3,507,221	87,681	0.602
2017	1162	12/16/2019	15.00	22,248	1.29	17,247	0.225	3.38		1,493,250	99,550	0.683
Subtotals / Avg. BY 2017:			220.80	1,229,239	17.70	69,449	0.907	211.54	0.958	22,868,476	103,571	0.711
2018	1096	9/21/2018	20.75	253,785	2.53	100,310	1.310	27.19		2,452,163	118,177	0.811
2018	1104	12/10/2018	30.48	147,828	2.31	63,995	0.836	25.48		3,694,113	121,198	0.832
2018	1109	12/13/2018	50.00	157,671	2.30	68,552	0.895	44.77		5,831,576	116,632	0.800
2018	1113	1/28/2019	20.75	107,187	2.17	49,395	0.645	13.39		1,915,566	92,316	0.634
2018	1122	4/1/2019	30.00	117,996	2.00	58,998	0.771	23.12		3,131,634	104,388	0.716
2018	1136	8/23/2019	40.00	16,735	1.61	10,395	0.136	5.43		3,184,881	79,622	0.546
2018	1153	11/8/2019	20.00	154,647	1.39	111,257	1.453	29.06		1,965,384	98,269	0.674
2018	1157	11/12/2019	40.00	117,091	1.38	84,849	1.108	44.33		4,195,437	104,886	0.720
2018	1160	12/13/2019	25.00	195,952	1.30	150,733	1.969	49.22		4,267,900	170,716	1.172
2018	1185	6/1/2020	40.00	83,635	0.83	100,765	1.316	52.65		3,674,344	91,859	0.630
Subtotals / Avg. BY 2018:			316.98	1,352,527	17.82	75,899	0.991	314.63	0.993	34,312,998	108,250	0.743
2019	1152	11/12/2019	50.00	218,835	1.38	158,576	2.071	103.56		5,985,953	119,719	0.822
2019	1158	11/12/2019	40.00	229,972	1.38	166,646	2.177	87.07		3,693,680	92,342	0.634
2019	1161	12/13/2019	25.00	168,541	1.30	129,647	1.693	42.33		2,218,425	88,737	0.609
2019	1166	1/24/2020	30.00	103,124	1.18	87,393	1.141	34.24		4,300,211	143,340	0.984
2019	1178	4/20/2020	30.00	367,990	0.95	387,358	5.059	151.78		5,887,288	196,243	1.347
2019	1190	7/20/2020	30.00	153,763	0.70	219,662	2.869	86.07		2,852,730	95,091	0.653
Subtotals / Avg. BY 2019:			205.00	1,242,224	6.89	180,294	2.355	505.07	2.464	24,938,288	121,650	0.835
Totals / Averages:			6,053.10	216,047,523	2,821.91	76,561				882,019,639	145,714	

Notes: (a) As provided by NICA management evaluated as of March 31, 2021.

(b) Number of years since date of claim as shown in column (3) to March 31, 2021.

(c) Based on column (7) divided by the average for all birth years.

(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

A. Adjustment for Life Expectancy (a) **1.235**

Birth Year	Accepted Claim Counts AAA with life expectancy			Average Life Expectancy				After (a) Adjustment Selected Remaining Life Expectancy (8) x A
	Reported Counts (b)	Ultimate Counts (c)	IBNR (3) - (2)	Actual Birth Year	All Birth Years	Indicated (d)	Selected (e)	
						Average Life Expectancy	Average Life Expectancy	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989				27.02			27.02	33.37
1990				14.67			14.67	18.12
1991				23.88			23.88	29.49
1992				25.57			25.57	31.58
1993				24.85			24.85	30.69
1994				38.02			38.02	46.95
1995				28.52			28.52	35.22
1996				20.02			20.02	24.72
1997				30.61			30.61	37.80
1998				27.47			27.47	33.93
1999				20.83			20.83	25.73
2000				22.30			22.30	27.54
2001				28.59			28.59	35.31
2002				24.59			24.59	30.37
2003				17.95			17.95	22.17
2004				33.09			33.09	40.87
2005				26.20			26.20	32.36
2006				28.38			28.38	35.05
2007				20.86			20.86	25.76
2008				34.10			34.10	42.11
2009				32.86			32.86	40.58
2010				44.17			44.17	54.55
2011				32.66			32.66	40.34
2012				36.83			36.83	45.49
2013				24.65			24.65	30.44
2014				23.60			23.60	29.15
2015				30.32			30.32	37.45
2016	5	6	1	29.92	28.42	29.67	30.00	37.05
2017	8	14	6	27.60	28.42	27.95	28.00	34.58
2018	10	18	8	31.70	28.42	30.24	31.00	38.29
2019	6	15	9	34.17	28.42	30.72	31.00	38.29
2020	-	13	13	-	28.42	28.42	29.00	35.82
2021	-	4	4	-	28.42	28.42	29.00	35.82

Notes: (a) Final selected remaining life expectancy estimated to include consideration of increased life expectancy over time by 0.2 per year.
(b) Based on AAA claims with life expectancy.
(c) See Exhibit X, Sheet 1a, Column (10) minus Column (3).
(d) Based on the formula: $\{[(5) \times (2)] + [(6) \times (4)]\} / (3)$.
(e) For birth years 2015 and prior, it is based on actual average remaining life expectancy by birth year as shown in column (5). For birth years 2016 and subsequent, see column (7).

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of March 31, 2021

I. Additional Parental Award - All Open Accepted and Unreported (a)	38,550,000
II. Death Benefit Increase - All NICA Accepted + Unreported (a)	12,411,661
III. Housing Assistance Up to \$ 100,000 for Life of Child - Applied to Open Accepted and Unreported (a)	19,374,266
IV. Mental Health \$10,000 Per Family (b)	18,847,614
V. Transportation (b)	35,997,787
Subtotals: Items I. to V.	125,181,329

Notes: (a) See Appendix F, Exhibit II, Sheet 1.
(b) See Appendix F, Exhibit II, Sheet 2.

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of March 31, 2021

I. Additional Parental Award - All Open Accepted and Unreported

1. Open Accepted and Unreported Claims (a)	257
2. Additional Parental Award (b)	150,000
3. Additional Amount Over Current NICA Reserve = (1) X (2)	38,550,000

II. Burial Award Increase - All NICA Accepted + Unreported

1. Open Accepted and Unreported Claims (a)	257
2. Accepted and Deceased - Deceased 2004 & After	110
3. Accepted and Deceased - Deceased 2003 & Prior	103
4. Additional Burial Award (Revised \$ 50,000 Minus Current \$ 10,000) - Deceased 2004 & After	40,000
5. Additional Burial Award - \$ 50,000 - Deceased 2003 & Prior	50,000
6. Discount Factor (5 %) Applied to Open Accepted and Unreported Claims (c)	0.2784
7. Indicated Additional Reserve - Present Value {(1) X (4) X (6)} + {(2) X (4)} + {(3) X (5)}	12,411,661

III. Housing Assistance Up to \$ 100,000 for Life of Child - Applied to Open Accepted and Unreported

1. Open Accepted and Unreported Claims	257
2. Maximum Housing Assistance - Per Open Claimant	100,000
3. Total Housing Assistance Expense on Open and Unreported = (1) X (2)	25,700,000
4. Current NICA Incurred for Open Claimants with Worksheets	6,325,734
5. Additional NICA Reserve - Portion Not Recorded = (3) - (4)	19,374,266

Notes: (a) Based on reported accepted claims (alive) and estimated unreported as of March 31, 2021

(b) Incremental increase in Parental award from \$ 100,000 to \$ 250,000.

(c) Estimated average discounted value for current alive claimants. Based on estimated remaining life expectancy for current NICA claimants - (reported and unreported).

IV. Mental Health Benefit \$10,000 Per Family

1. Total Life Expectancy - All Open Accepted With Worksheets (a)	6,053.10
2. Estimated Mortality Development - Longitudinal vs. Cross Sectional (b)	1.235
3. Estimated Life Expectancy on All Open Accepted Claims - After Adjustment = (1) X (2)	7,475.58
4. Number of Open Claims With Worksheets (a)	213
5. Indicated Average Remaining Life Expectancy - All Birth Years	35.10
6. Estimated Unreported (AAA) Claims + AAA Reported Without Worksheets	43
7. Estimated Remaining LE on Unreported Claims & Without Worksheets	1,509.15
8. Total Remaining Life Expectancy - Open + Unreported	8,984.73
9. Benefit per Family Per Year -Maximum - Before Inflation	10,000
10. Assumed Percent Used	0.50
11. Total Indicated O/S - Before Inflation / Discount = (8) X (9) X (10)	44,923,664
12. Discount Factors	
A. Assuming Benefit Amount Inflates at 3.5% and Discount of 5.0 % per Annum (c)	0.73156
B. Assuming Benefit Amount is Fixed and Discounted at 5 % (c)	0.41955
13. Discounted Value of Additional Benefit	
A. Assuming Benefit Amount Inflates at 3.5% and Discount of 5.0 % per Annum = (11) X (12A)	32,864,566
B. Assuming Benefit Amount is Fixed and Discounted at 5 % = (11) X (12B)	18,847,614

V. Transportation

1. Assumed Vehicle Cost (Current) Every Seven Years - Current Cost	50,000
2. Assumed Vehicle Cost (Current) - Annualized = V.1. / 7	7,143
3. Annual Maintenance Cost - Gas Insurance Etc.	3,500
4. Annual Vehicle Cost - Including Maintenance = (2) + (3)	10,643
5. Total Life Expectancy - Open Accepted & Unreported	8,984.73
6. Indicated (Current) Total Vehicle Cost = (4) X (5)	95,623,228
7. Current Case Reserves included in Reserve Worksheets	46,416,660
8. Additional Current Cost Reserves = (6) - (7)	49,206,568
9. Inflation / Discount Factors - Average All BY's (c)	0.73156
10. Additional Amount Over Current NICA Reserve Estimate = (8) X (9)	35,997,787

Notes: (a) Based on individual claimant worksheets as of March 31, 2021

(b) Based on the review of NICA mortality information and an assumed improvement in overall NICA average life expectancy of .20 years per year. Overall average mortality has improved at the rate of 30 years of .30 years per year on average over the latest 100 years.

(c) See Appendix F, Exhibit III, Sheet 2b.

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of March 31, 2021

Estimated Deceased By Year - Based on Open Claims as of March 31, 2021

Fiscal Year	Expected (a) Number Deceased by Period	Estimated Time of Payment (Years)	Discount Factor 5.00%	Discounted Value of # Deceased (2) x (4)
(1)	(2)	(3)	(4)	(5)
4/1/2021 - 3/31/2022	2.8131	0.375	0.9819	2.7621
4/1/2022 - 3/31/2023	3.0336	1.250	0.9408	2.8541
4/1/2023 - 3/31/2024	3.2643	2.250	0.8960	2.9249
4/1/2024 - 3/31/2025	3.4495	3.250	0.8534	2.9437
4/1/2025 - 3/31/2026	3.5583	4.250	0.8127	2.8919
4/1/2026 - 3/31/2027	3.5952	5.250	0.7740	2.7828
4/1/2027 - 3/31/2028	3.6005	6.250	0.7372	2.6542
4/1/2028 - 3/31/2029	3.6065	7.250	0.7021	2.5320
4/1/2029 - 3/31/2030	3.6132	8.250	0.6686	2.4159
4/1/2030 - 3/31/2031	3.6208	9.250	0.6368	2.3057
4/1/2031 - 3/31/2032	3.6290	10.250	0.6065	2.2009
4/1/2032 - 3/31/2033	3.6380	11.250	0.5776	2.1013
4/1/2033 - 3/31/2034	3.6472	12.250	0.5501	2.0063
4/1/2034 - 3/31/2035	3.6564	13.250	0.5239	1.9156
4/1/2035 - 3/31/2036	3.6652	14.250	0.4989	1.8287
4/1/2036 - 3/31/2037	3.6731	15.250	0.4752	1.7454
4/1/2037 - 3/31/2038	3.6802	16.250	0.4526	1.6655
4/1/2038 - 3/31/2039	3.6864	17.250	0.4310	1.5889
4/1/2039 - 3/31/2040	3.6924	18.250	0.4105	1.5157
4/1/2040 - 3/31/2041	3.6983	19.250	0.3909	1.4458
4/1/2041 - 3/31/2042	3.7043	20.250	0.3723	1.3792
4/1/2042 - 3/31/2043	3.7106	21.250	0.3546	1.3157
4/1/2043 - 3/31/2044	3.7172	22.250	0.3377	1.2553
4/1/2044 - 3/31/2045	3.7242	23.250	0.3216	1.1978
4/1/2045 - 3/31/2046	3.7317	24.250	0.3063	1.1431
4/1/2046 - 3/31/2047	3.7397	25.250	0.2917	1.0909
4/1/2047 - 3/31/2048	3.7482	26.250	0.2778	1.0414
4/1/2048 - 3/31/2049	3.7572	27.250	0.2646	0.9942
4/1/2049 - 3/31/2050	3.7665	28.250	0.2520	0.9492
4/1/2050 - 3/31/2051	3.7758	29.250	0.2400	0.9062
4/1/2051 - 3/31/2052	3.7848	30.250	0.2286	0.8651
4/1/2052 - 3/31/2053	3.7935	31.250	0.2177	0.8258
4/1/2053 - 3/31/2054	3.8018	32.250	0.2073	0.7882
4/1/2054 - 3/31/2055	3.8097	33.250	0.1974	0.7522
4/1/2055 - 3/31/2056	3.8171	34.250	0.1880	0.7178
4/1/2056 - 3/31/2057	3.8238	35.250	0.1791	0.6848
4/1/2057 - 3/31/2058	3.8296	36.250	0.1706	0.6532
4/1/2058 - 3/31/2059	3.8342	37.250	0.1624	0.6228
4/1/2059 - 3/31/2060	3.8373	38.250	0.1547	0.5937
4/1/2060 - 3/31/2061	3.8388	39.250	0.1473	0.5656
4/1/2061 - 3/31/2062	3.8382	40.250	0.1403	0.5386
4/1/2062 - 3/31/2063	3.8355	41.250	0.1336	0.5126
4/1/2063 - 3/31/2064	3.8304	42.250	0.1273	0.4875
4/1/2064 - 3/31/2065	3.8228	43.250	0.1212	0.4634
4/1/2065 - 3/31/2066	3.8119	44.250	0.1154	0.4401
4/1/2066 - 3/31/2067	3.7975	45.250	0.1099	0.4175
4/1/2067 - 3/31/2068	3.7791	46.250	0.1047	0.3957
4/1/2068 - 3/31/2069	3.7564	47.250	0.0997	0.3746
4/1/2069 - 3/31/2070	3.7291	48.250	0.0950	0.3542
4/1/2070 - 3/31/2071	3.6965	49.250	0.0905	0.3344
4/1/2071 - 3/31/2072	3.6580	50.250	0.0861	0.3151
4/1/2072 - 3/31/2073	3.6135	51.250	0.0820	0.2965
4/1/2073 - 3/31/2074	3.5626	52.250	0.0781	0.2784
4/1/2074 - 3/31/2075	3.5052	53.250	0.0744	0.2608
4/1/2075 - 3/31/2076	3.4410	54.250	0.0709	0.2439
4/1/2076 - 3/31/2077	3.3697	55.250	0.0675	0.2275
4/1/2077 - 3/31/2078	3.2914	56.250	0.0643	0.2116
4/1/2078 - 3/31/2079	3.2062	57.250	0.0612	0.1963
4/1/2079 - 3/31/2080	3.1143	58.250	0.0583	0.1816
4/1/2080 - 3/31/2081	3.0160	59.250	0.0555	0.1675

Notes: (a) Based on number of claims by year and estimated life expectancy - see NICA Loss & LAE Reserve Report as of March 31, 2021 - Appendix E, Exhibit III, Sheets 3a through 3g.

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of March 31, 2021

Exhibit III
Sheet 1b

Estimated Deceased By Year - Based on Open Claims as of March 31, 2021

Fiscal Year ----- (1)	Expected (a) Number Deceased by Period ----- (2)	Estimated Time of Payment (Years) ----- (3)	Discount Factor 5.00% ----- (4)	Discounted Value of # Deceased (2) x (4) ----- (5)
4/1/2081 - 3/31/2082	2.9119	60.250	0.0529	0.1540
4/1/2082 - 3/31/2083	2.8026	61.250	0.0504	0.1412
4/1/2083 - 3/31/2084	2.6888	62.250	0.0480	0.1290
4/1/2084 - 3/31/2085	2.5710	63.250	0.0457	0.1175
4/1/2085 - 3/31/2086	2.4499	64.250	0.0435	0.1066
4/1/2086 - 3/31/2087	2.3265	65.250	0.0414	0.0964
4/1/2087 - 3/31/2088	2.2012	66.250	0.0395	0.0869
4/1/2088 - 3/31/2089	2.0750	67.250	0.0376	0.0780
4/1/2089 - 3/31/2090	1.9487	68.250	0.0358	0.0698
4/1/2090 - 3/31/2091	1.8231	69.250	0.0341	0.0622
4/1/2091 - 3/31/2092	1.6989	70.250	0.0325	0.0552
4/1/2092 - 3/31/2093	1.5768	71.250	0.0309	0.0488
4/1/2093 - 3/31/2094	1.4568	72.250	0.0294	0.0429
4/1/2094 - 3/31/2095	1.3392	73.250	0.0280	0.0376
4/1/2095 - 3/31/2096	1.2236	74.250	0.0267	0.0327
4/1/2096 - 3/31/2097	1.1106	75.250	0.0254	0.0283
4/1/2097 - 3/31/2098	1.0017	76.250	0.0242	0.0243
4/1/2098 - 3/31/2099	0.8968	77.250	0.0231	0.0207
4/1/2099 - 3/31/2100	0.7964	78.250	0.0220	0.0175
4/1/2100 - 3/31/2101	0.7011	79.250	0.0209	0.0147
4/1/2101 - 3/31/2102	0.6111	80.250	0.0199	0.0122
4/1/2102 - 3/31/2103	0.5269	81.250	0.0190	0.0100
4/1/2103 - 3/31/2104	0.4488	82.250	0.0181	0.0081
4/1/2104 - 3/31/2105	0.3773	83.250	0.0172	0.0065
4/1/2105 - 3/31/2106	0.3128	84.250	0.0164	0.0051
4/1/2106 - 3/31/2107	0.2554	85.250	0.0156	0.0040
4/1/2107 - 3/31/2108	0.2052	86.250	0.0149	0.0031
4/1/2108 - 3/31/2109	0.1621	87.250	0.0142	0.0023
4/1/2109 - 3/31/2110	0.1258	88.250	0.0135	0.0017
4/1/2110 - 3/31/2111	0.0957	89.250	0.0128	0.0012
4/1/2111 - 3/31/2112	0.0709	90.250	0.0122	0.0009
4/1/2112 - 3/31/2113	0.0510	91.250	0.0117	0.0006
4/1/2113 - 3/31/2114	0.0360	92.250	0.0111	0.0004
4/1/2114 - 3/31/2115	0.0250	93.250	0.0106	0.0003
4/1/2115 - 3/31/2116	0.0171	94.250	0.0101	0.0002
4/1/2116 - 3/31/2117	0.0116	95.250	0.0096	0.0001
4/1/2117 - 3/31/2118	0.0077	96.250	0.0091	0.0001
4/1/2118 - 3/31/2119	0.0051	97.250	0.0087	0.0000
4/1/2119 - 3/31/2120	0.0034	98.250	0.0083	0.0000
4/1/2120 - 3/31/2121	0.0023	99.250	0.0079	0.0000
4/1/2121 - 3/31/2122	0.0016	100.250	0.0075	0.0000
4/1/2122 - 3/31/2123	0.0011	101.250	0.0072	0.0000
4/1/2123 - 3/31/2124	0.0008	102.250	0.0068	0.0000
4/1/2124 - 3/31/2125	0.0006	103.250	0.0065	0.0000
4/1/2125 - 3/31/2126	0.0004	104.250	0.0062	0.0000
4/1/2126 - 3/31/2127	0.0003	105.250	0.0059	0.0000
4/1/2127 - 3/31/2128	0.0002	106.250	0.0056	0.0000
4/1/2128 - 3/31/2129	0.0002	107.250	0.0053	0.0000
4/1/2129 - 3/31/2130	0.0001	108.250	0.0051	0.0000
4/1/2130 - 3/31/2131	0.0001	109.250	0.0048	0.0000
4/1/2131 - 3/31/2132	0.0001	110.250	0.0046	0.0000
4/1/2132 - 3/31/2133	0.0001	111.250	0.0044	0.0000
4/1/2133 - 3/31/2134	0.0000	112.250	0.0042	0.0000
4/1/2134 - 3/31/2135	0.0000	113.250	0.0040	0.0000
4/1/2135 - 3/31/2136	0.0000	114.250	0.0038	0.0000
4/1/2136 - 3/31/2137	0.0000	115.250	0.0036	0.0000
4/1/2137 - 3/31/2138	0.0000	116.250	0.0034	0.0000
4/1/2138 - 3/31/2139	0.0000	117.250	0.0033	0.0000
4/1/2139 - 3/31/2140	0.0000	118.250	0.0031	0.0000
4/1/2140 - 3/31/2141	0.0000	119.250	0.0030	0.0000
Totals All:	257.0000			71.5415

Indicated Average Discount = (5) / (2)

0.27837

Notes: (a) Based on number of claims by year and estimated life expectancy - see NICA Loss & LAE Reserve Report as of March 31, 2021 - Appendix E, Exhibit III, Sheets 3a through 3g.

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of March 31, 2021

Estimated Number Alive By Year - Based on Open Claims as of March 31, 2021

Fiscal Year	Expected Number Alive at End of Period (a)	Estimated Time of Payment (Years)	Discount Factors		Discounted Value	
			Inflation 3.50%	Discount Only at 5.00%	Inflation 3.50% & Discount 5.00%	Discount Only at 5.00%
			& Discount 5.00%	5.00%	(2) x (4)	(2) x (5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
4/1/2021 - 3/31/2022	254.1869	0.375	0.9946	0.9819	252.8191	249.5786
4/1/2022 - 3/31/2023	251.1533	1.250	0.9822	0.9408	246.6765	236.2938
4/1/2023 - 3/31/2024	247.8890	2.250	0.9681	0.8960	239.9922	222.1168
4/1/2024 - 3/31/2025	244.4396	3.250	0.9543	0.8534	233.2719	208.5961
4/1/2025 - 3/31/2026	240.8813	4.250	0.9407	0.8127	226.5923	195.7711
4/1/2026 - 3/31/2027	237.2861	5.250	0.9272	0.7740	220.0216	183.6659
4/1/2027 - 3/31/2028	233.6857	6.250	0.9140	0.7372	213.5876	172.2658
4/1/2028 - 3/31/2029	230.0792	7.250	0.9009	0.7021	207.2872	161.5306
4/1/2029 - 3/31/2030	226.4659	8.250	0.8881	0.6686	201.1171	151.4228
4/1/2030 - 3/31/2031	222.8452	9.250	0.8754	0.6368	195.0745	141.9065
4/1/2031 - 3/31/2032	219.2161	10.250	0.8629	0.6065	189.1563	132.9481
4/1/2032 - 3/31/2033	215.5782	11.250	0.8505	0.5776	183.3598	124.5160
4/1/2033 - 3/31/2034	211.9310	12.250	0.8384	0.5501	177.6825	116.5804
4/1/2034 - 3/31/2035	208.2745	13.250	0.8264	0.5239	172.1225	109.1134
4/1/2035 - 3/31/2036	204.6094	14.250	0.8146	0.4989	166.6779	102.0888
4/1/2036 - 3/31/2037	200.9363	15.250	0.8030	0.4752	161.3474	95.4820
4/1/2037 - 3/31/2038	197.2561	16.250	0.7915	0.4526	156.1295	89.2698
4/1/2038 - 3/31/2039	193.5697	17.250	0.7802	0.4310	151.0230	83.4299
4/1/2039 - 3/31/2040	189.8773	18.250	0.7691	0.4105	146.0259	77.9414
4/1/2040 - 3/31/2041	186.1791	19.250	0.7581	0.3909	141.1362	72.7842
4/1/2041 - 3/31/2042	182.4748	20.250	0.7472	0.3723	136.3520	67.9391
4/1/2042 - 3/31/2043	178.7642	21.250	0.7366	0.3546	131.6711	63.3881
4/1/2043 - 3/31/2044	175.0470	22.250	0.7260	0.3377	127.0912	59.1143
4/1/2044 - 3/31/2045	171.3228	23.250	0.7157	0.3216	122.6103	55.1016
4/1/2045 - 3/31/2046	167.5911	24.250	0.7054	0.3063	118.2262	51.3346
4/1/2046 - 3/31/2047	163.8514	25.250	0.6954	0.2917	113.9368	47.7992
4/1/2047 - 3/31/2048	160.1032	26.250	0.6854	0.2778	109.7400	44.4816
4/1/2048 - 3/31/2049	156.3459	27.250	0.6756	0.2646	105.6338	41.3693
4/1/2049 - 3/31/2050	152.5794	28.250	0.6660	0.2520	101.6162	38.4502
4/1/2050 - 3/31/2051	148.8036	29.250	0.6565	0.2400	97.6859	35.7130
4/1/2051 - 3/31/2052	145.0188	30.250	0.6471	0.2286	93.8412	33.1473
4/1/2052 - 3/31/2053	141.2253	31.250	0.6379	0.2177	90.0809	30.7430
4/1/2053 - 3/31/2054	137.4235	32.250	0.6287	0.2073	86.4037	28.4909
4/1/2054 - 3/31/2055	133.6138	33.250	0.6198	0.1974	82.8083	26.3820
4/1/2055 - 3/31/2056	129.7967	34.250	0.6109	0.1880	79.2934	24.4079
4/1/2056 - 3/31/2057	125.9728	35.250	0.6022	0.1791	75.8580	22.5608
4/1/2057 - 3/31/2058	122.1433	36.250	0.5936	0.1706	72.5012	20.8333
4/1/2058 - 3/31/2059	118.3091	37.250	0.5851	0.1624	69.2221	19.2184
4/1/2059 - 3/31/2060	114.4718	38.250	0.5767	0.1547	66.0201	17.7096
4/1/2060 - 3/31/2061	110.6330	39.250	0.5685	0.1473	62.8946	16.3006
4/1/2061 - 3/31/2062	106.7947	40.250	0.5604	0.1403	59.8452	14.9858
4/1/2062 - 3/31/2063	102.9592	41.250	0.5524	0.1336	56.8717	13.7596
4/1/2063 - 3/31/2064	99.1288	42.250	0.5445	0.1273	53.9736	12.6169
4/1/2064 - 3/31/2065	95.3060	43.250	0.5367	0.1212	51.1509	11.5527
4/1/2065 - 3/31/2066	91.4941	44.250	0.5290	0.1154	48.4035	10.5625
4/1/2066 - 3/31/2067	87.6966	45.250	0.5215	0.1099	45.7317	9.6420
4/1/2067 - 3/31/2068	83.9175	46.250	0.5140	0.1047	43.1359	8.7871
4/1/2068 - 3/31/2069	80.1610	47.250	0.5067	0.0997	40.6163	7.9941
4/1/2069 - 3/31/2070	76.4319	48.250	0.4994	0.0950	38.1736	7.2592
4/1/2070 - 3/31/2071	72.7355	49.250	0.4923	0.0905	35.8084	6.5792
4/1/2071 - 3/31/2072	69.0774	50.250	0.4853	0.0861	33.5217	5.9508
4/1/2072 - 3/31/2073	65.4639	51.250	0.4783	0.0820	31.3144	5.3709
4/1/2073 - 3/31/2074	61.9013	52.250	0.4715	0.0781	29.1872	4.8368
4/1/2074 - 3/31/2075	58.3961	53.250	0.4648	0.0744	27.1411	4.3456
4/1/2075 - 3/31/2076	54.9551	54.250	0.4581	0.0709	25.1769	3.8948
4/1/2076 - 3/31/2077	51.5853	55.250	0.4516	0.0675	23.2955	3.4819
4/1/2077 - 3/31/2078	48.2939	56.250	0.4451	0.0643	21.4975	3.1045
4/1/2078 - 3/31/2079	45.0877	57.250	0.4388	0.0612	19.7836	2.7604
4/1/2079 - 3/31/2080	41.9734	58.250	0.4325	0.0583	18.1540	2.4474
4/1/2080 - 3/31/2081	38.9574	59.250	0.4263	0.0555	16.6089	2.1633

Notes: (a) Based on number of claims by year and estimated life expectancy - see NICA Loss & LAE Reserve Report as of March 31, 2021 - Appendix E, Exhibit III, Sheets 3a through 3g.

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of March 31, 2021

Exhibit III
Sheet 2b

Estimated Number Alive By Year - Based on Open Claims as of March 31, 2021

Fiscal Year	Expected Number Alive at End of Period (a)	Estimated Time of Payment (Years)	Discount Factors		Discounted Value	
			Inflation 3.50% & Discount 5.00%	Discount Only at 5.00%	Inflation 3.50% & Discount 5.00%	Discount Only at 5.00%
					(2) x (4)	(2) x (5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
4/1/2081 - 3/31/2082	36.0455	60.250	0.4202	0.0529	15.1479	1.9063
4/1/2082 - 3/31/2083	33.2428	61.250	0.4142	0.0504	13.7705	1.6744
4/1/2083 - 3/31/2084	30.5541	62.250	0.4083	0.0480	12.4759	1.4657
4/1/2084 - 3/31/2085	27.9831	63.250	0.4025	0.0457	11.2629	1.2784
4/1/2085 - 3/31/2086	25.5332	64.250	0.3967	0.0435	10.1300	1.1109
4/1/2086 - 3/31/2087	23.2067	65.250	0.3911	0.0414	9.0755	0.9616
4/1/2087 - 3/31/2088	21.0054	66.250	0.3855	0.0395	8.0973	0.8290
4/1/2088 - 3/31/2089	18.9305	67.250	0.3800	0.0376	7.1932	0.7115
4/1/2089 - 3/31/2090	16.9818	68.250	0.3745	0.0358	6.3605	0.6079
4/1/2090 - 3/31/2091	15.1587	69.250	0.3692	0.0341	5.5966	0.5168
4/1/2091 - 3/31/2092	13.4598	70.250	0.3639	0.0325	4.8983	0.4370
4/1/2092 - 3/31/2093	11.8830	71.250	0.3587	0.0309	4.2627	0.3674
4/1/2093 - 3/31/2094	10.4262	72.250	0.3536	0.0294	3.6867	0.3070
4/1/2094 - 3/31/2095	9.0871	73.250	0.3485	0.0280	3.1673	0.2549
4/1/2095 - 3/31/2096	7.8634	74.250	0.3436	0.0267	2.7016	0.2100
4/1/2096 - 3/31/2097	6.7528	75.250	0.3387	0.0254	2.2869	0.1718
4/1/2097 - 3/31/2098	5.7511	76.250	0.3338	0.0242	1.9199	0.1393
4/1/2098 - 3/31/2099	4.8543	77.250	0.3291	0.0231	1.5973	0.1120
4/1/2099 - 3/31/2100	4.0579	78.250	0.3244	0.0220	1.3162	0.0892
4/1/2100 - 3/31/2101	3.3568	79.250	0.3197	0.0209	1.0732	0.0703
4/1/2101 - 3/31/2102	2.7457	80.250	0.3152	0.0199	0.8653	0.0547
4/1/2102 - 3/31/2103	2.2188	81.250	0.3107	0.0190	0.6893	0.0421
4/1/2103 - 3/31/2104	1.7700	82.250	0.3062	0.0181	0.5420	0.0320
4/1/2104 - 3/31/2105	1.3927	83.250	0.3018	0.0172	0.4204	0.0240
4/1/2105 - 3/31/2106	1.0799	84.250	0.2975	0.0164	0.3213	0.0177
4/1/2106 - 3/31/2107	0.8246	85.250	0.2933	0.0156	0.2418	0.0129
4/1/2107 - 3/31/2108	0.6194	86.250	0.2891	0.0149	0.1790	0.0092
4/1/2108 - 3/31/2109	0.4573	87.250	0.2850	0.0142	0.1303	0.0065
4/1/2109 - 3/31/2110	0.3315	88.250	0.2809	0.0135	0.0931	0.0045
4/1/2110 - 3/31/2111	0.2357	89.250	0.2769	0.0128	0.0653	0.0030
4/1/2111 - 3/31/2112	0.1648	90.250	0.2729	0.0122	0.0450	0.0020
4/1/2112 - 3/31/2113	0.1138	91.250	0.2690	0.0117	0.0306	0.0013
4/1/2113 - 3/31/2114	0.0778	92.250	0.2652	0.0111	0.0206	0.0009
4/1/2114 - 3/31/2115	0.0529	93.250	0.2614	0.0106	0.0138	0.0006
4/1/2115 - 3/31/2116	0.0357	94.250	0.2577	0.0101	0.0092	0.0004
4/1/2116 - 3/31/2117	0.0242	95.250	0.2540	0.0096	0.0061	0.0002
4/1/2117 - 3/31/2118	0.0165	96.250	0.2503	0.0091	0.0041	0.0002
4/1/2118 - 3/31/2119	0.0114	97.250	0.2468	0.0087	0.0028	0.0001
4/1/2119 - 3/31/2120	0.0079	98.250	0.2432	0.0083	0.0019	0.0001
4/1/2120 - 3/31/2121	0.0057	99.250	0.2398	0.0079	0.0014	0.0000
4/1/2121 - 3/31/2122	0.0041	100.250	0.2363	0.0075	0.0010	0.0000
4/1/2122 - 3/31/2123	0.0030	101.250	0.2330	0.0072	0.0007	0.0000
4/1/2123 - 3/31/2124	0.0022	102.250	0.2296	0.0068	0.0005	0.0000
4/1/2124 - 3/31/2125	0.0017	103.250	0.2264	0.0065	0.0004	0.0000
4/1/2125 - 3/31/2126	0.0012	104.250	0.2231	0.0062	0.0003	0.0000
4/1/2126 - 3/31/2127	0.0009	105.250	0.2199	0.0059	0.0002	0.0000
4/1/2127 - 3/31/2128	0.0007	106.250	0.2168	0.0056	0.0002	0.0000
4/1/2128 - 3/31/2129	0.0005	107.250	0.2137	0.0053	0.0001	0.0000
4/1/2129 - 3/31/2130	0.0004	108.250	0.2106	0.0051	0.0001	0.0000
4/1/2130 - 3/31/2131	0.0003	109.250	0.2076	0.0048	0.0001	0.0000
4/1/2131 - 3/31/2132	0.0002	110.250	0.2047	0.0046	0.0000	0.0000
4/1/2132 - 3/31/2133	0.0002	111.250	0.2017	0.0044	0.0000	0.0000
4/1/2133 - 3/31/2134	0.0001	112.250	0.1989	0.0042	0.0000	0.0000
4/1/2134 - 3/31/2135	0.0001	113.250	0.1960	0.0040	0.0000	0.0000
4/1/2135 - 3/31/2136	0.0001	114.250	0.1932	0.0038	0.0000	0.0000
4/1/2136 - 3/31/2137	0.0000	115.250	0.1905	0.0036	0.0000	0.0000
4/1/2137 - 3/31/2138	0.0000	116.250	0.1877	0.0034	0.0000	0.0000
4/1/2138 - 3/31/2139	0.0000	117.250	0.1851	0.0033	0.0000	0.0000
4/1/2139 - 3/31/2140	0.0000	118.250	0.1824	0.0031	0.0000	0.0000
4/1/2140 - 3/31/2141	0.0000	119.250	0.1798	0.0030	0.0000	0.0000
Totals All:	9122.4841				6673.6872	3827.3161
					Indicated Average Discount	0.73156 0.41955

Notes: (a) Based on number of claims by year and estimated life expectancy - see NICA Loss & LAE Reserve Report as of March 31, 2021 - Appendix E, Exhibit III, Sheets 3a through 3g.

Agenda Item # 6.B. (Tab V)

Reserve Evaluation and Claim Status June 2021



MADISON CONSULTING GROUP

Actuaries • Property/Casualty Consulting Services

September 8, 2021

Ms. Kenney Shipley
Executive Director
Florida Birth Related Neurological
Injury Compensation Association
2360 Christopher Place, Suite 1
Tallahassee, Florida 32308

Re: NICA Outstanding Loss Reserves – Evaluated as of June 30, 2021

Dear Ms. Shipley:

I have reviewed the analysis of the NICA outstanding loss reserves as of June 30, 2021 performed by Turner Consulting. This letter describes the results of that review.

Qualifications

The review was conducted under my direction. I am a Fellow of the Casualty Actuarial Society, a Member of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained in this letter.

Conclusions

SB 1786: In May 2021, the Florida Legislature passed Senate Bill 1786 (SB 1786), which resulted in changes to the benefit obligations of NICA. In addition to the explicit benefit modifications included in SB 1786, there is a requirement for the review of the current interaction between NICA and Medicaid. These changes are expected to result in substantial one time increases in NICA's paid losses and loss reserves, as well as substantial long-term increases in NICA's financial obligations.

Large Payouts to Claimants in 2021-2Q: SB1786 retroactively increased the parental award for all open accepted claims and the death benefit for all deceased children. Turner estimated the amount of these retroactive benefits to be about \$55 million (see Appendix F, Exhibit II of Turner report). NICA paid out about \$30 million of these retroactive benefits during the second quarter of 2021. As a result, the payments in the second quarter were much greater than prior quarters. We expect this higher level of payments to decline in the next few quarters as the remaining retroactive payments are made.

Partial Recognition of SB 1786 in NICA's Reserves: The reserves discussed in this letter were computed based on the quantifiable impacts of SB 1786 on the claims incurred through June 30, 2021. In addition to these quantifiable changes, there are further changes related to NICA's interaction with Medicaid that require action and decisions from public officials before they can be quantified. Once definite policies and procedures are put into place, the full impact of SB 1786 will be included in estimates of NICA's outstanding loss and LAE reserves. For more information regarding SB 1786, please refer to Turner's report beginning on page 10.

Reserves: I have concluded that the reserves were reasonably computed based on the stated assumptions. The key assumption is a 1.5% differential between the interest discount rate and the rate of inflation impacting future payments. This assumption remains unchanged from prior analyses. There is no change to the recommended risk margin of \$75.5 million from the prior analysis. Additionally, the methodology used to determine the reserves is consistent with the methodology used by Turner in the March 31, 2021 analysis.

Observations: Attachment 1a summarizes NICA's claim payments and reserves (excluding risk margin) over time. The current reserve for loss and loss adjustment expenses is \$1081.1 (Attachment 1a, Row 5) which is relatively unchanged from the corresponding amount of \$1,079.6 million as of March 31, 2021 (Attachment 1a, Row 5). In effect, the decrease in reserve caused by paying out the retroactive benefits due to existing claimants was offset by new claims arising in the quarter.

Attachment 1b shows reserve amounts excluding SB 1786. It shows that, but for SB 1786, the aggregate reserve is driven by the outstanding claim count (Attachment 1b, Row 9), while the average reserve per claim has remained consistent over time (Attachment 1b, Row 11).

Attachment 2 provides an accounting of the changes in the outstanding claim count. This Attachment shows that the outstanding count has tended to increase over the last two years

or so (Attachment 2, Row 7). This increasing count, in turn, tends to cause the dollar amount of the reserve to increase.

Attachment 3 shows how the annual number of accepted claims has changed over time. The upper chart excludes children who were deceased at the time the claims were reported. The lower chart shows the number of children who were deceased at the time the claims were reported. Both charts show growth and random fluctuations in number of claims since 2012.

Please let me know if you have any questions or comments.



Mark Crawshaw, Ph.D., FCAS, MAAA

Madison Consulting Group, Inc.

200 N. Second Street

Madison, GA 30650

706-342-7750

mark.crawshaw@madisoninc.com

SUMMARY OF NICA CLAIMS PAYMENTS AND RESERVES
(\$ MILLIONS)

Item	3/31/2017	6/30/2017	9/30/2017	12/31/2017	3/31/2018	6/30/2018	9/30/2018	12/31/2018	3/31/2019	6/30/2019
(1) Case Reserves (a)	\$ 539.2	\$ 537.3	\$ 540.9	\$ 547.6	\$ 550.3	\$ 556.0	\$ 556.9	\$ 576.6	\$ 577.8	\$ 576.5
(2) IBNR Reserve (a)	267.4	268.4	265.5	266.8	266.2	263.7	266.1	266.7	263.6	259.5
(3) Subtotal (a)	806.6	805.7	806.4	814.4	816.5	819.7	823.1	843.3	841.4	836.0
(4) ULAE Reserves (a)	11.1	11.1	12.7	12.8	12.8	12.7	12.6	13.2	13.2	12.2
(5) Total Reserves	817.7	816.8	819.1	827.1	829.3	832.4	835.7	856.5	854.6	848.2
(6) - Change in Quarter	(19.6)	(0.9)	2.4	8.0	2.1	3.1	3.3	20.8	(1.9)	(6.4)
(7) Open Accepted Counts (b)	191	191	195	194	197	201	198	201	205	210
(8) IBNR Counts Excluding DA (b)	33	33	32	29	30	30	31	31	32	32
(9) Total Outstanding Counts	224	224	227	223	227	231	229	232	237	242
(10) - Change in Quarter	(2.0)	-	3.0	(4.0)	4.0	4.0	(2.0)	3.0	5.0	5.0
(11) Average Reserve [(5) / (9)]	\$ 3.65	\$ 3.65	\$ 3.61	\$ 3.71	\$ 3.65	\$ 3.60	\$ 3.65	\$ 3.69	\$ 3.61	\$ 3.51
(12) Paid Loss (a)	210.3	214.5	218.4	222.8	227.1	231.8	236.1	240.4	244.6	248.6
(13) - Change in Quarter	5.1	4.2	3.9	4.4	4.3	4.7	4.3	4.3	4.2	4.0
(14) Incurred in Quarter [(6) + (13)]	\$ (14.5)	\$ 3.3	\$ 6.3	\$ 12.4	\$ 6.4	\$ 7.8	\$ 7.6	\$ 25.1	\$ 2.3	\$ (2.4)
(15) Average Open Count	194	191	193	195	196	199	200	200	203	208
(16) Average Paid Per Open Count	\$ 0.026	\$ 0.022	\$ 0.020	\$ 0.023	\$ 0.022	\$ 0.023	\$ 0.022	\$ 0.022	\$ 0.021	\$ 0.019

Notes:
(a) Turner Exhibit I, Sheet 1 (Sheet 1a for evaluations prior to 3/31/2021.)
(b) Turner Exhibit X, Sheet 1e (Sheet 1d for evaluations prior to 6/30/2020.)

SUMMARY OF NICA CLAIMS PAYMENTS AND RESERVES
(\$ MILLIONS)

Item	9/30/2019	12/31/2019	3/31/2020	6/30/2020	9/30/2020	12/31/2020	3/31/2021	6/30/2021
(1) Case Reserves (a)	\$ 573.9	\$ 611.8	\$ 620.3	\$ 628.3	\$ 637.2	\$ 663.9	\$ 665.1	\$ 691.4
(2) IBNR Reserve (a)	266.2	292.0	296.8	296.3	301.4	273.7	399.5	374.8
(3) Subtotal (a)	840.1	903.8	917.1	924.7	938.6	937.6	1,064.6	1,066.2
(4) ULAE Reserves (a)	12.1	14.4	14.4	14.3	14.2	14.9	15.0	14.9
(5) Total Reserves	852.2	918.1	931.5	939.0	952.8	952.5	1,079.6	1,081.1
(6) - Change in Quarter	4.0	65.9	13.4	7.5	13.8	(0.3)	127.1	1.5
(7) Open Accepted Counts (b)	212	217	224	229	233	227	230	237
(8) IBNR Counts Excluding DA (b)	31	28	27	28	29	29	29	27
(9) Total Outstanding Counts	243	245	251	257	262	256	259	264
(10) - Change in Quarter	1.0	2.0	6.0	6.0	5.0	(6.0)	3.0	5.0
(11) Average Reserve [(5) / (9)]	\$ 3.51	\$ 3.75	\$ 3.71	\$ 3.65	\$ 3.64	\$ 3.72	\$ 4.17	\$ 4.10
(12) Paid Loss (a)	253.4	258.1	262.8	268.4	274.1	279.0	284.7	318.2
(13) - Change in Quarter	4.8	4.7	4.7	5.6	5.7	5.0	5.7	33.5
(14) Incurred in Quarter [(6) + (13)]	\$ 8.8	\$ 70.6	\$ 18.1	\$ 13.1	\$ 19.5	\$ 4.7	\$ 132.7	\$ 35.0
(15) Average Open Count	211	215	221	227	231	230	229	234
(16) Average Paid Per Open Count	\$ 0.023	\$ 0.022	\$ 0.021	\$ 0.025	\$ 0.024	\$ 0.022	\$ 0.025	\$ 0.143

Notes:

- (a) Turner Exhibit I, Sheet 1 (Sheet 1a for evaluations prior to 3/31/2021.)
(b) Turner Exhibit X, Sheet 1e (Sheet 1d for evaluations prior to 6/30/2020.)

**SUMMARY OF NICA CLAIMS PAYMENTS AND RESERVES
EXCLUDING RESERVES DUE TO SENATE BILL 1786**
(\$ MILLIONS)

Item	3/31/2017	6/30/2017	9/30/2017	12/31/2017	3/31/2018	6/30/2018	9/30/2018	12/31/2018	3/31/2019	6/30/2019
(1) Case Reserves (a)	\$ 539.2	\$ 537.3	\$ 540.9	\$ 547.6	\$ 550.3	\$ 556.0	\$ 556.9	\$ 576.6	\$ 577.8	\$ 576.5
(2) IBNR Reserve (a)	267.4	268.4	265.5	266.8	266.2	263.7	266.1	266.7	263.6	259.5
(3) Subtotal (a)	806.6	805.7	806.4	814.4	816.5	819.7	823.1	843.3	841.4	836.0
(4) ULAE Reserves (a)	11.1	11.1	12.7	12.8	12.8	12.7	12.6	13.2	13.2	12.2
(5) Total Reserves	817.7	816.8	819.1	827.1	829.3	832.4	835.7	856.5	854.6	848.2
(6) - Change in Quarter	(19.6)	(0.9)	2.4	8.0	2.1	3.1	3.3	20.8	(1.9)	(6.4)
(7) Open Accepted Counts (b)	191	191	195	194	197	201	198	201	205	210
(8) IBNR Counts Excluding DA (b)	33	33	32	29	30	30	31	31	32	32
(9) Total Outstanding Counts	224	224	227	223	227	231	229	232	237	242
(10) - Change in Quarter	(2.0)	-	3.0	(4.0)	4.0	4.0	(2.0)	3.0	5.0	5.0
(11) Average Reserve [(5) / (9)]	\$ 3.65	\$ 3.65	\$ 3.61	\$ 3.71	\$ 3.65	\$ 3.60	\$ 3.65	\$ 3.69	\$ 3.61	\$ 3.51

Notes:
(a) Turner Exhibit I, Sheet 3a (Sheet 1a for evaluations prior to 3/31/2021.)
(b) Turner Exhibit X, Sheet 1e (Sheet 1d for evaluations prior to 6/30/2020.)

**SUMMARY OF NICA CLAIMS PAYMENTS AND RESERVES
EXCLUDING RESERVES DUE TO SENATE BILL 1786
(\$ MILLIONS)**

Item	9/30/2019	12/31/2019	3/31/2020	6/30/2020	9/30/2020	12/31/2020	3/31/2021	6/30/2021
(1) Case Reserves (a)								
(2) IBNR Reserve (a)	\$ 573.9	\$ 611.8	\$ 620.3	\$ 628.3	\$ 637.2	\$ 663.9	\$ 665.1	\$ 670.9
(3) Subtotal (a)	266.2	292.0	296.8	296.3	301.4	273.7	274.3	294.1
(4) ULAE Reserves (a)	840.1	903.8	917.1	924.7	938.6	937.6	939.4	964.9
(5) Total Reserves	12.1	14.4	14.4	14.3	14.2	14.9	15.0	14.9
(6) - Change in Quarter	852.2	918.1	931.5	939.0	952.8	952.5	954.4	979.8
	4.0	65.9	13.4	7.5	13.8	(0.3)	1.9	25.4
(7) Open Accepted Counts (b)	212	217	224	229	233	227	230	237
(8) IBNR Counts Excluding DA (b)	31	28	27	28	29	29	29	27
(9) Total Outstanding Counts	243	245	251	257	262	256	259	264
(10) - Change in Quarter	1.0	2.0	6.0	6.0	5.0	(6.0)	3.0	5.0
(11) Average Reserve [(5) / (9)]	\$ 3.51	\$ 3.75	\$ 3.71	\$ 3.65	\$ 3.64	\$ 3.72	\$ 3.68	\$ 3.71

Notes:
(a) Turner Exhibit I, Sheet 3a (Sheet 1a for evaluations prior to 3/31/2021.)
(b) Turner Exhibit X, Sheet 1e (Sheet 1d for evaluations prior to 6/30/2020.)

CHANGE IN CLAIM COUNTS BY QUARTER

Item	Change in Quarter Ending									
	12/31/2016	3/31/2017	6/30/2017	9/30/2017	12/31/2017	3/31/2018	6/30/2018	9/30/2018	12/31/2018	
(1) Reported Claims (a)	10	9	10	10	14	13	15	11	13	
(2) Denied Claims [(1) - (3)]	2	11	6	6	8	11	9	11	11	
(3) Accepted Claims (b)	8	(2)	4	4	6	2	6	-	2	
(4) Closed Claims (Deceased) [(3) - (5)]	1	3	4	4	2	3	2	3	(1)	
(5) Open Accepted Count (c)	7	(5)	-	-	4	(1)	3	(3)	3	
(6) IBNR Claims Excluding DA (d)	(1)	3	-	-	(1)	(3)	1	1	-	
(7) Change in Outstanding Counts [(5) + (6)]	6	(2)	-	-	3	(4)	4	(2)	3	

Notes:

The above figures are the difference of amounts from successive reports.

(a) Turner Exhibit X, Sheet 1b, Column (3).

(b) Turner Exhibit X, Sheet 1b, Column (2).

(c) Turner Exhibit X, Sheet 1e, Column (5).

(d) Turner Exhibit X, Sheet 1e, Column (7).

CHANGE IN CLAIM COUNTS BY QUARTER

Item	Change in Quarter Ending										
	3/31/2019	6/30/2019	9/30/2019	12/31/2019	3/31/2020	6/30/2020	9/30/2020	12/31/2020	3/31/2021	6/30/2021	
(1) Reported Claims (a)	10	9	11	21	13	14	12	11	10	13	
(2) Denied Claims [(1) - (3)]	6	3	7	11	6	5	7	13	7	6	
(3) Accepted Claims (b)	4	6	4	10	7	9	5	(2)	3	7	
(4) Closed Claims (Deceased) [(3) - (5)]	-	1	2	5	-	4	1	4	-	-	
(5) Open Accepted Count (c)	4	5	2	5	7	5	4	(6)	3	7	
(6) IBNR Claims Excluding DA (d)	1	-	(1)	(3)	(1)	1	1	-	-	(2)	
(7) Change in Outstanding Counts [(5) + (6)]	5	5	1	2	6	6	5	(6)	3	5	

Notes:

The above figures are the difference of amounts from successive reports.

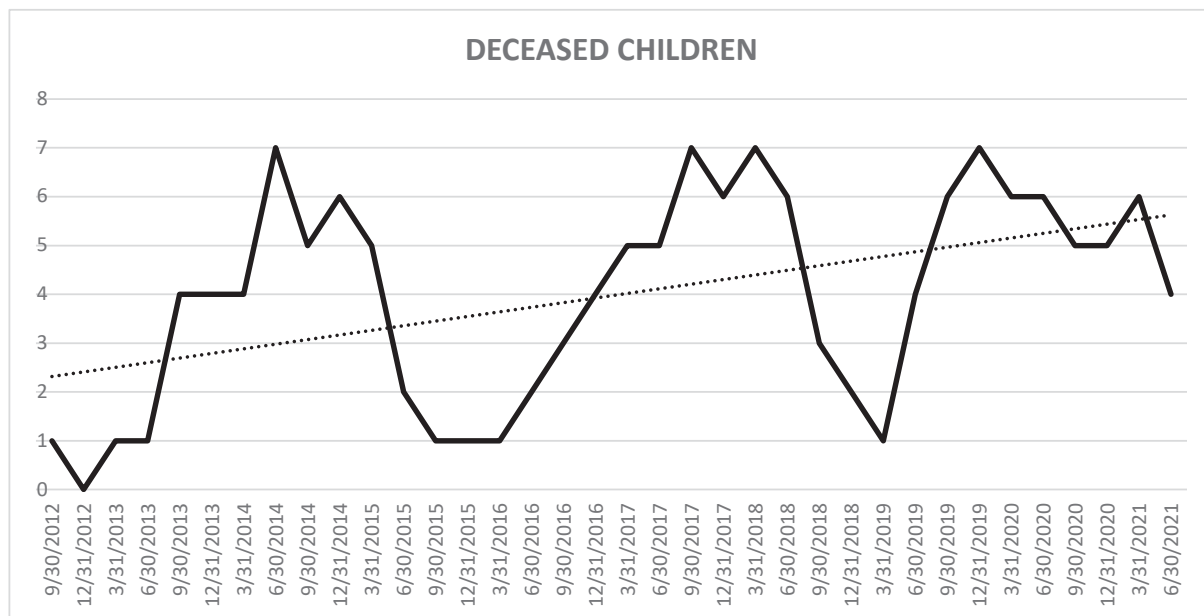
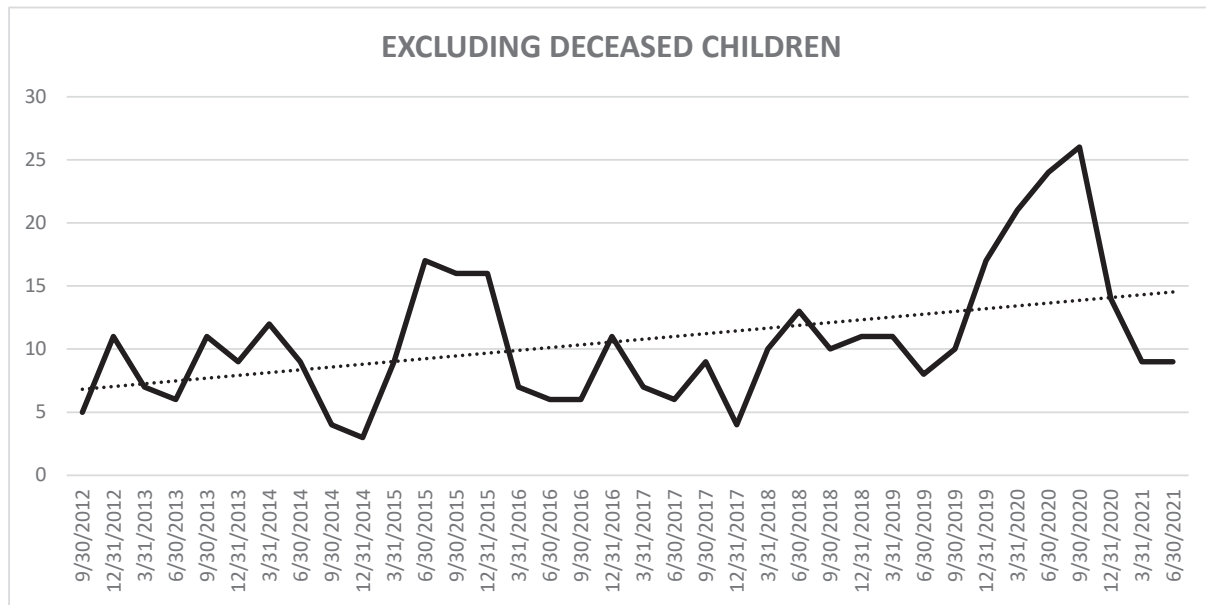
(a) Turner Exhibit X, Sheet 1b, Column (3).

(b) Turner Exhibit X, Sheet 1b, Column (2).

(c) Turner Exhibit X, Sheet 1e, Column (5).

(d) Turner Exhibit X, Sheet 1e, Column (7).

TIME SERIES OF NICA NEW ACCEPTED CLAIM COUNTS (ROLLING YEAR BASIS)



Source: Turner Exhibit X, Sheet 1b; difference of successive annual reports.

**FLORIDA BIRTH RELATED NEUROLOGICAL INJURY
COMPENSATION ASSOCIATION
REVIEW OF OUTSTANDING LOSS RESERVES
EVALUATED AS OF JUNE 30, 2021**

**Turner Consulting, Inc.
August, 2021**

TURNER CONSULTING, INC.
CONSULTANTS AND ACTUARIES

125 Clairemont Avenue
Suite 540
Decatur, Georgia 30030
(404) 373-2326
Fax (404) 373-2311

August 6, 2021

Ms. Kenney Shipley
Executive Director
Florida Birth Related Neurological
Injury Compensation Association
2360 Christopher Place, Suite 1
Tallahassee, Florida 32308

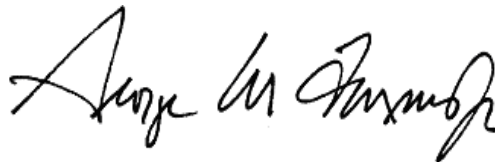
Re: NICA Outstanding Loss Reserves – Evaluated as of June 30, 2021

Dear Ms. Shipley:

Please find enclosed our report on loss and loss adjustment expense (LAE) reserves established for the Florida Birth Related Neurological Injury Association (NICA) as of June 30, 2021.

We have enjoyed working with you on this project and look forward to discussing any questions or comments you may have.

Sincerely,



George W. Turner Jr.
Fellow of the Casualty Actuarial Society,
Member of the American Academy of Actuaries

Cc: Tim Daughtry, Mark Crawshaw

**FLORIDA BIRTH RELATED NEUROLOGICAL INJURY ASSOCIATION
REVIEW OF OUTSTANDING LOSS RESERVE
EVALUATED AS OF JUNE 30, 2021**

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INTRODUCTION

Purpose

Turner Consulting, Inc. (Turner Consulting) was requested by the Florida Birth Related Neurological Injury Compensation Association (NICA) to estimate the outstanding loss and loss adjustment expense (LAE) reserves related to claims incurred by NICA under the current definition of a “birth related neurological injury” as contained in Florida Statute 766.302. The loss and LAE reserve estimate relates to claims incurred prior to and evaluated as of June 30, 2021. The loss and LAE reserve estimates are developed on both a current (2021) cost level basis and after consideration of prospective period inflation and anticipated investment income.

Background

NICA was created by Florida Statute to provide care for children beginning in 1989 that meet the birth related injury criteria as defined in Florida Statutes 766.301 to 766.316. The NICA statute replaces the traditional tort liability remedies with a no-fault type system for those children that meet the requirements as defined in the statute.

The qualifying child must be severely mentally and physically impaired. In addition, a claim must be filed within five years after birth. Prior to the 1994 birth year, a claim had to be filed within seven years of birth.

Care is provided for the life of the child. Funds are collected from the various medical care providers during each birth year and invested until payments are required on behalf of the qualifying claimants. There are very limited resources for collecting additional funds from the insurance industry and the Florida Office of Insurance Regulation in the event the funds collected from the medical care providers are not adequate. Due to the significant time period expected between the time when funds are collected and actual benefits are paid, the estimated

impact of inflation and anticipated investment income must be considered in the establishment of overall loss and LAE reserve levels.

In reports issued prior to September 30, 2012 certain care provided by parents or guardians to claimants paid for by NICA was described as “family care”. While the estimates as developed in the prior reports as well as in the current report are based on a review of all amounts paid and case reserves established related to all care as covered under the NICA statutes, a separate estimate of the amounts related to “family care” was also shown. In the more recent reports a separate estimate is no longer shown for the expense previously labeled as “family care” other than the segregation of amounts estimated for the retrospective portion of the class action settlement as described in the next paragraph. However, a separate estimate of the reserve amounts related to “family residential or custodial care” as defined in Florida Statute 766.302 (10) will be calculated for purposes of the threshold calculation as described in Florida Statute 766.314 (9). This statute specifically excludes benefits related to “family residential or custodial care” for purposes of the threshold calculation contained in the statute.

A class action settlement agreement was entered into during September 2012 which was approved pursuant to a November 26, 2012 Final Judgment and Order by the Florida Circuit Court. The settlement terms may impact benefits payable to all parents or guardians of a child born with a “birth-related neurological injury” in the State of Florida during the time period of January 1, 1989 through June 6, 2002, who obtained a final order which imposed on NICA the “continuing obligation under provisions of Section 766.31, Florida Statutes, to pay future expenses as incurred”. The estimated impact on the case reserves of this settlement agreement was incorporated into the case reserve estimates as provided by NICA. The impact is separated into estimates related to the retrospective portion of the settlement (currently defined as prior to August 1, 2012) and the prospective portion of the settlement (currently defined as subsequent to July 31, 2012). It is our understanding that the majority of the retrospective portion has been paid as of

June 30, 2021. Absent a minimal case reserve on one open claim, the retrospective portion of the settlement has been paid based on information submitted in writing to NICA by class members that either NICA agrees to pay or is ordered to pay by an administrative law judge. Other than the one open claim, the reserve estimates as shown in the attached exhibits no longer include a separate reserve estimate for the retrospective portion of the settlement agreement.

In May 2021, the Florida Legislature passed Senate Bill 1786 (SB 1786), which resulted in changes to the financial obligations of NICA. This report includes an estimate of the impact of explicit changes set forth in SB 1786. In addition to these explicit changes, SB 1786 includes requirements for additional study and potential changes to the allocation of expenses previously and currently paid by Medicaid. Since the final report on Medicaid related expenses is not due until November 1, 2021 an estimate with regard to the impact on Medicaid related items would be speculative at this time, and for this reason are not included in the reserve estimates in this report. However, this report includes a summary of the amounts paid as of June 30, 2021 related to the explicit benefit changes set forth in SB 1786 and an estimate of the outstanding loss and ALAE related to these changes evaluated as of June 30, 2021.

Qualifications

I, George W. Turner Jr. am a consulting actuary for Turner Consulting, Inc. I am a Fellow of the Casualty Actuarial Society and a member of the American Academy of Actuaries and I meet the Qualification Standards of the American Academy of Actuaries to render the opinions as expressed in this report.

Distribution and Use

This report is intended solely for the use of NICA and its Board of Directors and advisors. Any further use or distribution of this report is not intended or authorized without our prior written consent.

Conditions and Limitations

In preparing the estimates as shown in this report we relied without audit or verification on loss, exposure and expense information provided to us by responsible employees of NICA.

The indicated ultimate loss and LAE estimates provided in this report are based on the accuracy of the loss projection methods including the estimation of claim frequency and average claim size for each birth year. In addition, the final loss and LAE reserve estimates will be affected by the prospective period inflation and investment returns realized by NICA. The combined impact of these factors results in a significant degree of uncertainty in the estimated NICA loss and LAE reserve evaluated as of June 30, 2021. This uncertainty arises from the estimation many internal and external factors that have yet to occur or be reported, but which will impact the ultimate settlement value of claims incurred prior to June 30, 2021. Due to the level of uncertainty of the impact of these factors on the ultimate number and settlement value of losses incurred by NICA, there can be no guarantee that actual losses will not vary, perhaps significantly, from the estimates shown in this report. However, we have employed actuarial methods and assumptions that are appropriate given the information as provided.

The loss and LAE reserve estimates shown in this report reflect consideration of payments made on the behalf of NICA claimants by other providers, such as health insurance coverage, Medicaid, etc. Since the payments made by these other providers in many cases reduce the amounts that would otherwise be paid by NICA, any change in the portion of benefits covered by these other providers will impact the loss and LAE reserve estimates shown in this report. To the extent any of these providers change the level of benefit payments (e.g. change from a primary provider to an excess provider) from those made previously, the reserve estimates shown in this report will need to be adjusted.

An additional source of variation is introduced in the development of loss and LAE reserve estimates on a present value basis. This variation arises from the fact that actual loss and LAE payments may occur more rapidly or more slowly than contemplated in the assumed payment pattern. Thus, the calculated investment income would differ from the actual investment income earned in proportion to the variation in actual payments from expected payments.

The loss and LAE reserve estimates contained in this report include explicit consideration of estimated prospective period inflation and investment returns. Specifically, the loss and LAE reserve estimates include consideration of the anticipated investment income earned on funds collected prior to the actual payment of claims. The estimated investment income is based on the assumption that sufficient assets will be available for investment to cover the present value of the ultimate losses. To the extent sufficient funds are not available the ultimate loss reserve estimates will need to be increased to account for the reduction in anticipated investment income.

The last remaining reinsurance treaty was commuted during 2019. Since all reinsurance treaties have been commuted, the outstanding loss and LAE reserves shown as of June 30, 2021 do not include any additional anticipated reinsurance recoveries. However, the estimated ultimate loss and ALAE and the cumulative paid loss and ALAE amounts are shown in the report both before and after actual reinsurance recoveries received on all commuted reinsurance treaties.

The attached exhibits summarizing the assumptions and calculations underlying the estimates are to be considered an integral part of the report. Thus, an accurate understanding of the conclusions set forth in the report is conditional upon an examination of both the text and the attached exhibits. Further, any distribution of this report should be provided in its entirety and with the understanding that we are available to answer questions with regard to the methods and assumptions underlying the conclusions herein.

Executive Summary

The outstanding loss and LAE reserve (i.e. Loss, ALAE, and ULAE reserves after inflation and discount) as of June 30, 2021 is \$ 1,081.1 million. A summary of the loss and LAE reserves before and after the impact of the explicit changes described in SB 1786 are shown on Exhibit I, Sheets 3a and 1, respectively. As shown in Column (7) of Exhibit I, Sheet 3a, the portion of outstanding loss and ALAE reserves related to benefit levels prior to the SB 1786 changes is \$ 964.9 million. The additional outstanding loss and ALAE reserves as of June 30, 2021 related to the specific changes described in SB 1786 of \$ 101.3 million (excluding any Medicaid changes that could be made after the November 2021 study is completed) is shown in Column (7) of Exhibit 2. The estimated unallocated loss adjustment expense reserve of \$ 14.9 million is shown in Column (7) of Exhibit I, Sheets 1 and 3a. A summary of the estimated outstanding loss and ALAE reserves as of June 30, 2021 for each of the explicit benefit revisions described in SB 1786 is shown in Column (7) of Appendix F, Exhibit I.

The outstanding loss and LAE reserve is valued using an annual interest discount rate that exceeds the annual inflation in claim payments by 1.5%. This assumption is unchanged from our recent prior analyses. The outstanding loss and LAE reserve is determined using actuarial methods similar to those used in our recent prior analyses.

Total **case** outstanding loss and ALAE reserves **prior** to the inclusion of the SB 1786 benefit revisions and prior to adjustment for prospective inflation and discount increased by \$ 8.7 million during the quarter ending June 30, 2021 (Exhibit I, Sheet 3a, Column (2)). In addition, case outstanding loss and ALAE reserves related to SB 1786 benefit changes prior to consideration of inflation and discount increased by \$ 28.5 million during the quarter (Exhibit I, Sheet 2, Column (2)). The comparable changes in case outstanding loss and ALAE reserves **after** consideration of inflation and discount are an increase of \$ 5.8 million prior to the SB 1786 changes and an increase of \$ 20.5 million related to the SB 1786 benefit

changes. The combined increase during the quarter in case outstanding loss and ALAE after consideration of inflation, discount and SB 1786 is \$ 26.3 million.

Total loss and ALAE payments during the quarter were approximately \$ 33.5 million (Exhibit I, Sheet 1, Column (4) minus Exhibit I, Sheet 1a, Column (4) of the March 31, 2021 report). Approximately \$ 26.1 million of these quarterly loss and ALAE payments are related to specific benefit changes set forth in SB 1786. The remaining \$ 7.4 million of loss and ALAE payments during the quarter are related to benefit levels existing prior to the SB 1786 changes.

Before the inclusion of additional reserves related to the SB 1786 benefit changes, the estimated ultimate loss and ALAE related to claims incurred in birth years 2020 and prior after inflation and discount increased by \$ 22.12 million relative to the estimates as set forth in the March 31, 2021 report. The estimated ultimate loss and ALAE related to birth year 2021 increased by \$ 10.85 million. In combination, the estimated ultimate loss and ALAE for all birth years increased by \$ 32.97 million during the quarter (\$ 22.12 M plus \$ 10.85 M = \$ 32.97 M) prior to SB 1786 changes. A summary of the changes prior to the SB 1786 changes by birth year is shown in the table on the following page.

Before Consideration of SB 1786
Ultimate Loss & ALAE - After Inflation & Discount

Birth Year	Prior to Reinsurance Recoveries			After Reinsurance Recoveries		
	@ 6/30/21	@ 3/31/21	Change (2) - (3)	@ 6/30/21	@ 3/31/21	Change (5) - (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	27,202,519	27,158,893	43,626	27,202,519	27,158,893	43,626
1990	13,726,266	13,687,675	38,591	13,726,266	13,687,675	38,591
1991	25,802,071	25,751,511	50,561	25,802,071	25,751,511	50,561
1992	49,462,306	49,368,215	94,091	48,984,931	48,890,840	94,091
1993	48,495,392	48,418,216	77,176	27,087,327	27,010,151	77,176
1994	20,175,040	20,144,469	30,571	18,024,832	17,994,261	30,571
1995	32,353,031	32,294,268	58,763	29,480,454	29,421,692	58,763
1996	30,257,066	30,181,757	75,309	28,888,593	28,813,284	75,309
1997	42,706,197	42,590,079	116,117	40,149,718	40,033,601	116,117
1998	70,766,017	70,474,814	291,204	68,082,879	67,791,675	291,204
1999	28,839,498	28,640,501	198,996	22,839,708	22,640,711	198,996
2000	18,563,223	18,391,924	171,298	16,153,328	15,982,030	171,298
2001	29,305,275	29,106,394	198,881	26,337,819	26,138,938	198,881
2002	71,025,642	70,274,400	751,242	58,070,102	57,318,860	751,242
2003	17,363,430	17,016,227	347,204	15,105,565	14,758,362	347,204
2004	27,545,569	26,980,523	565,046	27,545,569	26,980,523	565,046
2005	34,242,779	33,421,160	821,620	34,242,779	33,421,160	821,620
2006	49,558,930	48,419,051	1,139,879	49,558,930	48,419,051	1,139,879
2007	40,265,569	39,247,538	1,018,031	40,265,569	39,247,538	1,018,031
2008	48,505,264	47,406,223	1,099,041	48,505,264	47,406,223	1,099,041
2009	59,283,522	57,854,250	1,429,273	59,283,522	57,854,250	1,429,273
2010	27,767,433	26,648,895	1,118,537	27,767,433	26,648,895	1,118,537
2011	47,018,712	45,751,588	1,267,124	47,018,712	45,751,588	1,267,124
2012	31,253,569	30,438,443	815,126	31,253,569	30,438,443	815,126
2013	28,294,506	27,640,013	654,492	28,294,506	27,640,013	654,492
2014	34,528,038	33,380,519	1,147,519	34,528,038	33,380,519	1,147,519
2015	60,384,004	58,037,607	2,346,398	60,384,004	58,037,607	2,346,398
2016	20,562,812	19,802,228	760,584	20,562,812	19,802,228	760,584
2017	42,876,073	39,734,267	3,141,806	42,876,073	39,734,267	3,141,806
2018	56,708,165	58,506,470	(1,798,305)	56,708,165	58,506,470	(1,798,305)
2019	54,465,106	50,481,847	3,983,259	54,465,106	50,481,847	3,983,259
2020	44,160,609	44,092,831	67,778	44,160,609	44,092,831	67,778
2021	23,597,428	12,751,388	10,846,040	23,597,428	12,751,388	10,846,040
Totals All	1,257,061,060	1,224,094,182	32,966,878	1,196,954,200	1,163,987,322	32,966,878
1989 - 2020	1,233,463,632	1,211,342,794	22,120,838	1,173,356,772	1,151,235,934	22,120,838

Loss and LAE reserve estimates referenced above include the separate estimation of loss and ALAE and ULAE reserves. The ULAE reserve as of June 30, 2021 is developed on Exhibit I, Sheet 7. The present value of the ULAE reserve estimate as of June 30, 2021 is \$14.87 million and relates to the loss adjustment expense not allocated to a specific claim file that is associated with actual settlement of claims incurred prior to June 30, 2021.

The loss and LAE reserves are shown in the attached Exhibit I, Sheet 3a are stated on a present value basis. Since current case reserves established by NICA in the case reserve worksheets are recorded on a current (2021) cost level basis, both case reserves and the bulk / incurred but not reported (IBNR) reserves as shown in Exhibit I, Sheets 3a and 3c (excluding the retrospective portion of the class action settlement) have been adjusted to include the estimated impact of inflation between the current (2021) evaluation date and the time at which actual payments are expected to be made by NICA. In addition, the payment stream after adjustment for inflation has been discounted to reflect an estimate of the investment income expected to be earned by NICA on assets representing the reserve funds, between the evaluation date of this report and the time period payments are expected to be made.

The final present value loss and LAE reserve estimates related to all expected NICA benefits before and after the impact of SB 1786 are shown in Exhibit I, Sheets 3a and 1, respectively. These estimates are based on our selected estimates of the prospective period inflation rates, investment income, the tail factor applicable to incurred loss development subsequent to 390 months, and the payment pattern related to outstanding loss and LAE reserves for each birth year. The present value loss and LAE reserve estimate of \$1,081.1 million, including the estimated impact of explicit SB 1786 changes, is shown in Column (7) of Exhibit I, Sheet 1.

Alternative estimates of the loss and ALAE reserve based on variation in the inflation, interest rate and tail factor are shown in Exhibit I, Sheet 4 in order to illustrate the impact on the loss and ALAE reserve of changes in some of the underlying key assumptions. Exhibit I, Sheet 5 illustrates the estimated cash flow by year related to the estimated outstanding loss and ALAE reserve established as of June 30, 2021.

Actuarial Standards of Practice provide that a risk margin may be included in an unpaid claim estimate, and if it is, the risk margin and the basis for calculating it should be disclosed. As part of our determination of actuarially sound and appropriate reserve levels for NICA, we have determined an appropriate risk margin as described later in this report.

The passage of SB 1786 (described below) will impact the risk margin calculation. Once the final decisions related to the changes under consideration as a result of this law change are taken, a revised risk margin calculation will be developed. In the interim we recommend that NICA maintain the current risk margin at a level no lower than \$75.5 million.

Senate Bill 1786

In May 2021, the Florida Legislature passed Senate Bill 1786 (SB 1786), which resulted in changes to the benefit obligations of NICA. In addition to the explicit benefit modifications included in SB 1786 there is a requirement for the review of the current interaction between NICA and Medicaid. Any decisions related to this interaction will be made after the review of a report due prior to November 1, 2021. Since it is speculative to predict the outcome of this review at this time, the estimates included in this report relate only to the explicit modifications as described in SB 1786.

Our understanding of the most significant explicit changes, that we believe are reasonably quantifiable include the following:

- (1) Increase in the Parental Award from the current \$ 100,000 maximum to a maximum of \$ 250,000 for all current NICA claimants. This change will apply retroactively to all NICA claimants currently receiving benefit payments. The maximum Parental Award will increase by three percent a year beginning on January 1, 2022.
- (2) The current death benefit of \$ 10,000 will increase to \$ 50,000. The new death benefit of \$ 50,000 will apply to all current open claimants upon their death, as well as to all prior children who died since the inception of the program. Prior beneficiaries will receive additional amounts to bring the total to \$ 50,000 by July 1, 2021.
- (3) Housing assistance of up to \$ 100,000 for the life of the child, including home construction and modification cost.
- (4) A total annual benefit of up to \$ 10,000 for immediate family members who reside with the infant for psychotherapeutic services obtained from providers licensed under chapter 490 or chapter 491. We understand NICA interprets the \$ 10,000 as an aggregate limit for all family members.
- (5) For the life of the child, providing parents or legal guardians with a reliable method of transportation for the care of the child or reimbursing the cost of upgrading an existing vehicle to accommodate the child's needs when it becomes medically necessary for wheelchair transportation. The plan must replace any vans purchased by the plan every seven years or 150,000 miles, whichever comes first.

The above five changes resulted in additional loss and ALAE payments of approximately \$ 26.1 million as of June 30, 2021. The remaining outstanding loss and ALAE reserves as of June 30, 2021 related to the above benefit changes on a combined basis is approximately \$ 101.3 million (Exhibit I, Sheet 2, Columns (4) and (7)). Additional detail related to the estimation of the loss and ALAE reserves related to the specific SB 1786 changes are shown in Appendix F.

In addition to the changes described above, Section 7 of SB 1786 requires the Agency for Health Care Administration (“the Agency”) to review its Medicaid third party liability functions and rights under Florida statutes relative to NICA. This review must assess the extent and value of liabilities owed by NICA as a third-party benefit provider. Based on its findings, the Agency shall provide recommendations regarding the development of policies and procedures to ensure robust implementation of Agency functions and rights relative to the primacy of NICA’s third-party benefits payable under NICA Statute 766.31 (1)(a)1 and any recoveries due the Agency. The final additional liability to NICA will be contingent upon the decisions taken by public officials once the Agency’s report, due by November 1, 2021, is provided to the President of the Senate, the Speaker of the House of Representatives, and the Chief Financial Officer of Florida.

Section 7 of SB 1786 may have a material impact on NICA’s reserves as it has the potential to shift a portion, or all, of the expenses previously paid by Medicaid to NICA. These expenses include Nursing, Hospital, Physician, Drug and miscellaneous expenses. However, until the Agency submits its report and public officials act upon it, it would be speculative to estimate the impact of any change in the current sharing of these expense items between NICA and Medicaid on either a prospective (i.e. expenses paid after the law change) or retrospective basis (i.e. expenses paid by Medicaid prior to the law change). As additional information is gathered, and definite policies and protocols are implemented, we will refine our estimate of the impact of SB 1786 and include them in our subsequent estimates of NICA’s outstanding loss and LAE reserves.

Methodology

The methodology used in this report is similar to that used in our most recent previous report except we have enhanced our analysis of the estimated ultimate accepted claim counts (See Exhibit X). The paid and incurred loss and ALAE information shown in exhibits beginning with Exhibit I, Sheet 3c and continuing to the end of the report are adjusted to exclude the retrospective portion of the

September 2012 class action. This change in procedure was included in our reports beginning with the September 2012 report. The retrospective portion of the class action is shown separately (Exhibit I, Sheet 3b) due to the short-term nature of these payments. As shown on Exhibit I, Sheet 3b, the majority of the payments related to retrospective portion of the class action have been made as of June 30, 2021.

The loss and LAE reserve amounts excluding the payments related to the retrospective portion of the class action are shown on Exhibit I, Sheet 3c. Specifically, the loss and LAE reserve amounts as set forth in Exhibit I, Sheet 3c and all following exhibits are based on information that excludes the retrospective portion of the class action settlement agreement shown in Exhibit I, Sheet 3b. The amounts shown in Exhibit I, Sheet 3a include both the retrospective portion shown in Exhibit I, Sheet 3b plus the estimates related to all other items as shown in Exhibit I, Sheet 3c.

As mentioned previously, the loss and LAE reserve estimates shown in this report are adjusted to include the impact of prospective period inflation and anticipated investment income. The procedure used to estimate the loss and LAE reserves for all estimated NICA benefits, with the exception of those related to the retrospective portion of the class action settlement agreement, includes a three-step process. This three-step process is intended to explicitly recognize the impact of inflation and anticipated investment income. The “first step” is to adjust actual NICA historical paid and incurred loss development information to eliminate the historical impact of inflation on the paid and incurred loss development information. The actual historical incremental loss payments and case outstanding loss reserves are shown in Exhibit IX, Sheets 3a, 3b, and 3c, and Sheets 4a, 4b, and 4c, respectively. The historical loss payments and case reserve amounts are adjusted to eliminate the estimated impact of inflation. The incremental loss payments and case outstanding loss reserves after adjustment to eliminate the impact of inflation are shown in Exhibit IX, Sheets 1a, 1b, and 1c, and Sheets 2a, 2b, and 2c,

respectively. The paid and case reserve amounts shown on Exhibit IX, Sheets 1a, 1b, and 1c, and Sheets 2a, 2b, and 2c are adjusted to birth year cost levels. The birth year level paid and case outstanding amounts are used to develop the adjusted paid and incurred loss development triangles as shown in Exhibit VIII, Sheets 2a and 2b, and Exhibit VII, Sheets 2a and 2b, respectively.

The “second step” in the three-step process is to adjust the birth year cost level estimates of outstanding loss and ALAE (see Exhibit IV, Sheet 1, Column (7)) to current (2021) cost levels. The adjustment of birth year level estimates of outstanding loss and ALAE related to all NICA benefits (except for the estimated retrospective portion of the September 2012 class action settlement) to 2021 cost level is shown in Exhibit III.

The final or “third” step in the three-step loss reserve estimation process is to adjust the 2021 cost level loss reserve estimates referenced above to include the estimated impact of prospective inflation (2021 and subsequent) and anticipated investment income (discount). The prospective period inflation rate is based on a review of historical and recent inflation rates as measured by the Consumer Price Index (both the all items and medical services indices) over the time period from 1960 to 2020. The prospective period investment returns are selected based on the review of geometric averages for investment returns for a model portfolio invested per NICA’s current investment policy and for a conservative model portfolio over the period from 1926 to present as well as actual NICA investment returns over the period from 1991 to present. While the actual prospective period inflation rates and investment returns are subject to a significant degree of uncertainty the difference or increment between inflation and investment returns is of primary importance.

Based on a review of actual inflation and investment returns we selected an increment of one and one – half percent (1.50 %) and a prospective period inflation (combination of all items and medical services) rate of three and one-half (3.50%)

percent. The indicated investment return percentage is then calculated to be five percent. In order to illustrate the impact on the loss reserve estimates of changes in the overall inflation and investment returns we also have included a range of estimates based on increments (average investment return minus average inflation rate) of one and two percent in addition to our selected estimate of one and one – half (1.50%) percent.

The loss and ALAE reserve estimates are developed based on the selected prospective period inflation rate, investment return and the assumed loss payment pattern for each birth year. The loss and ALAE payment patterns are developed separately for each birth year and are based on the estimated payments as shown in the NICA case reserve worksheets for the current open accepted claims. Due to the small number of open claims and the variability in the life expectancy for each claimant the payment patterns can vary by birth year. The estimated future period claim payments as shown in the NICA case reserve worksheets are all expressed at current (2021) cost levels. These prospective period claim payments are adjusted to include consideration of mortality on the prospective period loss and ALAE payment pattern. A summary of the estimated 2021 cost level payment patterns for each birth year are shown in Appendix A, Exhibit I, Sheets 1a, 1b, 2a, 2b, 3a, 3b, 4a, and 4b. An example of the calculation of the 2021 cost level payment pattern for the 1996 birth year is shown in Appendix A, Exhibit II, Sheets 1a, 1b, 2a, 2b, 3a, and 3b.

The loss reserves are developed based on a combination of the inflation rate, investment returns, estimated 2021 level loss and ALAE reserves by birth year and the assumed 2021 level payment pattern applicable to each birth year. The loss and ALAE reserves on a 2021 cost level basis, after prospective period inflation but before anticipated investment income and after prospective period inflation and anticipated investment income are shown in columns (6), (7) and (8) of Exhibit I, Sheet 5, respectively.

Description of Loss Estimation Methods

The birth year level paid and incurred loss development triangles (i.e. after adjustment to eliminate the impact of inflation) are used to develop estimates of ultimate losses for each birth year. The historical NICA inflation rates used to restate actual NICA loss and ALAE payments and case outstanding amounts are estimated separately for loss and ALAE payments and case outstanding amounts. The estimated NICA inflation rates are shown in Exhibit IX, Sheets 8a, 8b and 8c on both a paid and case outstanding basis. Additional information related to the calculation of the historical NICA inflation rates is shown in Appendix B.

The estimated ultimate loss and ALAE by birth year related to all NICA benefits except for the retrospective portion of the class action settlement are selected based on the review of six loss estimation methods. The six methods used in the development of estimated birth year level ultimate loss and ALAE include two traditional loss development methods (i.e. paid and incurred loss projections), a frequency / severity method, the Bornhuetter – Ferguson (BF) method, a Cape Cod method, and an incremental payment method. The final indicated ultimate loss and ALAE based on each method in addition to the final selected birth year level estimates are shown in Exhibit IV, Sheet 2.

The projection methods (shown in Sheet 1 of Exhibits VII and VIII) are based on the review of historical NICA paid and incurred loss development (after elimination of the impact of inflation) for a given birth year. The loss and ALAE payment and reporting patterns experienced for the more mature birth years are used in order to estimate expected future development applicable to the more immature birth years. The frequency / severity method shown in Exhibit VI, Sheet 1 is based on the estimation of the average claim size and the estimated ultimate number of accepted claims excluding the deceased claims when reported to NICA for each birth year. Specifically, the average claim size for each birth year is calculated as a weighted average of the average claim size shown for each individual birth year and the average claim size developed based on all birth years combined. In the

more recent birth years, relatively greater weight is provided to the average claim size developed for all years combined.

The BF method summarized in Exhibit V is a combination of the actual birth year level incurred loss and ALAE as of June 30, 2021 (shown in column (5)) and estimated unreported loss and ALAE (shown in column (4)). The unreported loss and ALAE is developed using the loss reporting pattern developed based on the NICA incurred loss and ALAE development triangle shown in Exhibit VII, Sheets 2a and 2b and the estimated initial expected loss and ALAE by birth year based on the results of the frequency / severity method shown in Exhibit VI, Sheet 1, column (14).

The Cape Cod method shown in Exhibit VI, Sheet 2 is based on the estimated NICA exposure levels (i.e. insured physicians) by birth year, the estimated NICA loss reporting pattern and the actual NICA birth year level incurred loss and ALAE. An estimate of the 2021 level NICA pure premium is calculated by dividing the 2021 level incurred loss and ALAE for all birth years combined by the reported NICA exposures (i.e. insured physicians multiplied by estimated percent reported). The 2021 level NICA pure premium is adjusted to the historical birth year level cost basis and then used to estimate the unreported loss and ALAE for each birth year (column (10)). The indicated birth year level ultimate loss and ALAE is based on a combination of the unreported loss and ALAE shown in column (10) and the actual reported loss and ALAE shown in column (3).

The final method included is described as an incremental payment method. The estimated birth year level ultimate loss and ALAE developed using this method is shown in Appendix E. The birth year level estimates of ultimate loss and ALAE as shown in columns (6), (7) and (8) of Appendix E, Exhibit I, Sheet 1 are based on alternative technology (utilization) increases of 1.00%, 2.00% and 3.00%, respectively. The estimated birth year level ultimate loss and ALAE is a combination of actual loss and ALAE payments as of June 30, 2021 adjusted to

each birth year cost level and an estimate of the remaining birth year level loss and ALAE payments (i.e. outstanding loss and ALAE as of June 30, 2021). The estimated remaining birth year level payments are developed based on a combination of the remaining open accepted claimants by birth year and the estimated average incremental loss and ALAE payment per claimant.

The estimated incremental loss and ALAE payment per claimant is based on a review of the average NICA incremental loss and ALAE payments by development period. The actual incremental loss and ALAE payments are adjusted to 2021 level and used to estimate the average incremental payment per open accepted claim by development period (See Appendix E, Exhibit IV, Sheets 3a through 3d). The selected 2021 level average incremental loss and ALAE payments for development periods 390 months and subsequent are based on the actual averages for development periods prior to 390 months adjusted to include consideration of estimated changes in utilization (alternatives of 1.00%, 2.00% and 3.00%). The final 2021 level average incremental loss and ALAE payment per open claim is shown in Appendix E, Exhibit II, Sheet 1 (or Appendix E, Exhibit IV, Sheets 1a through 1d).

The selected 2021 level incremental loss and ALAE payment per claimant for each development interval is adjusted to the appropriate birth year level (as shown in Appendix E, Exhibit II, Sheet 3, Column (5)) and also to include differences in the average claimant severity by birth year (as shown in Appendix E, Exhibit II, Sheet 2, Column (5)). The estimated remaining open accepted claims by birth year and development period are based on a combination of the ultimate open accepted claimants by birth year as of June 30, 2021 (see Appendix E, Exhibit II, Sheet 3, Column (8)), reporting pattern (as shown in Exhibit X, Sheet 1c, Column (11)), and assumed mortality rates (see Appendix E, Exhibit V, Sheets 1a, 1b, 2a, 2b, 3a and 3b) developed using the average remaining life expectancy per open accepted claim (see Appendix E, Exhibit VII, Column (9)) for each birth year.

The estimated average remaining life expectancy per birth year is shown in Appendix E, Exhibit VII, Column (9). The remaining open accepted claimants by birth year and development period are shown in Appendix E, Exhibit III, Sheets 3a through 3g. The remaining birth year level incremental loss and ALAE payments are developed as a product of the average 2021 level incremental payments per claimant adjusted to each birth year cost / severity level and the remaining open accepted claims. The resulting estimated remaining birth year level incremental loss and ALAE payments are shown in Appendix E, Exhibit III, Sheets 1a through 1g. A summary of the combination of the actual birth year level payments as of June 30, 2021 and the estimated remaining payments is shown in Appendix E, Exhibit I, Sheet 1.

The four assumptions that most significantly impact the overall loss and LAE reserve estimate are as follows:

1. Incurred Loss Development Factor – 390 months to Ultimate
2. Prospective Period Average Inflation Rate
3. Prospective Period Average Investment Return
4. Loss and Loss Adjustment Expense Payment Pattern

The loss and LAE (ALAE and ULAE) reserve estimates based on our selected estimate for each of the first three assumptions are shown in Exhibit I, Sheet 1. In order to illustrate the impact of changes in these assumptions on the NICA loss reserve estimate we have provided a summary of alternative loss reserve estimates based on changes to each of these three assumptions. As mentioned previously the actual inflation rates and investment returns are not as critical as the difference in these two rates. A summary of the overall loss and ALAE (excluding ULAE) reserve estimates based on several alternative assumption sets is shown in Exhibit I, Sheet 4. Our actuarial central estimate is shown in the first line of the following table.

Inflation Rate -----	Investment Return -----	Tail Factor 390:Ult. -----	Present Value Outstanding Loss and ALAE Reserve in Million (\$) -----
3.50%	5.00%	1.0975	\$1,066.207
3.00%	5.00%	1.0975	\$970.159
4.00%	5.00%	1.0975	\$1,178.900
7.50%	9.00%	1.0975	\$1,069.847
3.50%	5.00%	1.1975	\$1,169.801
3.50%	5.00%	1.0000	\$965.491

As mentioned previously and illustrated above the final present value loss and ALAE reserve estimated for the period ending June 30, 2021 is sensitive to each of the four assumptions described previously. The most significant factors are the relationship between the anticipated inflation and investment income rates, the magnitude of the incurred loss development tail factor and the payment pattern applicable to each birth year. Due to the prospective nature of each of these assumptions any estimate is subject to uncertainty. In addition to the lack of comparable insurance industry data for use as a benchmark in the selection of the loss development factors, coupled with the long term over which payments are expected to be made creates levels of potential variation in excess of that normally experienced for long tailed lines of business. The remainder of this report summarizes the approach we have used in an effort to develop an estimate for each of these key assumptions.

The loss and allocated loss adjustment expense (ALAE) reserve estimates as developed in Exhibit II, Sheet 1 and subsequent do not include a provision for

unallocated loss adjustment expense (ULAE) reserves. ULAE reserves are intended to cover anticipated loss adjustment expenses not covered in the loss and ALAE reserve estimates.

The calculation of the ULAE reserve related to specific claims administration and settlement expenses for claims incurred prior to June 30, 2021 is shown in Exhibit I, Sheet 7. This procedure is similar to that utilized in the calculation of NICA loss and ALAE reserves in that current expense levels are projected forward to estimated prospective period cost levels and then adjusted to a present value basis. The present value calculation includes consideration of both anticipated investment income and expected mortality over the time period. The ULAE reserve shown in Exhibit I, Sheet 7 related to claim settlement is \$ 14.87 million.

The prospective period inflation rate of three (3%) percent is selected to project anticipated ULAE expense payment as opposed to the three and one-half (3.5%) percent inflation rate selected to inflate loss and ALAE reserve. The somewhat lower inflation rate is based on the greater concentration of general and administrative expense expected for prospective period ULAE payments.

The mortality adjustment is developed based on current estimates of remaining life expectancy as included in the current NICA reserve worksheets. The final mortality adjustment is a blended average of average mortality assumptions for each birth year.

Historical NICA Inflation

In order to measure NICA's historical inflationary increases in claims costs, we began by segregating NICA's claim costs into major claim cost groups. The following expense groups were identified:

Family Residential or Custodial Care
Nursing Care by Others

Legal Costs
Parental Awards
Medical Expenses
Other

Each of these major expense groups were then examined separately for inflationary impacts. For example, relative to nursing care, we tracked the hourly cost of nursing care as paid by NICA since the program began in 1989.

An increase in the hourly rate for most parents providing care occurred in June 2008. The increase in the hourly rate for most parents effective in June, 2008 (from \$9.70 per hour to \$15.00 per hour) resulted in cost under the expense category Nursing Care By Parents as shown on Appendix B, Exhibit I, Sheets 1, 2, and 3. Some of the major expense groups' inflation rates were estimated using CPI indices.

In addition, the daily rates used to estimate the future cost of custodial residential care were revised in December 2004, 2006, and 2012. The reserves for custodial residential care apply in the later years when the parents of NICA claimant have reached an age where they are no longer able to provide the level of care required. This change in the daily rate effectively results in the recognition of inflation that has taken place over a number of years related to the cost of custodial residential care. Since currently there are only two claims with current custodial residential care payments, this increase primarily affects case reserves. The estimated increase in the cost of custodial care recorded in 2004, 2006 and 2012 is 40%, 40%, and 95%, respectively.

We tabulated the total payments and case outstanding reserves by fiscal year for each of the major expense group. By far the largest expense category is nursing care. The historical inflation rate for each birth year is estimated by weighting the historical inflation rates by expense groups with that expense group's percentage

of total payments (or case reserves) by year. Overall, the historical “true” inflation rate for NICA has been minimal. On a paid basis inflation has averaged approximately one percent over the time period from inception (1989) to current (2021) with the only major increase occurring during 2008 and 2009. This inflation rate does not include increases related to increased utilization of certain types of nursing and custodial care or increases in longevity relative to the initial estimates. These increases are reflected in the loss development triangles and are assumed to continue although at a decreasing rate as indicated by the declining loss development factors in the later development periods.

Prospective NICA Inflation

Future inflation is estimated as a differential to various consumer price indices depending on the type of expense. The largest category, nursing expense, is assumed to increase at approximately one to two percent above the CPI – all indices annual increase. The overall average annual NICA inflation rate is estimated to be 1.00 to 2.00 percent above the CPI – All items index. We are assuming a 2.00 % increase in CPI – All items currently which gives a current estimate of inflation of 3.50 %.

Discount Rate

Because of the long term nature of the liabilities of NICA it is reasonable to base discount rates to be used in the determination of NICA’s reserve liabilities on a conservative estimate of investment returns likely to be realized on NICA’s assets over a long term horizon. In determining assumptions for inflation and discount rates, we begin with the consumer price index for all items and determine anticipated inflation and discount rates based on long term relationships to the consumer price index.

The discount rate assumption is selected based on reasonable expectations for a prudent, conservative investment strategy. Appendix B, Exhibit II, Sheets 1 and 2 show the change in the CPI all items index as compared to returns for various

classes of investments from 1926-2020. Specifically, we have examined returns for both large and small company stocks, long and intermediate government bonds, and treasury bills. These indices are taken from Ibbotson's 2009 SBBI Classic Yearbook and updated based on recent Federal Reserve data and U.S. Bureau of Labor Reports. We then calculated estimates of the overall return based on two "model" portfolios. One model portfolio is based on an asset allocation of 44% stocks and 56% fixed income. This model portfolio is labeled Model Portfolio (as shown in Column (13) of Appendix B, Exhibit II, Sheets 1, 2, and 3). The second model portfolio is based on an asset allocation of 35% stocks, 60% bonds and 5% short term. This model portfolio is labeled Conservative Model Portfolio (as shown in Column (14) of Appendix B, Exhibit II, Sheets 1, 2, and 3).

We also calculated the geometric average return, the arithmetic average return, and the standard deviation for each class of investment and the model portfolios. Returns were then calculated for the periods 1926-1929, 1930-1939, 1940-1949, 1950-1959, 1960-1969, 1970-1979, 1980-1989, 1990-1999, 2000-2009 and 2010-2019.

Overall, the results of the two model portfolios over ten year periods average from 0 % to 10 % above the CPI - All items index. Actual results for NICA were also calculated for the period 1991-2020. NICA's actual results were adversely affected by the dramatic decline in the stock market in 2008. Overall NICA's actual returns over the period from 1991 to 2020 have averaged approximately 3.9% above the CPI – All items index.

Based on this analysis, we recommend that the discount rate used in the discounting of NICA's reserve liabilities ranges from 2 % to 4 % above the CPI - All items index. In our current reserve calculations we have assumed a 3.0 % spread to the CPI - All items index. Based on a current selected CPI – All items inflation rate of two percent this produces a discount rate of 5.0 %. The 5.0 % appears to be reasonable based on NICA's actual average investment returns for the last

twenty-eight years and based on the long-term average as indicated for the Conservative model portfolio.

It should be noted that in valuing NICA's reserve liabilities, the spread between inflation and interest rates is the key variable rather than the nominal values of each. Here we have assumed a 1.50 % spread between the medical inflation rate and the investment rate. At current levels of inflation and interest, this produces an assumption of 3.50 % for inflation and 5.00 % for interest income. If it turns out to be 5.00 % inflation and 6.50 % interest income, this has a minimal impact on the overall reserve levels. It is the spread between these two key factors that is the critical variable.

Payment Pattern

The selection of the appropriate payment pattern is required to adjust current (2021) level loss reserves for both the estimated impact of future inflation and the consideration of anticipated investment income. The selected payment pattern has a significant impact on the final present value loss and loss adjustment expense reserve. Due to the long-term nature of the NICA liabilities changes in the estimated payment pattern will likely evolve over time as additional NICA payment experience emerges.

The current selected loss and ALAE payment pattern varies by birth year and is based on a combination of the of the actual loss and ALAE payments made to date and the estimated future loss and ALAE payments as shown in the NICA case reserve worksheets. The estimated future loss and ALAE payments shown in the NICA case reserve worksheets are stated on current (2021) loss and expense levels. The estimated future loss and ALAE payments shown in these worksheets are adjusted to reflect the estimated impact of mortality. The survival probabilities used in this adjustment are based on the life expectancy as established by the NICA designated consulting physician. A slight change was made beginning December 31, 2013 in the life expectancies used in the development of the case

reserve worksheets. The change is related to the claimants whose life expectancy remained the same based on the current review in comparison to the life expectancy established in the prior review by NICA's consulting physician. For these claimants the estimated remaining life expectancy was adjusted to account for the reduction in life expectancy that would be expected for one additional year of survival.

An example of the procedure used to estimate the payment pattern for birth year 1996 is shown in Appendix A, Exhibit II, Sheets 1a, 1b, 2a, 2b, 3a, and 3b. As described above the payment pattern selected for the 1996 birth year is based on a combination of loss and expense payments made to date relative to the estimated ultimate loss and expense and the estimated future loss and ALAE payment based on the individual case reserve worksheets (adjusted for the probability of survival). A summary of the development of the remaining estimated payout percentages for the case reserve portion of the six open claims with reserve worksheets for the 1996 birth year is shown in Appendix A. The reserve payment pattern is combined with the actual payment pattern (1996 to 2021) to develop a full payment pattern for the 1996 birth year.

This process is repeated for each birth year and the resulting payment patterns are used for the birth years 2012 and prior. Alternatively, the loss and ALAE payment pattern used for birth years 2013 and subsequent is based on an average of the individual loss and ALAE payment patterns developed for 2012 and prior. The average payment pattern is used for the more recent birth years due to the relative immaturity of the case reserve estimates of the more recent birth years.

Incurred Projection Cumulative Development Factor

Due to the lack of available incurred loss and expense development information subsequent to 390 months of maturity (1989 birth year evaluated as of June 30, 2021) and the likelihood of continued incurred loss and expense development in the development periods subsequent to 390 months, we developed an estimate of

the remaining future loss development (tail factor) excluding the impact of anticipated inflation. The estimated paid and incurred development factors as developed in Appendix C are intended to capture the incurred and paid loss development over the remaining life of the NICA claims.

The calculation of the paid and incurred tail factors are based on the comparison of birth year level ultimate loss and ALAE as indicated by the incremental payment method to the indicated paid and incurred loss and ALAE projections without the inclusion of the tail factors to include development after 390 months. The indicated birth year level ultimate loss and ALAE based on the incremental payment method at 2.00% utilization rate is shown in Appendix E, Exhibit I, Sheet 1, Column (7). A summary of the calculation of the indicated tail factors as well as the final selected paid and incurred tail factors is shown in Appendix C, Exhibits I, and II, respectively.

Risk Margin

Actuaries using a discounted property/casualty loss and loss adjustment expense reserve may include an appropriate risk margin. As part of our determination of actuarially sound and appropriate reserve levels for NICA, we have determined a risk margin to include consideration of the process variation in the aggregate loss and LAE reserve shown in this report.

In order to determine an appropriate risk margin, we used a simulation model that simulates the ultimate amount of NICA claims open as of December 31, 2020. Thirty-two years of data are incorporated into the model (1989-2020). The data is based upon the actual claim count and claim payments reported by year to NICA, as well as estimated ultimate loss reserves and claim counts. The model is a frequency / severity model where the number of unpaid claims is first modeled and then the severity for each open claim is simulated. For years 1989 to 2015 the open claim count per year is fixed since there is a five year reporting requirement for claims to be made (prior to the 1995 birth year the claim reporting requirement

was seven years). For the five years from 2016 to 2020, the number of unreported claims per year is randomly generated based upon accepted claims reported to date and an estimate of the unreported claims. Once the number of claims is determined the severity of each individual open claim is then randomly simulated. The simulated severities are tested to be consistent with the estimated outstanding losses divided by the open claims. Losses for each year are simulated and summed across all thirty-one years to determine the aggregate losses for all years. We ran 10,000 iterations to develop a distribution of aggregate losses. In order to determine the risk margin we calculate the mean loss and the losses at the various confidence level percentiles.

In our work for self-insured entities, we have found that most prudent self-insured's use a risk margin determined at a confidence level varying from 75% to 90%. In the past, NICA has used a contingency reserve developed at approximately the 75% to 80% confidence level. The contingency margin is reviewed on an annual basis. Based on the most recent review as of December 31, 2020, we recommended a continuation of the gross risk margin of \$75.5 million. This produces a confidence level of approximately 80% that the reserves held by NICA will be adequate to cover its future incurred loss and loss adjustment expense levels for birth years from 1989 to 2020. The table shown on the following page summarizes the indicated gross risk margins at various confidence levels as of December 31, 2020.

Confidence Level	Indicated Gross Risk Margin
-----	-----
70.0%	\$ 43.21 Million
75.0%	\$ 58.50 Million
76.0%	\$ 61.86 Million
77.0%	\$ 64.91 Million
78.0%	\$ 68.43 Million
79.0%	\$ 72.14 Million
80.0%	\$ 75.40 Million
85.0%	\$ 96.85 Million
90.0%	\$ 126.37 Million
95.0%	\$ 172.29 Million

The calculated risk margins include consideration of potential adverse deviation from the discounted actuarial central reserve estimate due to process variation in the overall claim amounts (i.e. frequency and severity). The above margin does not include consideration of potential deviation due to parameter variation, including the variation in the inflation and investment parameters used in the calculation of NICA loss reserves. In addition, the above calculation does not include consideration of the additional uncertainty created as a result of the passage of SB 1786 in May 2021 subsequent to the evaluation date of the loss and LAE reserves shown in this report.

Reinsurance Recoveries

NICA purchased reinsurance coverage excess of specific and aggregate attachments related to claims incurred during birth years from 1992 to 2003. The reinsurance coverage related to birth years 1992 and 1993 was commuted in 1998 and 2006, respectively. The reinsurance treaties provided by AUL/RMS, the reinsurer for birth years 1994 to 1998, and Munich Re, the reinsurer providing the specific excess coverage and aggregate excess coverage above \$ 23.0 million for birth years 1999 to 2001 has also been commuted. NICA received \$ 10.0 million and \$ 10.6 million in January 2013 from AUL/RMS and Munich Re, respectively for the commutation of specific and aggregate excess coverage provided under the

two sets of reinsurance treaties. These agreed commutation amounts have been allocated to each respective birth year based on the previously estimated recovery amounts. Subsequently, the reinsurance treaties issued by Gen Re, which provided aggregate excess coverage only for birth years 1999 to 2001 (\$ 3.0 million excess of \$ 20.0 million) and also provided specific and aggregate excess coverage for claims incurred during birth years 2002 and 2003 have been commuted. NICA received \$ 15,990,545 in July 2019 from Gen Re for the commutation of the specific and aggregate excess coverage as well as the profit sharing related to these treaties. A summary of the actual reinsurance recoveries received by NICA is shown in Exhibit I, Sheets 4a and 4b.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment IncomePrior to Consideration of Reinsurance Recoveries / Recoverables
Evaluated As of June 30, 2021

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 390 to Ult.	1.0975

After Including Additional Reserves Related to S.B. 1786 (a)

Birth Year	Current Level Before Inflation and Present Value Adjust.		Actual Paid Loss and Expense	Loss & Expense - After Inflation and Present Value Adjustment			Selected Ultimate Loss and Expense Present Value Basis (4) + (7)
	Case Outstanding	Total Outstanding		-----			
				Case Outstanding	Incurred But Not Reported (IBNR) & Bulk	Total Outstanding	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	11,815,952	16,586,471	16,095,425	9,256,078	3,575,162	12,831,241	28,926,665
1990	6,577,852	9,596,681	7,279,050	5,452,636	2,403,752	7,856,388	15,135,437
1991	17,194,792	21,258,409	11,025,636	13,564,478	3,019,701	16,584,179	27,609,816
1992	34,980,083	44,891,664	19,025,458	27,205,208	7,325,329	34,530,537	53,555,995
1993	26,937,984	36,805,269	24,208,101	20,806,544	7,306,676	28,113,220	52,321,321
1994	14,445,708	19,398,199	8,533,160	10,383,936	3,400,894	13,784,830	22,317,990
1995	22,598,457	28,990,585	12,923,794	17,349,195	4,659,555	22,008,750	34,932,543
1996	21,461,491	27,738,855	11,559,470	16,783,497	4,700,194	21,483,690	33,043,160
1997	32,115,893	42,503,496	15,094,946	24,335,708	7,473,437	31,809,145	46,904,091
1998	51,382,600	66,194,576	26,132,191	38,478,895	10,705,806	49,184,701	75,316,893
1999	14,384,795	21,191,572	13,616,616	11,622,277	5,349,340	16,971,617	30,588,233
2000	11,598,303	16,920,490	7,366,072	8,866,196	3,931,508	12,797,704	20,163,776
2001	21,964,825	28,956,473	9,627,772	16,672,547	5,123,490	21,796,037	31,423,809
2002	55,715,730	73,335,078	20,869,046	42,700,237	13,035,562	55,735,799	76,604,845
2003	11,931,831	15,449,826	5,946,758	9,794,635	2,795,694	12,590,330	18,537,087
2004	23,947,570	31,638,313	6,697,646	17,723,195	5,460,689	23,183,884	29,881,529
2005	26,983,041	37,452,672	10,281,825	19,606,548	7,425,345	27,031,894	37,313,718
2006	42,227,039	56,201,035	12,003,689	31,580,650	10,114,578	41,695,228	53,698,917
2007	29,184,794	39,450,345	12,913,329	22,105,711	7,617,976	29,723,687	42,637,016
2008	47,310,967	63,474,880	8,151,387	33,715,333	11,218,351	44,933,683	53,085,071
2009	55,125,267	73,855,647	10,489,864	39,986,443	13,206,096	53,192,539	63,682,403
2010	29,202,722	40,504,324	3,869,633	19,720,471	7,486,790	27,207,261	31,076,894
2011	47,337,986	65,430,819	6,820,076	33,115,023	12,421,398	45,536,421	52,356,497
2012	32,501,239	45,048,465	4,550,584	22,169,307	8,408,163	30,577,470	35,128,053
2013	25,718,605	36,562,728	6,675,800	17,264,890	7,265,869	24,530,759	31,206,559
2014	30,323,677	45,486,843	7,529,941	20,229,343	10,085,602	30,314,946	37,844,887
2015	60,363,830	90,534,057	6,800,447	40,234,021	19,919,120	60,153,141	66,953,588
2016	18,330,535	33,449,286	1,410,403	12,264,003	10,011,754	22,275,757	23,686,160
2017	37,525,076	70,056,274	3,398,739	24,812,833	21,520,521	46,333,354	49,732,094
2018	49,214,225	92,406,685	4,728,346	32,399,818	28,443,436	60,843,254	65,571,600
2019	37,174,014	91,697,230	2,542,682	24,344,469	35,929,748	60,274,217	62,816,899
2020	10,373,533	79,486,297	22,378	6,836,060	45,590,727	52,426,786	52,449,165
2021 (6 Mo)	-	42,612,618	-	-	27,894,216	27,894,216	27,894,216
Totals:							
Excl. ULAE	957,950,418	1,505,166,162	318,190,264	691,380,184	374,826,479	1,066,206,663	1,384,396,928
ULAE (b)	N/A	N/A	N/A	-	14,872,032	14,872,032	N/A
Incl. ULAE	N/A	N/A	N/A	691,380,184	389,698,511	1,081,078,695	N/A

Notes: (a) Exhibit I, Sheet 3a plus Exhibit I, Sheet 2. The estimates shown on Exhibit I, Sheet 3a are prior to inclusion of the additional reserves related to SB 1786 benefit changes. Exhibit I, Sheet 2 summarizes the additional amounts related to the retrospective portion of SB 1786.

(b) See Exhibit I, Sheet 7. ULAE reserve estimates are developed based on an assumed expense inflation rate of three percent and investment return of five percent.

Summary of Retroactive Portion Related to SB 1786 Benefit Changes

Evaluated As of June 30, 2021

Additional Amounts Related to S.B. 1786 (a)

Birth Year	Current Level Before Inflation and Present Value Adjust.		Actual Paid Loss and Expense	Loss & Expense - After Inflation and Present Value Adjustment			Selected Ultimate Loss and Expense Present Value Basis (4) + (7)
	Case Outstanding	Total Outstanding		Case Outstanding	Incurred But Not Reported (IBNR) & Bulk	Total Outstanding	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	690,000	1,710,910	490,000	582,206	651,940	1,234,146	1,724,146
1990	460,000	1,323,624	450,000	352,206	606,965	959,171	1,409,171
1991	700,000	2,141,038	300,000	556,275	951,470	1,507,744	1,807,744
1992	690,000	4,279,484	1,350,000	366,618	2,377,071	2,743,689	4,093,689
1993	670,000	3,960,903	1,250,000	382,549	2,193,380	2,575,929	3,825,929
1994	750,000	2,398,460	450,000	642,206	1,050,743	1,692,949	2,142,949
1995	550,000	2,786,160	750,000	370,343	1,459,169	1,829,512	2,579,512
1996	1,100,000	3,024,990	600,000	884,412	1,301,682	2,186,094	2,786,094
1997	1,290,000	5,034,892	750,000	1,002,549	2,445,345	3,447,895	4,197,895
1998	840,000	4,689,178	1,650,000	444,755	2,456,120	2,900,875	4,550,875
1999	850,010	1,694,523	450,000	742,216	556,520	1,298,735	1,748,735
2000	740,000	1,757,737	300,000	632,206	668,347	1,300,553	1,600,553
2001	610,000	2,237,034	600,000	466,275	1,052,260	1,518,534	2,118,534
2002	1,280,000	5,956,512	1,690,034	812,892	3,076,277	3,889,169	5,579,203
2003	420,000	1,043,484	450,000	312,206	411,451	723,657	1,173,657
2004	680,000	2,662,794	600,000	500,343	1,235,617	1,735,960	2,335,960
2005	740,000	3,326,470	900,000	488,481	1,682,458	2,170,939	3,070,939
2006	910,000	4,737,765	1,050,000	586,618	2,503,370	3,089,987	4,139,987
2007	700,000	2,238,819	940,000	448,481	982,967	1,431,448	2,371,448
2008	1,090,000	5,757,565	790,034	766,618	3,023,155	3,789,773	4,579,807
2009	930,000	4,909,896	1,350,000	570,686	2,478,195	3,048,881	4,398,881
2010	830,000	4,279,431	450,000	650,343	2,209,118	2,859,462	3,309,462
2011	1,110,000	6,512,837	1,050,000	750,686	3,537,099	4,287,785	5,337,785
2012	810,000	4,789,980	750,000	558,481	2,566,004	3,124,485	3,874,485
2013	510,000	2,960,900	1,050,000	258,481	1,603,573	1,862,054	2,912,054
2014	760,000	3,368,367	1,200,000	436,618	1,680,231	2,116,849	3,316,849
2015	1,870,000	7,906,433	1,350,000	1,345,402	3,874,181	5,219,584	6,569,584
2016	970,000	3,955,713	340,034	790,343	1,992,971	2,783,314	3,123,348
2017	1,580,000	8,649,456	900,000	1,177,569	4,778,452	5,956,021	6,856,021
2018	1,930,000	11,145,134	1,200,000	1,455,706	6,207,730	7,663,436	8,863,436
2019	1,100,000	11,132,080	600,000	826,922	6,924,870	7,751,792	8,351,792
2020	380,000	11,466,228	0	351,255	7,937,301	8,288,556	8,288,556
2021 (6 Mo)	0	5,943,114	0	0	4,296,788	4,296,788	4,296,788
Totals:	28,540,010	149,781,912	26,050,102	20,512,946	80,772,820	101,285,766	127,335,868

Note: (a) See Appendix F, Exhibit III, Sheet 1. In May 2021, the Florida Legislature passed Senate Bill 1786 (SB 1786), which resulted in changes to the benefit obligations of NICA. Current estimates of potential retrospective payments related to the SB 1786 benefit changes are excluded from the NICA reserve estimates as developed in Exhibit I, Sheet 3a and subsequent. Additional reserves related to the SB 1786 are developed in Appendix F. The total reserves as shown in Exhibit I, Sheet 1 include both the retrospective estimates related to the SB 1786 plus the estimates for all prospective amounts.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment IncomePrior to Consideration of Reinsurance Recoveries / Recoverables
Evaluated As of June 30, 2021

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 390 to Ult.	1.0975

After Consideration of Class Action
Before Consideration of SB 1786

Birth Year	Current Level Before Inflation and Present Value Adjust.		Actual (b) Paid Loss and Expense	Loss & Expense - After Inflation and Present Value Adjustment			Selected Ultimate Loss and Expense Present Value Basis (4) + (7)
	Case (a) Outstanding	Total (a) Outstanding		Case (a) Outstanding	Incurred But Not Reported (IBNR) & Bulk (7) - (5)	Total (a) Outstanding	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	11,125,952	14,875,561	15,605,425	8,673,872	2,923,222	11,597,094	27,202,519
1990	6,117,852	8,273,057	6,829,050	5,100,430	1,796,787	6,897,217	13,726,266
1991	16,494,792	19,117,371	10,725,636	13,008,204	2,068,231	15,076,435	25,802,071
1992	34,290,083	40,612,180	17,675,458	26,838,590	4,948,258	31,786,848	49,462,306
1993	26,267,984	32,844,366	22,958,101	20,423,995	5,113,296	25,537,291	48,495,392
1994	13,695,708	16,999,739	8,083,160	9,741,730	2,350,150	12,091,880	20,175,040
1995	22,048,457	26,204,425	12,173,794	16,978,852	3,200,386	20,179,238	32,353,031
1996	20,361,491	24,713,865	10,959,470	15,899,085	3,398,511	19,297,596	30,257,066
1997	30,825,893	37,468,604	14,344,946	23,333,159	5,028,092	28,361,251	42,706,197
1998	50,542,600	61,505,398	24,482,191	38,034,140	8,249,686	46,283,826	70,766,017
1999	13,534,785	19,497,049	13,166,616	10,880,061	4,792,820	15,672,881	28,839,498
2000	10,858,303	15,162,753	7,066,072	8,233,990	3,263,161	11,497,151	18,563,223
2001	21,354,825	26,719,440	9,027,772	16,206,272	4,071,230	20,277,503	29,305,275
2002	54,435,730	67,378,566	19,179,012	41,887,344	9,959,286	51,846,630	71,025,642
2003	11,511,831	14,406,342	5,496,758	9,482,430	2,384,243	11,866,673	17,363,430
2004	23,267,570	28,975,518	6,097,646	17,222,851	4,225,072	21,447,923	27,545,569
2005	26,243,041	34,126,202	9,381,825	19,118,068	5,742,887	24,860,955	34,242,779
2006	41,317,039	51,463,269	10,953,689	30,994,032	7,611,209	38,605,241	49,558,930
2007	28,484,794	37,211,526	11,973,329	21,657,231	6,635,009	28,292,239	40,265,569
2008	46,220,967	57,717,315	7,361,353	32,948,715	8,195,196	41,143,911	48,505,264
2009	54,195,267	68,945,751	9,139,864	39,415,757	10,727,901	50,143,658	59,283,522
2010	28,372,722	36,224,893	3,419,633	19,070,128	5,277,671	24,347,799	27,767,433
2011	46,227,986	58,917,981	5,770,076	32,364,336	8,884,299	41,248,635	47,018,712
2012	31,691,239	40,258,485	3,800,584	21,610,826	5,842,159	27,452,985	31,253,569
2013	25,208,605	33,601,828	5,625,800	17,006,409	5,662,296	22,668,705	28,294,506
2014	29,563,677	42,118,476	6,329,941	19,792,726	8,405,372	28,198,097	34,528,038
2015	58,493,830	82,627,624	5,450,447	38,888,619	16,044,939	54,933,558	60,384,004
2016	17,360,535	29,493,574	1,070,369	11,473,660	8,018,783	19,492,442	20,562,812
2017	35,945,076	61,406,817	2,498,739	23,635,264	16,742,070	40,377,334	42,876,073
2018	47,284,225	81,261,551	3,528,346	30,944,111	22,235,707	53,179,818	56,708,165
2019	36,074,014	80,565,150	1,942,682	23,517,547	29,004,878	52,522,424	54,465,106
2020	9,993,533	68,020,068	22,378	6,484,805	37,653,426	44,138,230	44,160,609
2021 (6 Mo)	-	36,669,504	-	-	23,597,428	23,597,428	23,597,428
Totals:							
Excl. ULAE	929,410,408	1,355,384,250	292,140,163	670,867,238	294,053,659	964,920,897	1,257,061,060
ULAE (c)	N/A	N/A	N/A	-	14,872,032	14,872,032	N/A
Incl. ULAE	N/A	N/A	N/A	670,867,238	308,925,691	979,792,929	N/A

Notes: (a) Exhibit I, Sheet 3c plus Column (4) of Exhibit I, Sheet 3b. The estimates shown on Exhibit I, Sheet 3c are prior to inclusion of the reserve estimate for the retrospective portion of the class action settlement. Exhibit I, Sheet 3b summarizes the estimated reserves related to the retrospective portion of the class action.

(b) See Exhibit I, Sheet 3c, Column (4) plus Exhibit I, Sheet 3b, Column (3).

(c) See Exhibit I, Sheet 7. ULAE reserve estimates are developed based on an assumed expense inflation rate of three percent and investment return of five percent.

Summary of Case Reserves Related to Retroactive Portion of Class Action Settlement Agreement

Evaluated As of June 30, 2021

Class Action Settlement Agreement			
Birth Year	Incurred Amounts Related to Retroactive Payments (a) @ 6/30/21	Amounts Paid as of 6/30/21 Related to Retroactive Payments (a)	Case Reserves Related to Retroactive Payments (a) @ 6/30/21 (2) - (3)
(1)	(2)	(3)	(4)
1989	261,214	261,214	-
1990	758,051	758,051	-
1991	792,094	792,094	-
1992	1,951,145	1,951,145	-
1993	910,230	910,230	-
1994	634,196	634,196	-
1995	910,904	910,904	-
1996	797,021	797,021	-
1997	1,624,160	1,624,160	-
1998	2,006,630	2,006,630	-
1999	873,581	873,581	-
2000	599,907	589,907	10,000
2001	115,547	115,547	-
2002	840,587	840,587	-
2003	-	-	-
2004	-	-	-
2005	-	-	-
2006	-	-	-
2007	-	-	-
2008	-	-	-
2009	-	-	-
2010	-	-	-
2011	-	-	-
2012	-	-	-
2013	-	-	-
2014	-	-	-
2015	-	-	-
2016	-	-	-
2017	-	-	-
2018	-	-	-
2019	-	-	-
2020	-	-	-
2021 (6 Mo)	-	-	-
Totals:	13,075,266	13,065,266	10,000

Note: (a) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action settlement. The reserve estimates for the retrospective portion of this class action are excluded from the NICA reserve estimates as developed in Exhibit I, Sheet 3c and subsequent. The total reserves as shown in Exhibit I, Sheet 3a include both the retrospective estimates shown above plus the estimates for all prospective amounts excluding the additional amounts related to SB 1786.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment IncomePrior to Consideration of Reinsurance Recoveries / Recoverables - Prior to Inclusion of Retrospective Portion of Class Action
Evaluated As of June 30, 2021

Assumptions :

- (1) Prospective Inflation Rate (Est.) 3.50%
 (2) Prospective Investment Return (Est.) 5.00%
 (3) Incurred Loss Development Factor - 390 to Ult. 1.0975

Excludes Case Reserves Related to Anticipated Retroactive Class Action Payments (a)

Birth Year	Current Level Before Inflation and Present Value Adjust.		Loss & Expense - After Inflation and Present Value Adjustment				Selected Ultimate Loss and Expense Present Value Basis (4) + (7)	Average Inflation & Present Value Factor (7) / (3)
	Case (b) Outstanding	Total (b) Outstanding	Actual (b) Paid Loss and Expense	Case (c) Outstanding (2) X (9)	Incurred But Not Reported (IBNR) & Bulk (7) - (5)	Total (c) Outstanding		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	11,125,952	14,875,561	15,344,211	8,673,872	2,923,222	11,597,094	26,941,305	0.77961
1990	6,117,852	8,273,057	6,070,999	5,100,430	1,796,787	6,897,217	12,968,215	0.83370
1991	16,494,792	19,117,371	9,933,542	13,008,204	2,068,231	15,076,435	25,009,977	0.78862
1992	34,290,083	40,612,180	15,724,313	26,838,590	4,948,258	31,786,848	47,511,161	0.78269
1993	26,267,984	32,844,366	22,047,871	20,423,995	5,113,296	25,537,291	47,585,162	0.77752
1994	13,695,708	16,999,739	7,448,965	9,741,730	2,350,150	12,091,880	19,540,845	0.71130
1995	22,048,457	26,204,425	11,262,889	16,978,852	3,200,386	20,179,238	31,442,127	0.77007
1996	20,361,491	24,713,865	10,162,449	15,899,085	3,398,511	19,297,596	29,460,045	0.78084
1997	30,825,893	37,468,604	12,720,785	23,333,159	5,028,092	28,361,251	41,082,036	0.75693
1998	50,542,600	61,505,398	22,475,562	38,034,140	8,249,686	46,283,826	68,759,388	0.75252
1999	13,534,785	19,497,049	12,293,035	10,880,061	4,792,820	15,672,881	27,965,917	0.80386
2000	10,848,303	15,152,753	6,476,164	8,223,990	3,263,161	11,487,151	17,963,315	0.75809
2001	21,354,825	26,719,440	8,912,225	16,206,272	4,071,230	20,277,503	29,189,728	0.75890
2002	54,435,730	67,378,566	18,338,425	41,887,344	9,959,286	51,846,630	70,185,055	0.76948
2003	11,511,831	14,406,342	5,496,758	9,482,430	2,384,243	11,866,673	17,363,430	0.82371
2004	23,267,570	28,975,518	6,097,646	17,222,851	4,225,072	21,447,923	27,545,569	0.74021
2005	26,243,041	34,126,202	9,381,825	19,118,068	5,742,887	24,860,955	34,242,779	0.72850
2006	41,317,039	51,463,269	10,953,689	30,994,032	7,611,209	38,605,241	49,558,930	0.75015
2007	28,484,794	37,211,526	11,973,329	21,657,231	6,635,009	28,292,239	40,265,569	0.76031
2008	46,220,967	57,717,315	7,361,353	32,948,715	8,195,196	41,143,911	48,505,264	0.71285
2009	54,195,267	68,945,751	9,139,864	39,415,757	10,727,901	50,143,658	59,283,522	0.72729
2010	28,372,722	36,224,893	3,419,633	19,070,128	5,277,671	24,347,799	27,767,433	0.67213
2011	46,227,986	58,917,981	5,770,076	32,364,336	8,884,299	41,248,635	47,018,712	0.70010
2012	31,691,239	40,258,485	3,800,584	21,610,826	5,842,159	27,452,985	31,253,569	0.68192
2013	25,208,605	33,601,828	5,625,800	17,006,409	5,662,296	22,668,705	28,294,506	0.67463
2014	29,563,677	42,118,476	6,329,941	19,792,726	8,405,372	28,198,097	34,528,038	0.66949
2015	58,493,830	82,627,624	5,450,447	38,888,619	16,044,939	54,933,558	60,384,004	0.66483
2016	17,360,535	29,493,574	1,070,369	11,473,660	8,018,783	19,492,442	20,562,812	0.66090
2017	35,945,076	61,406,817	2,498,739	23,635,264	16,742,070	40,377,334	42,876,073	0.65754
2018	47,284,225	81,261,551	3,528,346	30,944,111	22,235,707	53,179,818	56,708,165	0.65443
2019	36,074,014	80,565,150	1,942,682	23,517,547	29,004,878	52,522,424	54,465,106	0.65192
2020	9,993,533	68,020,068	22,378	6,484,805	37,653,426	44,138,230	44,160,609	0.64890
2021 (6 Mo)	-	36,669,504	-	-	23,597,428	23,597,428	23,597,428	0.64352
Totals:								
Excl. ULAE	929,400,408	1,355,374,250	279,074,897	670,857,238	294,053,659	964,910,897	1,243,985,794	0.71191
ULAE (d)	N/A	N/A	N/A	-	14,872,032	14,872,032	N/A	N/A
Incl. ULAE	N/A	N/A	N/A	670,857,238	308,925,691	979,782,929	N/A	N/A

Notes: (a) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 3b.

(b) See Exhibit III, Columns (8), (5) and (6) for case outstanding, total outstanding (case, bulk and IBNR) and paid, respectively.

(c) Based on application of the inflation and discount factors to the estimated payment stream as shown in Exhibit II, Sheets 2a, 2b, 3a, 3b, 4a, 4b, 5a, and 5b.

(d) See Exhibit I, Sheet 7. ULAE reserve estimates are developed based on an assumed expense inflation rate of three percent and investment return of five percent rather than the three and one-half percent inflation assumed for loss and ALAE.

Summary of Estimated Outstanding Loss & ALAE
Excluding ULAE ReserveImpact of Changes in Inflation / Investment / Tail Factor
Evaluated As of June 30, 2021**After Including Additional Reserves Related to S.B. 1786**

				Total Loss & ALAE Outstanding After Inflation and Present Value Adjustment
Expected / Alternative ----- (1)	Inflation Rate ----- (2)	Investment Return ----- (3)	Tail Factor ----- (4)	----- (5)
Expected (a)	3.50%	5.00%	1.0975	1,066,206,663
Alternative # 1	3.00%	5.00%	1.0975	970,159,387
Alternative # 2	4.00%	5.00%	1.0975	1,178,899,993
Alternative # 3	7.50%	9.00%	1.0975	1,069,847,020
Alternative # 4	3.50%	5.00%	1.1975	1,169,800,953
Alternative # 5	3.50%	5.00%	1.0000	965,490,593

Notes: (a) As shown in Column (7) of Exhibit I, Sheet 1.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
 Estimated Prospective Period Cost Level Basis - After Future Inflation & Anticipated Investment Income
 Excluding ULAE Expense Reserve
 Before Consideration of Reinsurance Recoveries
 Excluding Estimated Retroactive Class Action Payments

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%

Prospective Period Level Basis Estimated Prospective Period Loss & ALAE				Prospective Period Level Basis Estimated Prospective Period Loss & ALAE			
Calendar Year	2021 Level Basis (a) Before	After Inflation Before (b)	After (c) Inflation and	Calendar Year	2021 Level Basis (a) Before	After Inflation Before (b)	After (c) Inflation and
	Invest. Income	Invest. Income	Invest. Income		Invest. Income	Invest. Income	Invest. Income
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2021	19,740,963	19,911,475	19,670,079	2071	11,222,579	62,677,283	5,465,693
2022	26,844,752	27,784,318	26,461,255	2072	10,689,331	61,788,601	5,131,615
2023	31,619,567	33,871,670	30,722,604	2073	10,137,012	60,646,835	4,796,943
2024	31,523,482	34,950,648	30,191,683	2074	9,616,296	59,545,145	4,485,527
2025	33,064,900	37,942,733	31,215,580	2075	9,362,588	60,003,255	4,304,797
2026	30,456,940	36,173,291	28,342,720	2076	9,143,290	60,648,733	4,143,910
2027	37,863,993	46,544,515	34,732,234	2077	8,140,499	55,886,978	3,636,720
2028	29,550,360	37,596,310	26,718,996	2078	7,664,772	54,462,698	3,375,275
2029	29,417,499	38,737,228	26,218,881	2079	7,203,431	52,976,064	3,126,802
2030	31,981,843	43,587,969	28,097,193	2080	7,038,110	53,571,854	3,011,397
2031	28,726,969	40,522,227	24,877,132	2081	6,306,867	49,686,074	2,659,970
2032	28,627,134	41,794,749	24,436,524	2082	5,885,839	47,992,098	2,446,935
2033	27,956,778	42,244,611	23,523,380	2083	5,732,039	48,373,868	2,348,953
2034	33,238,261	51,983,179	27,567,790	2084	5,111,378	44,645,740	2,064,687
2035	29,106,116	47,113,911	23,795,727	2085	4,835,177	43,711,401	1,925,217
2036	27,172,620	45,523,618	21,897,638	2086	4,380,232	40,984,519	1,719,156
2037	26,593,466	46,112,698	21,124,758	2087	4,030,970	39,036,661	1,559,477
2038	26,558,621	47,664,108	20,795,692	2088	3,713,196	37,217,849	1,416,016
2039	26,411,844	49,059,715	20,385,325	2089	3,401,541	35,287,382	1,278,636
2040	28,235,224	54,282,255	21,481,332	2090	3,280,500	35,222,824	1,215,521
2041	29,797,255	59,290,247	22,345,870	2091	2,857,739	31,757,557	1,043,749
2042	25,228,592	51,956,557	18,649,409	2092	2,586,907	29,754,018	931,334
2043	24,687,055	52,620,743	17,988,394	2093	2,334,211	27,787,227	828,353
2044	24,693,124	54,475,858	17,735,776	2094	2,090,359	25,755,294	731,219
2045	25,511,368	58,250,834	18,061,715	2095	1,902,391	24,259,709	655,960
2046	24,302,549	57,432,878	16,960,088	2096	1,680,143	22,175,458	571,051
2047	23,938,112	58,551,630	16,467,103	2097	1,513,431	20,674,218	507,040
2048	26,587,947	67,309,172	18,028,649	2098	1,319,085	18,650,035	435,616
2049	23,449,053	61,440,550	15,673,093	2099	1,164,529	17,041,095	379,081
2050	24,901,908	67,530,937	16,406,393	2100	1,028,376	15,575,415	329,978
2051	23,105,442	64,852,208	15,005,338	2101	885,054	13,873,868	279,933
2052	22,802,699	66,242,558	14,597,175	2102	754,815	12,246,413	235,329
2053	22,156,069	66,616,822	13,980,617	2103	647,187	10,867,722	198,891
2054	21,474,629	66,827,807	13,357,043	2104	556,006	9,663,370	168,429
2055	23,800,558	76,658,272	14,592,270	2105	465,433	8,372,335	138,978
2056	20,469,768	68,237,824	12,370,855	2106	383,654	7,142,821	112,922
2057	19,677,768	67,893,538	11,722,323	2107	319,894	6,164,197	92,810
2058	19,045,379	68,011,533	11,183,519	2108	266,216	5,309,384	76,133
2059	18,368,633	67,890,677	10,632,044	2109	219,323	4,527,253	61,827
2060	18,769,738	71,801,225	10,709,007	2110	163,563	3,494,433	45,450
2061	17,047,140	67,494,056	9,587,239	2111	131,694	2,912,030	36,071
2062	17,954,445	73,574,333	9,953,254	2112	100,714	2,304,953	27,192
2063	15,851,540	67,230,469	8,661,948	2113	78,756	1,865,509	20,960
2064	15,279,530	67,072,582	8,230,101	2114	64,407	1,579,012	16,896
2065	15,180,516	68,970,269	8,059,958	2115	41,993	1,065,552	10,859
2066	14,039,917	66,020,725	7,347,876	2116	34,536	907,007	8,803
2067	13,455,630	65,487,759	6,941,485	2117	27,123	737,231	6,814
2068	12,940,003	65,182,469	6,580,119	2118	19,157	538,929	4,744
2069	13,260,595	69,135,295	6,646,813	2119	12,164	354,185	2,969
2070	12,356,137	66,674,516	6,104,980	2120	5,313	160,123	1,279
Subtotals:	1,194,824,432	2,774,135,568	896,836,978	Subtotals:	160,549,819	1,331,882,221	68,073,919
				Totals - All Years	1,355,374,250	4,106,017,789	964,910,897

Notes: (a) See Exhibit II, Sheet 1, Columns (2) and (4).

(b) Calculated based on estimated incremental payments shown in columns (2) and (6) and the estimated annual inflation rate shown in Assumption #1 above. Payments are assumed to be made at the midpoint of each year.

(c) The inflated amounts before discount as shown in columns (3) and (7) are discounted to June 30, 2021 based on the assumed investment rate shown in Assumption # 2.

Summary of Estimates By Component - Outstanding Loss & Expense

After Including Additional Reserves Related to S.B. 1786

Net of Estimated Reinsurance Recoveries / Recoverables

Evaluated As of June 30, 2021

Birth Year	Prior to Reinsurance Recovery			Actual Reinsurance Recovery (c) @ 6/30/21				Net of Reinsurance Basis		
	Total O/S Loss and Exp. After Inflation and P.V. (a) Adjustment	Actual (b) Paid Loss and Expense	Current Value Ultimate Loss & ALAE (2) + (3)	Specific Excess Recovered	Aggregate Excess Recovered	Total Excess Recovered (5) + (6)	Experience Refund Received to Date (c)	Paid Loss & Expense (3)-(7)-(8)	Outstanding Loss and Expense After Inflation and P.V. Col (2)	Indicated Ultimate After Inflation and P.V. (9) + (10)
	(1)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	12,831,241	16,095,425	28,926,665					16,095,425	12,831,241	28,926,665
1990	7,856,388	7,279,050	15,135,437					7,279,050	7,856,388	15,135,437
1991	16,584,179	11,025,636	27,609,816					11,025,636	16,584,179	27,609,816
1992	34,530,537	19,025,458	53,555,995	-	477,375	477,375	-	18,548,083	34,530,537	53,078,620
1993	28,113,220	24,208,101	52,321,321	11,408,065	10,000,000	21,408,065	-	2,800,036	28,113,220	30,913,256
1994	13,784,830	8,533,160	22,317,990	1,726,833	-	1,726,833	423,375	6,382,952	13,784,830	20,167,782
1995	22,008,750	12,923,794	34,932,543	2,497,577	-	2,497,577	375,000	10,051,217	22,008,750	32,059,967
1996	21,483,690	11,559,470	33,043,160	959,723	-	959,723	408,750	10,190,997	21,483,690	31,674,687
1997	31,809,145	15,094,946	46,904,091	2,132,728	-	2,132,728	423,750	12,538,467	31,809,145	44,347,613
1998	49,184,701	26,132,191	75,316,893	2,683,139	-	2,683,139	-	23,449,053	49,184,701	72,633,754
1999	16,971,617	13,616,616	30,588,233	3,143,106	2,856,684	5,999,790	-	7,616,826	16,971,617	24,588,443
2000	12,797,704	7,366,072	20,163,776	2,150,848	259,047	2,409,894	-	4,956,177	12,797,704	17,753,881
2001	21,796,037	9,627,772	31,423,809	2,708,409	259,047	2,967,456	-	6,660,316	21,796,037	28,456,353
2002	55,735,799	20,869,046	76,604,845	7,573,122	5,382,417	12,955,540	-	7,913,506	55,735,799	63,649,305
2003	12,590,330	5,946,758	18,537,087	2,257,865	-	2,257,865	-	3,688,893	12,590,330	16,279,222
2004	23,183,884	6,697,646	29,881,529					6,697,646	23,183,884	29,881,529
2005	27,031,894	10,281,825	37,313,718					10,281,825	27,031,894	37,313,718
2006	41,695,228	12,003,689	53,698,917					12,003,689	41,695,228	53,698,917
2007	29,723,687	12,913,329	42,637,016					12,913,329	29,723,687	42,637,016
2008	44,933,683	8,151,387	53,085,071					8,151,387	44,933,683	53,085,071
2009	53,192,539	10,489,864	63,682,403					10,489,864	53,192,539	63,682,403
2010	27,207,261	3,869,633	31,076,894					3,869,633	27,207,261	31,076,894
2011	45,536,421	6,820,076	52,356,497					6,820,076	45,536,421	52,356,497
2012	30,577,470	4,550,584	35,128,053					4,550,584	30,577,470	35,128,053
2013	24,530,759	6,675,800	31,206,559					6,675,800	24,530,759	31,206,559
2014	30,314,946	7,529,941	37,844,887					7,529,941	30,314,946	37,844,887
2015	60,153,141	6,800,447	66,953,588					6,800,447	60,153,141	66,953,588
2016	22,275,757	1,410,403	23,686,160					1,410,403	22,275,757	23,686,160
2017	46,333,354	3,398,739	49,732,094					3,398,739	46,333,354	49,732,094
2018	60,843,254	4,728,346	65,571,600					4,728,346	60,843,254	65,571,600
2019	60,274,217	2,542,682	62,816,899					2,542,682	60,274,217	62,816,899
2020	52,426,786	22,378	52,449,165					22,378	52,426,786	52,449,165
2021 (6 Mo)	27,894,216	-	27,894,216					-	27,894,216	27,894,216
Totals:										
Excl. ULAE	1,066,206,663	318,190,264	1,384,396,928	39,241,415	19,234,570	58,475,985	1,630,875	258,083,404	1,066,206,663	1,324,290,068
ULAE (d)								N/A	14,872,032	N/A
Incl. ULAE								N/A	1,081,078,695	N/A

Notes: (a) See Exhibit I, Sheet 1, Column (7).

(b) See Exhibit I, Sheet 1, Column (4).

(c) See Exhibit I, Sheet 6b.

(d) See Exhibit I, Sheet 7.

Summary of Actual Reinsurance Recovered

Evaluated As of June 30, 2021

Birth Year	Specific Excess Reinsurance (a)					Aggregate Excess Reinsurance (a)					Experience Refund Received to Date (b)
	Retention	Excess Layer	Actual Recovered @ 6/30/21			Retention	Excess Layer	Actual Recovered @ 6/30/21			
			AUL/RMS	Munich Re	Gen Re			AUL/RMS	Munich Re	Gen Re	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1989	100%	N/A				100%	N/A				
1990	100%	N/A				100%	N/A				
1991	100%	N/A				100%	N/A				
1992	4,000,000	2,500,000	-			21,530,000	10,000,000	477,375			
1993	4,000,000	2,500,000	11,408,065			21,530,000	10,000,000	10,000,000			
1994	4,000,000	2,500,000	1,726,833			21,530,000	10,000,000	-			423,375
1995	4,000,000	2,500,000	2,497,577			19,940,000	10,000,000	-			375,000
1996	4,000,000	2,500,000	959,723			19,940,000	10,000,000	-			408,750
1997	4,000,000	2,500,000	2,132,728			22,900,000	10,000,000	-			423,750
1998	4,250,000	2,500,000	2,683,139			23,500,000	10,000,000	-			
1999	4,250,000	2,500,000		3,143,106	-	20,000,000	13,000,000		2,597,638	259,047	
2000	4,250,000	2,500,000		2,150,848	-	20,000,000	13,000,000		-	259,047	
2001	4,250,000	2,500,000		2,708,409	-	20,000,000	13,000,000		-	259,047	
2002	4,250,000	2,500,000			7,573,122	23,637,681	13,000,000			5,382,417	
2003	4,250,000	2,500,000			2,257,865	25,144,928	13,000,000			-	
2004	100%	N/A									
2005	100%	N/A									
2006	100%	N/A									
2007	100%	N/A									
2008	100%	N/A									
2009	100%	N/A									
2010	100%	N/A									
2011	100%	N/A									
2012	100%	N/A									
2013	100%	N/A									
2014	100%	N/A									
2015	100%	N/A									
2016	100%	N/A									
2017	100%	N/A									
2018	100%	N/A									
2019	100%	N/A									
2020	100%	N/A									
2021 (6 Mo)	100%	N/A									
Totals:			21,408,065	8,002,362	9,830,987			10,477,375	2,597,638	6,159,558	1,630,875
Total Specific & Aggregate Excess			31,885,440	10,600,000	15,990,545						

Notes: (a) The specific and aggregate excess recoveries and recoverables shown are based on final amounts received as a result of negotiations and arbitration proceedings for birth years 1992 to 2003 (AUL/RMS, Munich Re, and Gen Re). The treaties for AUL/RMS, Munich Re, and Gen Re had been commuted. The amounts recovered to date from the various reinsurers (AUL/RMS, Munich Re, and Gen Re) are based on four separate reinsurance negotiation / arbitration proceedings. It is our understanding amounts received to date are \$21,408,065 (birth year 1993), \$10,000,000 (birth years 1994 to 1998), \$10,600,000 (birth years 1999 to 2001 with Munich Re), and \$15,990,545 (birth years 1999 to 2003 with Gen Re). These amounts have been allocated to each birth year based on the calculated recoverables developed as of September 30, 2012 and May 30, 2019..

(b) Actual experience refund received to date.

Development of Unallocated Loss Adjustment Expense (ULAE) Reserve
Portion Related to Claims Settlement
Evaluated As of June 30, 2021

Assumptions:

1. Estimated Calendar Year 2021 Level ULAE Payment (a):	767,120
2. Prospective Inflation Rate - Expense (b):	3.00%
3. Prospective Investment Return (b):	5.00%

Year	2021 Level Expense	Prospective Loss Level (Inflation) Factor	Present Value Factor	Before Mortality		Weighted Average Probability of Survival	After Mortality	
				Prospective Level Expense (2) x (3)	Present Value of Prospective Level Expense (5) x (4)		Prospective Level Expense (5) x (7)	Present Value of Prospective Level Expense (6) x (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	767,120	1.015	0.976	778,542	759,779	0.9713	756,229	738,004
2	767,120	1.045	0.929	801,898	745,307	0.9525	763,808	709,905
3	767,120	1.077	0.885	825,955	731,111	0.9337	771,195	682,639
4	767,120	1.109	0.843	850,734	717,185	0.9149	778,371	656,181
5	767,120	1.142	0.803	876,256	703,524	0.8962	785,318	630,512
6	767,120	1.177	0.765	902,543	690,124	0.8775	792,018	605,612
7	767,120	1.212	0.728	929,620	676,978	0.8589	798,454	581,459
8	767,120	1.248	0.694	957,508	664,084	0.8403	804,603	558,035
9	767,120	1.286	0.661	986,233	651,434	0.8218	810,444	535,321
10	767,120	1.324	0.629	1,015,820	639,026	0.8032	815,955	513,296
11	767,120	1.364	0.599	1,046,295	626,854	0.7848	821,113	491,943
12	767,120	1.405	0.571	1,077,684	614,914	0.7664	825,897	471,247
13	767,120	1.447	0.543	1,110,014	603,201	0.7480	830,288	451,193
14	767,120	1.490	0.518	1,143,315	591,712	0.7297	834,267	431,767
15	767,120	1.535	0.493	1,177,614	580,441	0.7114	837,814	412,955
16	767,120	1.581	0.469	1,212,943	569,385	0.6933	840,908	394,743
17	767,120	1.629	0.447	1,249,331	558,540	0.6752	843,528	377,117
18	767,120	1.677	0.426	1,286,811	547,901	0.6572	845,647	360,061
19	767,120	1.728	0.406	1,325,415	537,465	0.6392	847,241	343,562
20	767,120	1.780	0.386	1,365,178	527,227	0.6214	848,280	327,603
21	767,120	1.833	0.368	1,406,133	517,185	0.6036	848,735	312,170
22	767,120	1.888	0.350	1,448,317	507,334	0.5859	848,577	297,250
23	767,120	1.945	0.334	1,491,767	497,670	0.5683	847,774	282,827
24	767,120	2.003	0.318	1,536,520	488,191	0.5508	846,292	268,888
25	767,120	2.063	0.303	1,582,615	478,892	0.5334	844,097	255,420
26	767,120	2.125	0.288	1,630,094	469,770	0.5160	841,157	242,410
27	767,120	2.189	0.274	1,678,996	460,822	0.4988	837,438	229,846
28	767,120	2.254	0.261	1,729,366	452,045	0.4816	832,910	217,717
29	767,120	2.322	0.249	1,781,247	443,434	0.4646	827,541	206,013
30	767,120	2.392	0.237	1,834,685	434,988	0.4477	821,301	194,723
31	767,120	2.463	0.226	1,889,725	426,702	0.4308	814,164	183,839
32	767,120	2.537	0.215	1,946,417	418,575	0.4141	806,102	173,351
33	767,120	2.613	0.205	2,004,809	410,602	0.3976	797,091	163,251
34	767,120	2.692	0.195	2,064,954	402,781	0.3812	787,108	153,530
35	767,120	2.773	0.186	2,126,902	395,109	0.3649	776,132	144,180
36	767,120	2.856	0.177	2,190,709	387,583	0.3488	764,147	135,194
37	767,120	2.941	0.168	2,256,431	380,200	0.3329	751,138	126,564
38	767,120	3.030	0.160	2,324,124	372,959	0.3172	737,098	118,284
39	767,120	3.121	0.153	2,393,847	365,855	0.3016	722,023	110,348
40	767,120	3.214	0.146	2,465,663	358,886	0.2863	705,917	102,749
41	767,120	3.311	0.139	2,539,633	352,050	0.2712	688,794	95,482
42	767,120	3.410	0.132	2,615,822	345,344	0.2564	670,676	88,544
43	767,120	3.512	0.126	2,694,296	338,766	0.2418	651,591	81,927
44	767,120	3.618	0.120	2,775,125	332,314	0.2276	631,576	75,630
45	767,120	3.726	0.114	2,858,379	325,984	0.2136	610,680	69,645
46	767,120	3.838	0.109	2,944,130	319,775	0.2000	588,957	63,969
47	767,120	3.953	0.103	3,032,454	313,684	0.1868	566,477	58,598
48	767,120	4.072	0.099	3,123,428	307,709	0.1739	543,313	53,525
49	767,120	4.194	0.094	3,217,131	301,848	0.1615	519,548	48,747
50	767,120	4.320	0.089	3,313,645	296,098	0.1495	495,277	44,257
Totals:	38,356,000			87,817,073	24,639,344		38,275,007	14,872,032

Notes: (a) Estimated current level (2021) unallocated expense based on expense allocation of expected on-going claims expense.

(b) Investment and inflation rates consistent with selection used in loss and ALAE reserve estimates. Inflation rate slightly less than applied to loss and ALAE due to difference in expected inflation related to loss adjustment expenses.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries

Reserve @ 6/30/21 1,355,374,250

Calendar Year	Estimated Prospective Period Payments 2021 Level Basis (a)	Calendar Year	Estimated Prospective Period Payments 2021 Level Basis (a)
-----	-----	-----	-----
(1)	(2)	(3)	(4)
2021	19,740,963	2071	11,222,579
2022	26,844,752	2072	10,689,331
2023	31,619,567	2073	10,137,012
2024	31,523,482	2074	9,616,296
2025	33,064,900	2075	9,362,588
2026	30,456,940	2076	9,143,290
2027	37,863,993	2077	8,140,499
2028	29,550,360	2078	7,664,772
2029	29,417,499	2079	7,203,431
2030	31,981,843	2080	7,038,110
2031	28,726,969	2081	6,306,867
2032	28,627,134	2082	5,885,839
2033	27,956,778	2083	5,732,039
2034	33,238,261	2084	5,111,378
2035	29,106,116	2085	4,835,177
2036	27,172,620	2086	4,380,232
2037	26,593,466	2087	4,030,970
2038	26,558,621	2088	3,713,196
2039	26,411,844	2089	3,401,541
2040	28,235,224	2090	3,280,500
2041	29,797,255	2091	2,857,739
2042	25,228,592	2092	2,586,907
2043	24,687,055	2093	2,334,211
2044	24,693,124	2094	2,090,359
2045	25,511,368	2095	1,902,391
2046	24,302,549	2096	1,680,143
2047	23,938,112	2097	1,513,431
2048	26,587,947	2098	1,319,085
2049	23,449,053	2099	1,164,529
2050	24,901,908	2100	1,028,376
2051	23,105,442	2101	885,054
2052	22,802,699	2102	754,815
2053	22,156,069	2103	647,187
2054	21,474,629	2104	556,006
2055	23,800,558	2105	465,433
2056	20,469,768	2106	383,654
2057	19,677,768	2107	319,894
2058	19,045,379	2108	266,216
2059	18,368,633	2109	219,323
2060	18,769,738	2110	163,563
2061	17,047,140	2111	131,694
2062	17,954,445	2112	100,714
2063	15,851,540	2113	78,756
2064	15,279,530	2114	64,407
2065	15,180,516	2115	41,993
2066	14,039,917	2116	34,536
2067	13,455,630	2117	27,123
2068	12,940,003	2118	19,157
2069	13,260,595	2119	12,164
2070	12,356,137	2120	5,313
Subtotals:	1,194,824,432	Subtotals:	160,549,819
		Totals - All Years	1,355,374,250

Note: (a) See Column (5) of Exhibit II, Sheets 2a and 2b.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries
Evaluated As of June 30, 2021

Calendar Year	BY 2019	BY 2020	BY 2021	Totals All BY'S (c)
-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)
Reserve @ 6/30/21 (a)	80,565,150	68,020,068	36,669,504	1,355,374,250

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2021	840,942	525,874	124,688	19,740,963
2022	1,488,213	1,394,459	560,733	26,844,752
2023	1,390,051	1,233,885	743,447	31,619,567
2024	1,369,604	1,152,498	657,838	31,523,482
2025	1,141,665	1,135,546	614,447	33,064,900
2026	1,063,625	946,560	605,409	30,456,940
2027	963,634	881,856	504,652	37,863,993
2028	947,822	798,954	470,156	29,550,360
2029	1,079,567	785,844	425,957	29,417,499
2030	1,342,221	895,074	418,968	31,981,843
2031	1,167,487	1,112,842	477,203	28,726,969
2032	1,105,229	967,969	593,304	28,627,134
2033	1,214,791	916,351	516,066	27,956,778
2034	1,368,703	1,007,190	488,546	33,238,261
2035	1,133,077	1,134,799	536,976	29,106,116
2036	1,161,294	939,439	605,010	27,172,620
2037	1,141,464	962,834	500,856	26,593,466
2038	1,148,496	946,394	513,329	26,558,621
2039	1,109,528	952,224	504,563	26,411,844
2040	1,342,607	919,915	507,672	28,235,224
2041	1,232,065	1,113,162	490,446	29,797,255
2042	1,319,471	1,021,511	593,475	25,228,592
2043	1,395,424	1,093,980	544,612	24,687,055
2044	1,356,333	1,156,953	583,248	24,693,124
2045	1,358,703	1,124,543	616,822	25,511,368
2046	1,383,753	1,126,508	599,543	24,302,549
2047	1,273,005	1,147,276	600,590	23,938,112
2048	1,310,291	1,055,455	611,663	26,587,947
2049	1,190,216	1,086,369	562,709	23,449,053
2050	1,753,615	986,814	579,190	24,901,908
2051	1,746,320	1,453,931	526,113	23,105,442
2052	1,699,918	1,447,883	775,154	22,802,699
2053	1,659,396	1,409,410	771,929	22,156,069
2054	1,609,254	1,375,813	751,418	21,474,629
2055	1,587,720	1,334,241	733,506	23,800,558
2056	1,537,290	1,316,386	711,342	20,469,768
2057	1,515,325	1,274,575	701,823	19,677,768
2058	1,438,984	1,256,364	679,531	19,045,379
2059	1,386,231	1,193,069	669,822	18,368,633
2060	1,334,755	1,149,331	636,077	18,769,738
2061	1,291,242	1,106,652	612,758	17,047,140
2062	1,286,162	1,070,575	590,004	17,954,445
2063	1,255,651	1,066,363	570,770	15,851,540
2064	1,215,806	1,041,067	568,525	15,279,530
2065	1,158,204	1,008,031	555,038	15,180,516
2066	1,123,229	960,273	537,425	14,039,917
2067	1,108,830	931,275	511,963	13,455,630
2068	1,068,009	919,337	496,503	12,940,003
2069	1,038,549	885,492	490,138	13,260,595
2070	1,008,670	861,066	472,094	12,356,137
Subtotals 2021 to 2070:	64,162,445	53,584,211	28,514,050	1,194,824,432

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

(c) Sum of columns (2) to (11) of Exhibit II Sheets 3a, 4a, 5a, and columns (2), (3), and (4) above.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries
Evaluated As of June 30, 2021

Calendar Year	BY 2019	BY 2020	BY 2021	Totals All BY'S (c)
(1)	(2)	(3)	(4)	(5)
Reserve @ 6/30/21 (a)	80,565,150	68,020,068	36,669,504	1,355,374,250

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2071	968,248	836,293	459,072	11,222,579
2072	932,159	802,779	445,864	10,689,331
2073	893,013	772,858	427,996	10,137,012
2074	852,533	740,401	412,044	9,616,296
2075	820,262	706,839	394,740	9,362,588
2076	787,255	680,083	376,847	9,143,290
2077	777,689	652,717	362,582	8,140,499
2078	740,720	644,786	347,992	7,664,772
2079	694,034	614,135	343,763	7,203,431
2080	662,165	575,427	327,422	7,038,110
2081	626,662	549,004	306,785	6,306,867
2082	599,060	519,568	292,698	5,885,839
2083	573,487	496,683	277,004	5,732,039
2084	541,281	475,481	264,803	5,111,378
2085	515,223	448,779	253,500	4,835,177
2086	474,382	427,174	239,263	4,380,232
2087	453,396	393,313	227,745	4,030,970
2088	422,468	375,913	209,692	3,713,196
2089	392,265	350,271	200,415	3,401,541
2090	372,365	325,229	186,744	3,280,500
2091	345,008	308,730	173,394	2,857,739
2092	323,594	286,048	164,597	2,586,907
2093	293,567	268,293	152,505	2,334,211
2094	272,295	243,398	143,039	2,090,359
2095	250,873	225,761	129,766	1,902,391
2096	224,513	208,000	120,363	1,680,143
2097	209,820	186,145	110,894	1,513,431
2098	188,161	173,963	99,242	1,319,085
2099	170,615	156,005	92,747	1,164,529
2100	150,461	141,458	83,173	1,028,376
2101	135,456	124,748	75,417	885,054
2102	119,698	112,307	66,508	754,815
2103	102,771	99,243	59,876	647,187
2104	90,504	85,208	52,910	556,006
2105	78,347	75,037	45,428	465,433
2106	67,119	64,958	40,005	383,654
2107	56,259	55,649	34,632	319,894
2108	47,507	46,645	29,669	266,216
2109	39,179	39,388	24,868	219,323
2110	31,443	32,483	21,000	163,563
2111	25,476	26,070	17,318	131,694
2112	20,237	21,122	13,899	100,714
2113	15,910	16,779	11,261	78,756
2114	12,074	13,191	8,945	64,407
2115	9,343	10,010	7,033	41,993
2116	6,818	7,747	5,337	34,536
2117	4,973	5,653	4,130	27,123
2118	12,020	4,123	3,014	19,157
2119	-	9,966	2,198	12,164
2120	-	-	5,313	5,313
Subtotals 2071 to 2120:	16,402,706	14,435,857	8,155,454	160,549,819
Totals 2021 to 2120:	80,565,150	68,020,068	36,669,504	1,355,374,250

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

(c) Sum of columns (2) to (11) of Exhibit II Sheets 3a, 4a, 5a, and columns (2), (3), and (4) above.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries
Evaluated As of June 30, 2021

Calendar Year	BY 2009	BY 2010	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	BY 2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 6/30/21 (a)	68,945,751	36,224,893	58,917,981	40,258,485	33,601,828	42,118,476	82,627,624	29,493,574	61,406,817	81,261,551

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2021	932,493	531,331	1,122,136	732,028	222,422	303,499	629,681	265,191	550,410	765,601
2022	874,255	253,041	803,891	472,225	437,545	549,935	1,173,275	442,112	1,084,627	1,430,205
2023	1,682,666	576,179	1,302,215	638,575	498,362	540,912	1,062,977	411,891	904,116	1,409,167
2024	1,638,112	568,647	1,257,661	622,575	619,612	616,097	1,045,535	373,169	842,314	1,174,644
2025	1,787,202	634,312	1,410,149	721,203	538,949	765,991	1,190,861	367,046	763,128	1,094,349
2026	1,580,218	557,086	1,186,606	601,301	510,209	666,272	1,480,593	418,065	750,606	991,470
2027	2,146,255	718,872	1,633,899	874,355	560,786	630,742	1,287,845	519,778	854,939	975,201
2028	1,503,578	543,048	1,112,705	573,789	631,837	693,268	1,219,169	452,112	1,062,942	1,110,752
2029	1,479,555	537,689	1,083,732	564,940	523,064	781,104	1,340,026	428,002	924,565	1,380,993
2030	1,712,575	640,056	1,276,757	702,637	536,090	646,634	1,509,805	470,431	875,261	1,201,212
2031	1,771,113	532,419	1,018,278	538,283	526,936	662,738	1,249,887	530,033	962,027	1,137,155
2032	1,737,559	716,914	992,901	529,647	530,182	651,421	1,281,013	438,786	1,083,914	1,249,882
2033	1,687,890	705,716	1,192,271	515,329	512,193	655,434	1,259,139	449,714	897,314	1,408,240
2034	2,158,122	846,002	1,468,741	1,001,723	619,790	633,195	1,266,896	442,035	919,660	1,165,807
2035	1,771,244	748,601	1,278,196	862,430	568,760	766,211	1,223,910	444,758	903,957	1,194,839
2036	1,638,133	675,219	1,102,939	751,949	609,110	703,126	1,481,019	429,667	909,526	1,174,437
2037	1,596,742	678,122	1,075,155	731,607	644,172	753,007	1,359,080	519,928	878,665	1,181,672
2038	1,562,697	668,767	1,230,250	714,308	626,127	796,353	1,455,497	477,120	1,063,248	1,141,578
2039	1,515,233	657,512	1,198,020	937,555	627,221	774,044	1,539,280	510,968	975,706	1,381,391
2040	1,665,912	733,261	1,332,708	1,034,848	638,784	775,397	1,496,160	540,381	1,044,925	1,267,655
2041	1,861,720	769,305	1,305,972	1,085,549	587,660	789,692	1,498,774	525,243	1,105,074	1,357,585
2042	1,396,093	626,434	1,102,621	872,317	604,872	726,490	1,526,406	526,161	1,074,118	1,435,733
2043	1,357,238	616,029	1,076,261	851,304	549,442	747,769	1,404,241	535,861	1,075,994	1,395,513
2044	1,324,489	666,441	1,052,964	832,873	809,525	679,243	1,445,371	492,974	1,095,832	1,397,951
2045	1,389,525	706,709	1,134,795	877,097	806,157	1,000,769	1,312,917	507,413	1,008,128	1,423,724
2046	1,243,302	643,164	1,000,162	790,344	784,736	996,606	1,934,398	460,914	1,037,655	1,309,778
2047	1,211,275	632,661	978,026	772,777	766,030	970,124	1,926,351	679,091	942,565	1,348,140
2048	1,505,334	733,395	1,080,615	901,315	742,883	946,999	1,875,165	676,266	1,388,736	1,224,597
2049	1,133,312	609,234	927,808	732,345	732,942	918,384	1,830,465	658,297	1,382,959	1,804,271
2050	1,242,987	669,540	1,042,565	806,769	709,662	906,094	1,775,155	642,605	1,346,212	1,796,765
2051	1,062,185	586,434	881,265	695,179	699,522	877,315	1,751,400	623,187	1,314,121	1,749,022
2052	1,027,262	574,970	858,424	677,020	664,281	864,779	1,695,772	614,848	1,274,412	1,707,330
2053	996,755	564,120	837,825	660,914	639,928	821,212	1,671,542	595,319	1,257,359	1,655,740
2054	958,670	607,270	813,451	641,475	616,166	791,106	1,587,331	586,813	1,217,422	1,633,583
2055	1,260,975	731,276	968,507	789,566	596,079	761,730	1,529,139	557,250	1,200,027	1,581,697
2056	939,317	583,213	879,845	608,502	593,733	736,898	1,472,357	536,821	1,139,571	1,559,097
2057	902,179	570,171	854,341	589,845	579,649	733,998	1,424,358	516,887	1,097,794	1,480,551
2058	868,925	557,655	883,668	573,026	561,255	716,586	1,418,754	500,037	1,057,029	1,426,274
2059	839,080	545,603	860,930	557,897	534,664	693,847	1,385,098	498,069	1,022,570	1,373,312
2060	900,191	587,957	936,949	643,104	518,518	660,974	1,341,145	486,254	1,018,547	1,328,542
2061	771,517	519,586	810,537	559,350	511,871	641,014	1,277,605	470,824	994,385	1,323,315
2062	930,941	582,532	853,286	629,777	493,027	632,797	1,239,025	448,517	962,830	1,291,923
2063	708,691	493,755	761,854	525,783	479,427	609,501	1,223,141	434,973	917,214	1,250,926
2064	677,981	480,715	737,520	509,155	465,634	592,688	1,178,112	429,397	889,516	1,191,661
2065	699,732	499,889	773,603	528,817	446,974	575,637	1,145,615	413,589	878,113	1,155,675
2066	618,033	454,402	688,890	476,202	430,314	552,568	1,112,655	402,180	845,786	1,140,860
2067	588,823	441,128	664,597	459,878	412,243	531,973	1,068,066	390,610	822,455	1,098,860
2068	561,921	428,160	641,524	444,776	393,556	509,632	1,028,257	374,956	798,793	1,068,549
2069	658,564	471,104	657,529	487,080	378,659	486,531	985,075	360,981	766,782	1,037,807
2070	562,799	440,713	661,956	456,398	363,422	468,114	940,422	345,821	738,202	996,217
Subtotals 2021 to 2070:	62,641,370	29,916,361	50,807,498	34,157,737	28,454,985	35,306,452	68,555,759	24,223,347	49,922,050	65,381,247

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries
Evaluated As of June 30, 2021

Calendar Year	BY 2009	BY 2010	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	BY 2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 6/30/21 (a)	68,945,751	36,224,893	58,917,981	40,258,485	33,601,828	42,118,476	82,627,624	29,493,574	61,406,817	81,261,551

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2071	478,974	387,617	568,785	396,511	359,006	449,278	904,824	330,145	707,201	959,086
2072	451,241	373,664	543,668	379,655	341,940	443,818	868,414	317,648	675,144	918,808
2073	425,580	359,990	519,695	363,904	320,388	422,721	857,862	304,866	649,588	877,160
2074	401,708	346,555	496,731	349,134	305,676	396,078	817,082	301,162	623,449	843,956
2075	403,464	353,852	508,848	354,446	289,287	377,890	765,583	286,846	615,873	809,996
2076	428,105	357,744	470,709	354,286	276,545	357,629	730,429	268,766	586,597	800,153
2077	330,818	305,253	425,736	302,756	264,740	341,877	691,265	256,425	549,625	762,117
2078	308,014	291,292	401,704	286,841	249,872	327,283	660,818	242,676	524,387	714,082
2079	286,885	277,611	378,711	271,840	237,843	308,903	632,609	231,987	496,271	681,293
2080	295,788	288,662	397,080	283,345	218,990	294,032	597,082	222,084	474,412	644,764
2081	247,131	250,485	333,792	242,457	209,302	270,725	568,338	209,612	454,160	616,364
2082	228,506	237,063	311,946	228,141	195,025	258,748	523,287	199,521	428,655	590,053
2083	249,180	247,059	300,164	233,626	181,082	241,098	500,137	183,706	408,019	556,916
2084	193,769	210,599	269,600	200,343	171,896	223,861	466,021	175,579	375,676	530,106
2085	188,945	209,096	267,035	197,625	159,267	212,505	432,704	163,602	359,057	488,085
2086	162,614	184,887	229,651	174,178	149,381	196,892	410,753	151,906	334,564	466,493
2087	147,835	172,180	209,940	160,983	135,520	184,672	380,576	144,199	310,645	434,672
2088	134,150	159,815	191,266	148,573	125,700	167,535	356,954	133,605	294,886	403,596
2089	121,439	147,798	173,589	136,880	115,811	155,396	323,831	125,313	273,222	383,121
2090	134,631	158,280	175,177	142,885	103,642	143,170	300,366	113,684	256,263	354,974
2091	97,765	124,529	139,710	113,878	96,860	128,127	276,736	105,447	232,483	332,942
2092	87,222	113,505	124,394	103,489	86,861	119,742	247,658	97,151	215,638	302,047
2093	77,170	102,798	109,564	93,150	78,761	107,381	231,451	86,943	198,673	280,160
2094	67,915	92,564	95,879	83,563	69,457	97,368	207,558	81,253	177,798	258,120
2095	62,321	86,937	88,721	78,219	62,531	85,866	188,204	72,866	166,162	230,998
2096	51,417	73,523	71,444	66,017	55,257	77,303	165,972	66,071	149,010	215,881
2097	48,619	68,302	60,963	59,470	47,442	68,311	149,421	58,266	135,115	193,596
2098	37,565	56,598	51,128	50,801	41,779	58,650	132,038	52,456	119,154	175,543
2099	31,553	48,976	42,370	43,892	36,168	51,649	113,366	46,353	107,271	154,807
2100	27,977	45,123	38,231	40,374	30,984	44,712	99,834	39,798	94,792	139,369
2101	21,484	35,551	28,031	32,022	25,971	38,304	86,424	35,048	81,387	123,156
2102	17,341	29,750	22,210	26,835	21,931	32,107	74,039	30,340	71,672	105,740
2103	13,793	24,565	17,315	22,249	18,086	27,112	62,059	25,992	62,046	93,118
2104	11,418	20,739	13,262	18,311	14,515	22,359	52,404	21,787	53,154	80,611
2105	8,521	16,685	10,514	15,248	11,760	17,944	43,218	18,397	44,553	69,058
2106	6,300	12,585	7,247	11,599	9,342	14,539	34,684	15,172	37,622	57,885
2107	4,698	9,719	5,179	9,027	7,344	11,549	28,102	12,176	31,027	48,879
2108	12,525	7,358	3,592	6,867	5,574	9,080	22,323	9,866	24,901	40,311
2109	-	19,224	2,426	5,121	4,313	6,890	17,550	7,837	20,175	32,351
2110	-	-	4,474	3,967	3,147	5,332	13,318	6,161	16,026	26,212
2111	-	-	-	8,241	2,296	3,891	10,306	4,676	12,599	20,822
2112	-	-	-	-	5,549	2,838	7,520	3,618	9,561	16,369
2113	-	-	-	-	-	6,860	5,485	2,640	7,399	12,422
2114	-	-	-	-	-	-	13,259	1,926	5,399	9,613
2115	-	-	-	-	-	-	-	4,655	3,938	7,015
2116	-	-	-	-	-	-	-	-	9,519	5,116
2117	-	-	-	-	-	-	-	-	-	12,367
2118	-	-	-	-	-	-	-	-	-	-
2119	-	-	-	-	-	-	-	-	-	-
2120	-	-	-	-	-	-	-	-	-	-
Subtotals 2071 to 2120:	6,304,381	6,308,532	8,110,483	6,100,748	5,146,843	6,812,024	14,071,865	5,270,227	11,484,768	15,880,304
Totals 2021 to 2120:	68,945,751	36,224,893	58,917,981	40,258,485	33,601,828	42,118,476	82,627,624	29,493,574	61,406,817	81,261,551

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year

Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries

Evaluated As of June 30, 2021

Calendar Year	BY 1999	BY 2000	BY 2001	BY 2002	BY 2003	BY 2004	BY 2005	BY 2006	BY 2007	BY 2008
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 6/30/21 (a)	19,497,049	15,152,753	26,719,440	67,378,566	14,406,342	28,975,518	34,126,202	51,463,269	37,211,526	57,717,315

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2021	325,910	184,557	523,931	1,290,921	347,227	463,187	753,591	1,016,779	825,715	762,677
2022	606,422	310,939	691,636	1,557,939	410,639	481,070	909,700	961,555	1,103,841	761,968
2023	680,504	390,675	747,969	1,847,374	607,501	725,887	943,562	1,463,259	1,348,001	1,344,969
2024	720,912	630,778	726,617	2,374,970	578,283	705,404	850,984	1,412,673	1,269,600	1,315,066
2025	695,315	619,499	785,136	2,440,976	712,491	775,825	810,751	1,513,368	1,360,132	1,420,134
2026	813,930	566,910	696,159	2,218,032	663,357	840,212	669,082	1,410,491	1,140,802	1,266,566
2027	1,026,644	685,922	1,032,640	2,831,160	833,474	1,124,277	1,203,933	1,774,410	1,565,104	1,695,607
2028	755,305	508,319	749,981	2,115,842	602,947	800,545	893,333	1,505,280	1,054,507	1,211,509
2029	731,137	482,397	734,193	2,128,430	579,596	788,054	822,752	1,513,385	1,043,518	1,195,417
2030	749,120	494,785	822,398	2,265,223	616,299	885,140	867,635	1,625,348	1,165,683	1,461,156
2031	675,580	430,207	690,719	1,980,988	530,153	709,178	726,165	1,416,507	936,126	1,261,059
2032	652,429	408,028	675,401	1,936,202	508,137	697,572	807,168	1,376,610	892,480	1,237,763
2033	624,739	384,692	652,446	1,849,805	480,424	677,305	744,540	1,332,477	845,198	1,208,453
2034	726,698	450,506	817,908	2,259,670	602,165	924,553	909,001	1,562,209	1,240,913	1,432,254
2035	578,005	358,409	682,099	1,848,161	469,703	719,286	742,784	1,349,177	980,050	1,419,375
2036	552,081	325,324	596,893	1,676,401	410,748	630,394	683,623	1,209,155	837,186	1,281,094
2037	528,827	307,712	673,826	1,606,693	388,862	615,004	710,047	1,169,939	799,270	1,252,348
2038	507,949	291,859	657,754	1,556,883	369,991	603,643	694,331	1,203,467	765,829	1,226,543
2039	483,805	275,473	635,110	1,494,179	347,121	584,628	668,041	1,159,631	729,673	1,195,489
2040	492,293	283,381	704,991	1,595,738	367,162	664,820	739,231	1,235,569	813,892	1,307,544
2041	536,350	294,137	684,398	1,740,395	408,724	779,912	788,876	1,286,361	905,807	1,346,994
2042	419,929	233,905	578,786	1,329,252	289,527	540,074	613,463	1,043,728	639,127	1,111,869
2043	399,585	288,966	560,465	1,279,237	271,671	525,499	596,866	1,007,026	612,191	1,084,477
2044	381,056	277,097	545,247	1,244,377	256,110	514,467	603,653	973,565	637,086	1,059,668
2045	360,288	273,031	574,790	1,264,930	256,899	550,714	601,217	1,001,879	677,265	1,114,034
2046	341,328	254,068	506,801	1,136,404	221,999	482,607	550,447	902,559	586,180	1,003,745
2047	323,942	244,025	491,965	1,096,373	208,036	471,713	540,590	871,472	564,914	979,485
2048	370,672	256,287	532,277	1,253,600	253,869	636,514	659,484	981,842	720,940	1,115,380
2049	287,168	224,645	455,007	1,003,490	177,918	440,802	507,654	806,113	520,942	925,258
2050	287,802	229,139	507,073	1,069,412	186,034	502,907	551,720	855,159	582,957	1,010,906
2051	253,343	207,583	421,463	919,895	151,512	413,440	480,502	745,879	482,137	874,122
2052	237,141	199,719	404,979	884,756	139,178	399,891	481,797	716,901	463,923	848,879
2053	222,153	192,423	390,828	844,289	128,255	389,074	515,475	713,080	447,608	825,634
2054	206,226	185,184	372,606	801,462	116,224	425,006	497,726	683,853	429,566	798,990
2055	233,685	192,366	433,964	986,775	148,616	594,058	605,986	789,297	599,189	988,598
2056	177,914	172,151	342,984	773,053	96,185	398,934	487,192	630,953	398,663	882,110
2057	163,716	165,922	325,661	728,733	86,071	382,380	457,091	603,932	382,400	853,982
2058	150,621	160,061	310,462	693,130	77,165	368,289	443,690	578,552	367,659	827,591
2059	138,501	154,502	297,154	661,715	69,288	356,409	433,668	554,588	354,293	802,762
2060	133,450	157,026	325,708	690,804	68,952	391,687	467,090	578,696	396,631	855,784
2061	114,716	143,781	266,264	591,710	53,829	326,423	403,776	506,127	325,913	749,074
2062	127,590	141,517	277,487	637,237	62,955	421,066	465,422	538,479	420,148	819,085
2063	93,643	133,760	238,040	528,643	41,051	298,916	377,297	460,866	299,899	697,361
2064	83,976	128,924	224,329	500,577	35,470	285,318	373,803	439,118	287,361	671,715
2065	75,098	127,386	235,780	503,465	33,287	299,271	371,533	442,086	308,637	690,802
2066	66,402	119,491	197,764	440,923	25,840	258,474	337,659	397,378	263,115	620,875
2067	58,514	114,857	184,932	413,535	21,752	245,236	324,448	377,373	251,369	595,717
2068	51,366	110,275	173,422	390,498	18,251	233,503	321,635	358,247	240,513	571,732
2069	54,911	106,249	172,421	397,634	19,904	290,497	347,998	367,184	307,792	611,798
2070	40,446	106,315	173,426	369,021	13,827	236,994	309,824	348,254	255,989	575,020
Subtotals 2021 to 2070:	19,319,135	13,985,166	25,504,290	64,050,912	14,364,679	26,876,059	30,667,835	47,771,837	34,447,736	51,170,438

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries
Evaluated As of June 30, 2021

Calendar Year	BY 1999	BY 2000	BY 2001	BY 2002	BY 2003	BY 2004	BY 2005	BY 2006	BY 2007	BY 2008
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 6/30/21 (a)	19,497,049	15,152,753	26,719,440	67,378,566	14,406,342	28,975,518	34,126,202	51,463,269	37,211,526	57,717,315

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2071	33,009	96,646	137,840	315,292	9,837	194,838	273,493	303,014	207,213	497,971
2072	27,941	92,117	126,012	291,920	7,744	181,297	264,743	285,451	195,999	473,048
2073	23,476	87,585	115,390	269,673	6,052	169,145	245,073	268,621	185,565	449,198
2074	19,557	83,041	105,807	250,606	4,691	158,173	233,620	252,464	175,830	426,296
2075	16,023	80,457	106,778	244,069	3,864	159,006	229,336	247,990	185,797	428,227
2076	16,146	73,950	90,780	224,636	3,503	174,695	241,187	232,736	210,388	421,159
2077	10,401	69,323	77,623	194,797	1,910	124,233	194,635	206,769	146,391	357,391
2078	8,165	64,750	68,727	177,077	1,344	112,989	180,671	192,509	136,642	334,744
2079	6,315	60,199	60,781	161,402	928	102,792	168,237	178,827	127,534	313,116
2080	5,002	58,494	63,008	159,510	724	106,538	173,255	178,832	140,949	321,676
2081	3,562	51,227	46,407	132,805	405	83,627	144,020	152,883	110,027	271,283
2082	2,587	46,841	39,999	119,846	255	74,728	132,313	140,611	101,647	251,111
2083	2,310	42,550	35,449	111,153	211	83,431	135,977	131,926	127,347	255,187
2084	1,260	38,376	28,767	96,496	90	58,448	112,184	117,490	85,651	212,395
2085	840	35,208	26,895	90,291	55	55,274	103,550	111,027	88,065	205,599
2086	542	30,474	19,779	76,644	26	44,519	89,784	96,344	70,967	176,375
2087	335	26,795	15,882	67,096	13	38,114	79,597	86,509	63,763	159,062
2088	199	23,325	12,612	58,727	6	32,467	71,735	77,197	57,082	142,755
2089	112	20,086	9,889	51,333	3	27,487	62,305	68,413	50,878	127,417
2090	78	17,958	8,933	46,846	2	29,601	62,180	65,093	69,564	133,991
2091	30	14,366	5,581	37,415	0	18,884	46,630	52,453	39,052	98,844
2092	14	11,907	4,075	31,748	0	15,463	40,653	45,312	33,871	86,108
2093	6	9,723	2,853	26,227	0	12,439	33,797	38,741	28,874	74,131
2094	2	7,813	1,945	21,500	0	9,908	28,323	32,751	24,386	63,238
2095	1	6,326	1,446	18,160	0	8,263	24,477	28,377	23,059	56,284
2096	0	4,785	807	13,728	0	6,036	19,371	22,526	16,674	44,457
2097	0	3,639	488	10,652	0	4,937	16,007	18,291	18,454	39,778
2098	0	2,711	282	8,145	-	3,466	12,424	14,598	10,701	29,679
2099	-	6,913	152	5,994	-	2,556	9,721	11,453	8,288	23,679
2100	-	-	162	4,565	-	2,013	8,086	9,479	7,517	20,268
2101	-	-	-	9,300	-	1,317	5,741	6,646	4,688	14,361
2102	-	-	-	-	-	916	4,280	4,902	3,377	10,861
2103	-	-	-	-	-	1,860	3,143	3,533	2,373	8,053
2104	-	-	-	-	-	-	7,819	2,484	2,231	6,290
2105	-	-	-	-	-	-	-	5,180	1,211	4,331
2106	-	-	-	-	-	-	-	-	1,732	2,864
2107	-	-	-	-	-	-	-	-	-	5,653
2108	-	-	-	-	-	-	-	-	-	-
2109	-	-	-	-	-	-	-	-	-	-
2110	-	-	-	-	-	-	-	-	-	-
2111	-	-	-	-	-	-	-	-	-	-
2112	-	-	-	-	-	-	-	-	-	-
2113	-	-	-	-	-	-	-	-	-	-
2114	-	-	-	-	-	-	-	-	-	-
2115	-	-	-	-	-	-	-	-	-	-
2116	-	-	-	-	-	-	-	-	-	-
2117	-	-	-	-	-	-	-	-	-	-
2118	-	-	-	-	-	-	-	-	-	-
2119	-	-	-	-	-	-	-	-	-	-
2120	-	-	-	-	-	-	-	-	-	-
Subtotals 2071 to 2120:	177,914	1,167,588	1,215,149	3,327,654	41,663	2,099,460	3,458,367	3,691,432	2,763,790	6,546,877
Totals 2021 to 2120:	19,497,049	15,152,753	26,719,440	67,378,566	14,406,342	28,975,518	34,126,202	51,463,269	37,211,526	57,717,315

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries
Evaluated As of June 30, 2021

Calendar Year	BY 1989	BY 1990	BY 1991	BY 1992	BY 1993	BY 1994	BY 1995	BY 1996	BY 1997	BY 1998
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 6/30/21 (a)	14,875,561	8,273,057	19,117,371	40,612,180	32,844,366	16,999,739	26,204,425	24,713,865	37,468,604	61,505,398

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2021	310,419	161,843	399,389	785,605	969,349	319,913	482,751	415,915	649,839	1,205,145
2022	435,942	312,121	626,695	1,141,982	1,288,801	352,742	711,468	606,852	911,557	1,696,366
2023	471,312	433,713	642,120	1,345,432	1,349,309	353,634	851,395	834,642	1,100,184	1,743,681
2024	460,840	414,328	623,157	1,338,121	1,342,755	353,164	835,523	770,940	1,161,788	1,699,273
2025	490,992	428,925	697,156	1,459,748	1,324,375	384,970	860,238	1,006,755	1,221,383	1,891,883
2026	449,748	385,254	608,174	1,270,040	1,155,563	348,194	826,568	923,533	1,111,219	1,735,086
2027	686,654	446,527	862,922	1,740,754	1,323,609	499,205	1,121,803	1,142,579	1,442,514	2,271,439
2028	429,559	351,725	572,376	1,227,517	1,003,579	337,717	783,892	825,796	1,050,829	1,649,673
2029	450,147	339,176	577,054	1,252,670	946,963	336,320	768,611	787,620	1,025,956	1,579,065
2030	480,282	360,215	668,685	1,436,842	996,719	376,123	820,242	871,757	1,110,305	1,680,166
2031	428,798	307,607	569,854	1,211,983	847,482	325,679	727,946	762,808	974,363	1,527,366
2032	419,212	295,585	553,358	1,209,039	835,227	324,042	713,057	732,200	950,461	1,524,442
2033	408,211	279,570	534,165	1,141,998	792,758	317,420	691,923	699,384	921,526	1,439,295
2034	535,514	325,105	634,395	1,345,002	931,039	457,085	800,601	860,646	1,192,348	1,844,237
2035	416,595	274,622	553,191	1,207,457	788,648	342,379	695,792	668,435	946,011	1,498,179
2036	377,334	239,566	541,032	1,113,095	696,048	304,652	639,750	618,855	845,435	1,413,089
2037	367,034	226,782	522,663	1,051,136	669,008	300,283	622,815	594,995	820,899	1,342,016
2038	357,371	215,854	505,606	1,018,989	646,690	298,107	608,644	573,953	798,987	1,312,010
2039	346,404	202,049	486,419	981,096	620,656	291,359	589,540	550,711	773,004	1,314,213
2040	370,904	213,313	524,527	1,108,546	678,152	326,564	629,522	579,168	842,931	1,456,753
2041	438,392	220,871	492,120	1,099,564	714,619	413,239	654,778	650,067	965,839	1,653,566
2042	315,384	167,097	433,277	877,899	558,847	277,451	540,895	491,053	703,910	1,237,418
2043	305,039	156,055	415,902	843,992	540,371	272,660	524,961	472,602	681,562	1,204,259
2044	295,276	146,430	399,587	835,010	524,915	269,802	511,114	455,907	661,315	1,207,245
2045	307,845	146,370	415,996	859,936	589,781	288,696	520,844	452,907	792,108	1,194,536
2046	274,048	124,929	364,958	743,975	526,078	257,763	477,807	420,598	707,805	1,107,588
2047	264,276	116,129	349,152	713,306	511,723	306,780	463,981	405,183	686,336	1,080,819
2048	340,531	131,679	360,127	833,403	599,432	356,645	516,379	489,235	792,267	1,334,669
2049	243,177	97,012	315,994	647,080	478,437	291,727	431,463	372,645	639,423	1,013,786
2050	260,626	100,547	334,974	706,316	524,557	318,766	457,594	390,800	690,766	1,075,883
2051	222,728	80,325	284,537	584,606	448,457	278,079	400,979	342,528	595,076	952,256
2052	212,566	72,587	269,194	571,661	433,831	348,338	385,846	327,954	573,282	948,223
2053	202,909	65,775	254,632	525,612	420,976	341,333	372,026	314,339	552,932	895,268
2054	192,416	58,356	239,356	494,869	405,084	330,933	355,815	299,672	530,435	861,079
2055	263,019	70,450	260,864	602,676	505,895	391,258	407,005	366,477	649,358	1,079,310
2056	172,967	46,195	211,175	454,098	378,178	314,341	327,154	273,006	489,581	828,561
2057	162,792	40,210	196,999	410,632	362,690	303,593	311,406	259,229	467,983	770,848
2058	153,153	35,033	183,581	383,936	348,640	294,149	296,766	246,226	447,653	740,935
2059	144,017	30,548	170,850	358,903	335,837	285,854	283,044	233,878	428,435	714,198
2060	152,425	29,704	174,581	391,878	361,096	297,612	292,143	240,232	458,535	763,362
2061	125,183	22,112	145,731	308,834	306,501	264,850	253,332	208,482	388,140	651,704
2062	157,620	24,358	142,928	334,678	351,036	295,652	269,315	242,768	431,445	782,264
2063	107,451	15,544	122,651	263,527	278,466	244,613	224,936	184,331	349,731	592,763
2064	98,909	12,823	111,789	251,820	264,485	234,333	211,008	172,585	330,928	582,482
2065	101,200	11,734	108,892	243,939	272,579	237,477	207,626	165,963	344,670	560,173
2066	82,558	8,407	91,501	203,062	236,615	213,491	183,841	149,853	294,257	505,591
2067	74,798	6,665	82,090	184,934	222,759	202,948	170,633	138,886	276,438	477,044
2068	67,546	5,249	73,272	174,967	209,728	193,161	158,083	128,398	259,445	466,737
2069	82,732	5,383	67,912	171,905	230,903	210,568	160,681	143,541	279,615	526,678
2070	62,051	3,505	62,132	153,892	203,922	183,724	143,840	116,369	254,499	427,191

Subtotals 2021 to 2070: 14,576,907 8,265,961 18,839,695 39,617,957 31,353,166 15,469,391 25,297,377 23,983,257 35,575,309 58,059,813

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2021 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries
Evaluated As of June 30, 2021

Calendar Year	BY 1989	BY 1990	BY 1991	BY 1992	BY 1993	BY 1994	BY 1995	BY 1996	BY 1997	BY 1998
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 6/30/21 (a)	14,875,561	8,273,057	19,117,371	40,612,180	32,844,366	16,999,739	26,204,425	24,713,865	37,468,604	61,505,398

Estimated Prospective Period Loss & Expense Payments - 2021 Level Basis - (b)

2071	47,252	2,232	49,647	122,993	169,032	161,007	121,067	98,025	209,129	368,001
2072	41,124	1,590	42,813	114,297	155,340	149,717	109,256	88,426	192,810	352,881
2073	35,561	1,112	36,578	97,940	142,521	139,150	98,178	79,354	177,282	313,937
2074	30,535	762	30,917	87,105	130,471	129,188	87,790	70,799	162,480	289,655
2075	29,473	563	27,161	82,466	127,215	123,837	80,897	63,781	163,533	274,191
2076	30,646	434	21,722	75,546	123,159	125,795	74,377	65,521	153,400	308,363
2077	17,827	188	17,131	59,693	95,325	98,667	59,443	47,604	120,308	217,242
2078	14,450	105	13,605	52,201	84,344	88,656	51,152	40,849	107,257	194,067
2079	11,582	56	10,599	45,521	74,251	79,313	43,640	34,712	95,045	172,700
2080	11,056	33	8,631	44,468	72,401	74,674	39,624	31,185	94,729	172,067
2081	7,087	12	6,009	34,210	56,000	61,778	30,658	24,143	72,711	133,195
2082	5,401	5	4,350	29,466	47,918	53,690	25,193	19,718	62,666	115,224
2083	6,195	3	3,075	25,840	45,417	53,676	22,008	18,444	61,178	122,500
2084	2,967	1	2,075	21,932	33,951	39,119	16,249	12,540	44,976	87,397
2085	2,565	0	1,393	19,033	29,983	33,727	13,182	9,822	41,544	71,703
2086	1,514	0	853	15,338	22,975	27,024	9,779	7,424	30,654	57,078
2087	1,041	0	512	12,789	18,474	21,835	7,340	5,530	24,686	45,925
2088	2,378	0	293	10,660	14,680	17,371	5,391	4,030	19,569	38,566
2089	-	-	159	8,640	11,517	13,582	3,866	2,867	15,247	28,389
2090	-	-	154	7,565	10,287	12,195	3,068	2,305	14,768	28,498
2091	-	-	-	26,521	6,751	7,740	1,819	1,333	8,678	16,034
2092	-	-	-	-	19,189	5,665	1,194	869	6,342	12,552
2093	-	-	-	-	-	12,943	755	547	4,519	8,240
2094	-	-	-	-	-	-	1,126	333	3,147	5,679
2095	-	-	-	-	-	-	-	446	2,394	3,931
2096	-	-	-	-	-	-	-	-	4,242	2,748
2097	-	-	-	-	-	-	-	-	-	4,824
2098	-	-	-	-	-	-	-	-	-	-
2099	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-
2101	-	-	-	-	-	-	-	-	-	-
2102	-	-	-	-	-	-	-	-	-	-
2103	-	-	-	-	-	-	-	-	-	-
2104	-	-	-	-	-	-	-	-	-	-
2105	-	-	-	-	-	-	-	-	-	-
2106	-	-	-	-	-	-	-	-	-	-
2107	-	-	-	-	-	-	-	-	-	-
2108	-	-	-	-	-	-	-	-	-	-
2109	-	-	-	-	-	-	-	-	-	-
2110	-	-	-	-	-	-	-	-	-	-
2111	-	-	-	-	-	-	-	-	-	-
2112	-	-	-	-	-	-	-	-	-	-
2113	-	-	-	-	-	-	-	-	-	-
2114	-	-	-	-	-	-	-	-	-	-
2115	-	-	-	-	-	-	-	-	-	-
2116	-	-	-	-	-	-	-	-	-	-
2117	-	-	-	-	-	-	-	-	-	-
2118	-	-	-	-	-	-	-	-	-	-
2119	-	-	-	-	-	-	-	-	-	-
2120	-	-	-	-	-	-	-	-	-	-
Subtotals 2071 to 2120:	298,654	7,096	277,676	994,223	1,491,200	1,530,348	907,049	730,608	1,893,295	3,445,585
Totals 2021 to 2120:	14,875,561	8,273,057	19,117,371	40,612,180	32,844,366	16,999,739	26,204,425	24,713,865	37,468,604	61,505,398

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated 2021 Level Loss & ALAE Reserve - Before Inflation and Anticipated Investment Income
Adjustment of Birth Year Level Estimated Outstanding to 2021 Level Outstanding Loss & Expense

Evaluated As of June 30, 2021

Year of Birth	Birth Year Level (a) Outstanding Loss & ALAE	Outstanding Basis (b) Inflation - Cal. Year	2021 Level Adjustment Factor (c)	2021 Level Outstanding Loss & ALAE (2) x (4)	Actual Paid (d) Loss & ALAE @ 6/30/21	Indicated 2021 Level Ultimate Loss & ALAE (5) + (6)	2021 Level Case O/S (e) Loss & ALAE @ 6/30/21	2021 Level IBNR / Bulk Outstanding (5) - (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	10,318,996	0.81%	1.442	14,875,561	15,344,211	30,219,772	11,125,952	3,749,609
1990	5,785,312	0.67%	1.430	8,273,057	6,070,999	14,344,056	6,117,852	2,155,206
1991	13,458,268	0.50%	1.420	19,117,371	9,933,542	29,050,913	16,494,792	2,622,579
1992	28,733,734	0.44%	1.413	40,612,180	15,724,313	56,336,493	34,290,083	6,322,097
1993	23,341,025	0.40%	1.407	32,844,366	22,047,871	54,892,237	26,267,984	6,576,382
1994	12,129,742	0.37%	1.401	16,999,739	7,448,965	24,448,703	13,695,708	3,304,030
1995	18,766,496	0.36%	1.396	26,204,425	11,262,889	37,467,315	22,048,457	4,155,968
1996	17,762,086	0.30%	1.391	24,713,865	10,162,449	34,876,314	20,361,491	4,352,374
1997	27,010,990	0.25%	1.387	37,468,604	12,720,785	50,189,389	30,825,893	6,642,710
1998	44,449,748	0.30%	1.384	61,505,398	22,475,562	83,980,960	50,542,600	10,962,797
1999	14,132,961	0.38%	1.380	19,497,049	12,293,035	31,790,084	13,534,785	5,962,263
2000	11,025,652	0.36%	1.374	15,152,753	6,476,164	21,628,917	10,848,303	4,304,450
2001	19,511,770	0.34%	1.369	26,719,440	8,912,225	35,631,665	21,354,825	5,364,615
2002	49,369,878	0.33%	1.365	67,378,566	18,338,425	85,716,990	54,435,730	12,942,835
2003	10,590,917	0.29%	1.360	14,406,342	5,496,758	19,903,100	11,511,831	2,894,512
2004	21,363,001	4.94%	1.356	28,975,518	6,097,646	35,073,164	23,267,570	5,707,949
2005	26,403,804	0.87%	1.292	34,126,202	9,381,825	43,508,027	26,243,041	7,883,161
2006	40,162,440	4.86%	1.281	51,463,269	10,953,689	62,416,959	41,317,039	10,146,231
2007	30,450,776	4.55%	1.222	37,211,526	11,973,329	49,184,856	28,484,794	8,726,733
2008	49,380,826	0.35%	1.169	57,717,315	7,361,353	65,078,669	46,220,967	11,496,348
2009	59,194,028	0.32%	1.165	68,945,751	9,139,864	78,085,615	54,195,267	14,750,484
2010	31,200,442	0.36%	1.161	36,224,893	3,419,633	39,644,526	28,372,722	7,852,171
2011	50,926,328	0.42%	1.157	58,917,981	5,770,076	64,688,058	46,227,986	12,689,995
2012	34,945,010	9.83%	1.152	40,258,485	3,800,584	44,059,069	31,691,239	8,567,246
2013	32,034,001	0.72%	1.049	33,601,828	5,625,800	39,227,628	25,208,605	8,393,223
2014	40,443,424	0.18%	1.041	42,118,476	6,329,941	48,448,417	29,563,677	12,554,799
2015	79,484,968	2.01%	1.040	82,627,624	5,450,447	88,078,071	58,493,830	24,133,794
2016	28,941,110	0.22%	1.019	29,493,574	1,070,369	30,563,943	17,360,535	12,133,039
2017	60,391,467	0.22%	1.017	61,406,817	2,498,739	63,905,557	35,945,076	25,461,741
2018	80,095,062	0.22%	1.015	81,261,551	3,528,346	84,789,898	47,284,225	33,977,326
2019	79,582,931	1.01%	1.012	80,565,150	1,942,682	82,507,832	36,074,014	44,491,136
2020	67,872,511	0.22%	1.002	68,020,068	22,378	68,042,447	9,993,533	58,026,535
2021 (6 Mo)	36,669,504		1.000	36,669,504	-	36,669,504	-	36,669,504
Totals:								
All Years	1,155,929,209			1,355,374,250	279,074,897	1,634,449,147	929,400,408	425,973,842
1989 to 1998	201,756,399			282,614,566	133,191,587	415,806,153	231,770,813	50,843,753
1999 to 2021	954,172,810			1,072,759,684	145,883,310	1,218,642,994	697,629,595	375,130,089

Notes: (a) See Exhibit IV, Sheet 1, Column (7).

(b) Estimated NICA inflation rate by calendar year. Based on review of historical inflation in paid and outstanding loss & expense weighted by the estimated percentage of overall cost by component - see Appendix B.

(c) Factor to adjust the birth year level outstanding loss & expense to 2021 level - based on factors shown in column (3).

(d) The actual paid loss & ALAE excluded retroactive payments as provided by NICA as of June 30, 2021.

See Exhibit IX, Sheets 6a - 1, 2, and 3.

(e) The 2021 level case outstanding as provided by NICA as of June 30, 2021. See Exhibit IX, Sheets 4a, 4b and 4c.

Birth Year Level Loss & ALAE

Evaluated As of June 30, 2021

Year of Birth	Birth Year Level						Open (d) Accepted Reported Claim Counts @ 6/30/21
	Ultimate (a) Loss & ALAE	Paid (b) Loss & ALAE @ 6/30/21	Incurred (c) Loss & ALAE @ 6/30/21	Case O/S Loss & ALAE @ 6/30/21 (4) - (3)	IBNR / Bulk Loss & ALAE @ 6/30/21 (2) - (4)	Case+IBNR Loss & ALAE @ 6/30/21 (2) - (3)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	22,741,698	12,422,702	20,140,640	7,717,938	2,601,058	10,318,996	3
1990	10,675,017	4,889,704	9,167,891	4,278,187	1,507,126	5,785,312	3
1991	20,887,663	7,429,395	19,041,417	11,612,022	1,846,246	13,458,268	4
1992	40,969,771	12,236,036	36,496,791	24,260,754	4,472,980	28,733,734	9
1993	41,141,805	17,800,780	36,468,264	18,667,484	4,673,541	23,341,025	8
1994	18,517,613	6,387,871	16,160,104	9,772,233	2,357,509	12,129,742	3
1995	27,692,144	8,925,648	24,715,816	15,790,168	2,976,328	18,766,496	5
1996	26,175,897	8,413,811	23,047,805	14,633,995	3,128,092	17,762,086	6
1997	37,355,085	10,344,095	32,566,377	22,222,283	4,788,708	27,010,990	8
1998	62,649,526	18,199,778	54,726,748	36,526,971	7,922,778	44,449,748	11
1999	24,472,532	10,339,571	20,150,625	9,811,054	4,321,907	14,132,961	3
2000	16,523,213	5,497,561	13,391,151	7,893,589	3,132,062	11,025,652	4
2001	27,023,591	7,511,821	23,106,101	15,594,280	3,917,490	19,511,770	4
2002	64,472,941	15,103,063	54,989,418	39,886,355	9,483,523	49,369,878	13
2003	15,161,821	4,570,904	13,033,902	8,462,998	2,127,919	10,590,917	3
2004	26,526,096	5,163,095	22,317,753	17,154,658	4,208,343	21,363,001	5
2005	34,235,943	7,832,139	28,136,657	20,304,518	6,099,285	26,403,804	7
2006	49,297,847	9,135,407	41,379,629	32,244,222	7,918,218	40,162,440	9
2007	40,478,375	10,027,600	33,337,153	23,309,554	7,141,222	30,450,776	7
2008	55,567,659	6,186,832	45,731,803	39,544,971	9,835,855	49,380,826	9
2009	67,914,069	8,720,042	55,249,902	46,529,860	12,664,168	59,194,028	10
2010	34,507,146	3,306,704	27,744,084	24,437,380	6,763,062	31,200,442	5
2011	56,492,450	5,566,122	45,523,729	39,957,608	10,968,720	50,926,328	10
2012	38,637,630	3,692,620	31,201,123	27,508,503	7,436,506	34,945,010	7
2013	37,523,182	5,489,181	29,521,578	24,032,397	8,001,604	32,034,001	7
2014	46,633,453	6,190,029	34,577,959	28,387,930	12,055,495	40,443,424	9
2015	84,811,107	5,326,139	61,595,217	56,269,078	23,215,890	79,484,968	15
2016	29,994,660	1,053,551	18,088,894	17,035,343	11,905,767	28,941,110	6
2017	62,855,030	2,463,563	37,814,294	35,350,731	25,040,736	60,391,467	13
2018	83,584,064	3,489,002	50,094,474	46,605,472	33,489,590	80,095,062	16
2019	81,511,028	1,928,097	37,562,311	35,634,214	43,948,717	79,582,931	10
2020	67,894,804	22,293	9,994,147	9,971,854	57,900,657	67,872,511	5
2021 (6 Mo)	36,669,504	-	-	-	36,669,504	36,669,504	-
Totals:	1,391,594,364	235,665,155	1,007,073,757	771,408,602	384,520,606	1,155,929,209	237

Notes: (a) See Exhibit IV, Sheet 2, Column (8).
 (b) See Exhibit VIII, Sheet 1, Column (2).
 (c) See Exhibit VII, Sheet 1, Column (2).
 (d) See Exhibit X, Sheet 1e, Column (5).

Development of Birth Year Level Ultimate Loss & ALAE

Evaluated As of June 30, 2021

Year of Birth	Ultimate Loss & ALAE - Birth Year Level							Prior Selected Ultimate BY Level @ 3/31/21	Increase or (Decrease) From 3/31/21 to 6/30/21
	Paid Projection (a)	Incurred Projection (b)	Frequency/Severity (c)	Bornhuetter-Ferguson (d)	Cape Cod Method (e)	Incremental Payment Method (f)	Selected (g)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	27,883,996	22,104,352	23,860,386	22,260,355	22,008,521	24,252,135	22,741,698	22,671,711	69,987
1990	11,524,202	10,107,038	11,666,105	10,251,907	11,208,394	9,680,374	10,675,017	10,640,437	34,579
1991	18,385,312	21,086,460	20,542,796	21,033,734	21,416,600	24,172,402	20,887,663	20,858,124	29,539
1992	31,794,179	40,598,410	41,610,264	40,700,637	39,210,769	44,108,197	40,969,771	40,914,729	55,041
1993	48,566,320	40,749,228	41,814,994	40,861,194	39,381,770	44,719,711	41,141,805	41,053,978	87,828
1994	18,299,601	18,138,376	19,164,205	18,250,258	18,900,767	21,427,148	18,517,613	18,483,095	34,518
1995	26,848,159	27,866,288	27,396,920	27,813,223	27,669,068	33,014,679	27,692,144	27,664,394	27,750
1996	26,573,991	26,102,595	26,299,461	26,125,635	26,234,888	25,485,136	26,175,897	26,142,541	33,356
1997	34,304,085	37,048,746	37,868,576	37,147,933	36,008,960	42,279,316	37,355,085	37,315,247	39,838
1998	63,149,445	62,786,455	62,422,400	62,739,723	58,201,989	66,500,505	62,649,526	62,463,346	186,180
1999	37,822,406	23,753,511	25,626,487	24,037,600	24,071,520	21,411,338	24,472,532	24,310,330	162,202
2000	21,171,010	16,005,801	17,340,075	16,223,763	17,345,480	13,467,286	16,523,213	16,394,075	129,138
2001	30,283,802	27,784,267	25,831,103	27,455,404	27,568,898	27,792,803	27,023,591	26,865,611	157,980
2002	64,202,209	64,206,787	64,905,014	64,307,022	59,115,581	59,780,280	64,472,941	63,824,624	648,317
2003	20,602,966	15,340,678	14,874,244	15,270,540	17,700,502	13,951,836	15,161,821	14,862,926	298,895
2004	24,625,174	26,657,816	26,317,984	26,602,489	27,751,300	27,853,174	26,526,096	25,987,939	538,158
2005	39,546,577	33,401,943	35,563,246	33,742,638	33,966,113	32,822,729	34,235,943	33,391,835	844,108
2006	49,463,455	49,131,852	49,561,970	49,199,718	47,306,731	48,330,326	49,297,847	48,170,045	1,127,802
2007	58,479,104	40,147,268	40,996,531	40,291,327	40,484,970	38,595,246	40,478,375	39,454,048	1,024,327
2008	38,760,590	56,248,048	54,528,391	55,926,537	54,145,465	54,993,200	55,567,659	52,513,800	3,053,859
2009	59,391,909	69,263,640	65,896,238	68,582,331	65,041,681	63,381,462	67,914,069	66,168,021	1,746,049
2010	24,648,076	35,027,836	33,734,670	34,758,933	38,106,503	38,201,308	34,507,146	33,182,375	1,324,771
2011	45,434,485	56,379,639	56,663,427	56,434,282	55,338,283	49,808,474	56,492,450	55,042,180	1,450,270
2012	33,515,262	39,051,740	38,017,353	38,843,796	41,760,296	39,978,765	38,637,630	37,696,637	940,993
2013	55,590,214	37,104,775	38,146,994	37,317,776	41,463,932	30,361,812	37,523,182	36,891,608	631,574
2014	73,548,971	45,892,203	47,676,142	46,332,015	49,911,118	36,106,481	46,633,453	45,231,049	1,402,404
2015	73,268,765	85,481,000	83,910,236	85,042,085	79,947,413	74,482,539	84,811,107	82,006,882	2,804,224
2016	17,762,052	26,425,453	28,353,195	27,033,606	39,938,679	28,222,369	29,994,660	28,439,610	1,555,051
2017	51,600,836	59,937,160	67,920,338	62,883,759	64,188,280	59,345,613	62,855,030	58,550,541	4,304,489
2018	117,759,986	82,577,803	88,692,090	84,982,958	79,601,807	82,065,662	83,584,064	86,770,463	(3,186,399)
2019	115,374,804	80,495,046	87,112,239	84,024,384	79,958,658	74,948,831	81,511,028	75,714,771	5,796,257
2020	26,679,303	47,653,257	71,035,147	66,131,347	76,541,043	57,871,679	67,894,804	67,959,566	(64,762)
2021 (6 Mo)	N/A	N/A	38,710,561	37,086,836	40,477,700	30,402,920	36,669,504	19,906,644	N/A
Totals:									
All Years	N/A	N/A	1,414,059,781	1,389,695,745	1,401,973,679	1,339,815,736	1,391,594,364	N/A	N/A
1989 - 2020	1,386,861,244	1,324,555,472	1,375,349,220	1,352,608,909	1,361,495,979	1,309,412,816	1,354,924,859	1,327,636,537	27,288,322
1989 - 2019	1,360,181,940	1,276,902,215	1,304,314,073	1,286,477,562	1,284,954,937	1,251,541,137	1,287,030,056	1,259,676,972	27,353,084

Notes: (a) See Exhibit VIII, Sheet 1, Column (5).

(b) See Exhibit VII, Sheet 1, Column (5).

(c) See Exhibit VI, Sheet 1, Column (14).

(d) See Exhibit V, Column (6).

(e) See Exhibit VI, Sheet 2, Column (11).

(f) See Appendix E, Exhibit I, Sheet 1, Column (7).

(g) Selected based on average of columns (3), (4), & (5) for birth years 2015 and prior. The selection for birth years 2016 to 2018 is based on average of columns (3), (4), (5), (6), & (7). The selection for birth years 2019 and 2021 is based on average of columns (4), (5), (6), & (7).

Estimation of Ultimate Loss & ALAE - Adjusted to Birth Year Level
Based on Bornhuetter-Ferguson Approach
Evaluated As of June 30, 2021

Year of Birth	Birth Year Level Initial Expected Ultimate (a) Loss & ALAE	Expected Percent (b) Unreported @ 6/30/21	Birth Year Level Expected Unreported Loss & ALAE (2) x (3)	Birth Year (c) Level Reported Loss & ALAE	Indicated Birth Year Level Ultimate Loss & ALAE (4) + (5)
-----	-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)	(6)
1989	23,860,386	8.9%	2,119,715	20,140,640	22,260,355
1990	11,666,105	9.3%	1,084,016	9,167,891	10,251,907
1991	20,542,796	9.7%	1,992,316	19,041,417	21,033,734
1992	41,610,264	10.1%	4,203,846	36,496,791	40,700,637
1993	41,814,994	10.5%	4,392,929	36,468,264	40,861,194
1994	19,164,205	10.9%	2,090,154	16,160,104	18,250,258
1995	27,396,920	11.3%	3,097,407	24,715,816	27,813,223
1996	26,299,461	11.7%	3,077,829	23,047,805	26,125,635
1997	37,868,576	12.1%	4,581,556	32,566,377	37,147,933
1998	62,422,400	12.8%	8,012,974	54,726,748	62,739,723
1999	25,626,487	15.2%	3,886,975	20,150,625	24,037,600
2000	17,340,075	16.3%	2,832,612	13,391,151	16,223,763
2001	25,831,103	16.8%	4,349,303	23,106,101	27,455,404
2002	64,905,014	14.4%	9,317,605	54,989,418	64,307,022
2003	14,874,244	15.0%	2,236,639	13,033,902	15,270,540
2004	26,317,984	16.3%	4,284,736	22,317,753	26,602,489
2005	35,563,246	15.8%	5,605,981	28,136,657	33,742,638
2006	49,561,970	15.8%	7,820,089	41,379,629	49,199,718
2007	40,996,531	17.0%	6,954,174	33,337,153	40,291,327
2008	54,528,391	18.7%	10,194,734	45,731,803	55,926,537
2009	65,896,238	20.2%	13,332,430	55,249,902	68,582,331
2010	33,734,670	20.8%	7,014,849	27,744,084	34,758,933
2011	56,663,427	19.3%	10,910,553	45,523,729	56,434,282
2012	38,017,353	20.1%	7,642,673	31,201,123	38,843,796
2013	38,146,994	20.4%	7,796,198	29,521,578	37,317,776
2014	47,676,142	24.7%	11,754,056	34,577,959	46,332,015
2015	83,910,236	27.9%	23,446,868	61,595,217	85,042,085
2016	28,353,195	31.5%	8,944,712	18,088,894	27,033,606
2017	67,920,338	36.9%	25,069,465	37,814,294	62,883,759
2018	88,692,090	39.3%	34,888,484	50,094,474	84,982,958
2019	87,112,239	53.3%	46,462,073	37,562,311	84,024,384
2020	71,035,147	79.0%	56,137,200	9,994,147	66,131,347
2021 (6 Mo)	38,710,561	95.8%	37,086,836	-	37,086,836
Totals:	1,414,059,781		382,621,988	1,007,073,757	1,389,695,745

Notes: (a) See Exhibit VI, Sheet 1, Column (14).

(b) Based on cumulative development factors shown in Exhibit VII, Sheet 1, Col. (4) for all birth years prior to the current birth year. The percent unreported for the current birth year is adjusted to account for the partial year.

(c) See Exhibit VII, Sheet 1, Column (2).

Estimated Ultimate Loss & Expense Based on Frequency / Severity Method - Birth Year Cost Level

Sheet 1

Birth Year Level Ultimate Loss & ALAE Based On										Birth Year Level Average Claim Size		Indicated Birth Year Level Claim Size		Estimated Birth Year Level Ultimate Loss & ALAE
Year of Birth	Paid (a) Projection	Incurred (b) Projection	Selected	Inflation Incurred Basis (c)	Adjustment Factor to 2021 Level	Estimated 2021 Level Ultimate Loss & ALAE (4) x (6)	Estimated Ultimate (d) Accepted Claim Cts. (AAA & AAD Only)	Indicated Average Claim Size		Based on All Years Average (15) / (6)	Estimated % Rept. (e)	Average (f) Claim Size	Loss & ALAE (13) x (8)	
								Birth Year Level (4) / (8)	2021 Level (7) / (8)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
1989	27,883,996	22,104,352	22,104,352	0.90%	1.453	32,113,572	11.0	2,009,487	2,919,416	3,806,454	91.12%	2,169,126	23,860,386	
1990	11,524,202	10,107,038	10,107,038	0.76%	1.440	14,552,361	7.0	1,443,863	2,078,909	3,840,801	90.71%	1,666,586	11,666,105	
1991	18,385,312	21,086,460	21,086,460	0.60%	1.429	30,130,308	4.0	5,271,615	7,532,577	3,870,183	90.30%	5,135,699	20,542,796	
1992	31,794,179	40,598,410	40,598,410	0.55%	1.420	57,665,244	13.0	3,122,955	4,435,788	3,893,376	89.90%	3,200,790	41,610,264	
1993	48,566,320	40,749,228	40,749,228	0.51%	1.413	57,560,968	13.0	3,134,556	4,427,767	3,914,918	89.49%	3,216,538	41,814,994	
1994	18,299,601	18,138,376	18,138,376	0.45%	1.405	25,491,817	7.0	2,591,197	3,641,688	3,934,858	89.09%	2,737,744	19,164,205	
1995	26,848,159	27,866,288	27,866,288	0.43%	1.399	38,989,231	6.0	4,644,381	6,498,205	3,952,445	88.69%	4,566,153	27,396,920	
1996	26,573,991	26,102,595	26,102,595	0.37%	1.393	36,366,904	7.0	3,728,942	5,195,272	3,969,253	88.30%	3,757,066	26,299,461	
1997	34,304,085	37,048,746	37,048,746	0.32%	1.388	51,425,161	11.0	3,368,068	4,675,015	3,984,091	87.90%	3,442,598	37,868,576	
1998	63,149,445	62,786,455	62,786,455	0.37%	1.384	86,875,350	15.0	4,185,764	5,791,690	3,996,693	87.16%	4,161,493	62,422,400	
1999	37,822,406	23,753,511	23,753,511	0.44%	1.379	32,747,032	9.0	2,639,279	3,638,559	4,011,320	84.83%	2,847,387	25,626,487	
2000	21,171,010	16,005,801	16,005,801	0.42%	1.373	21,969,364	6.0	2,667,633	3,661,561	4,028,945	83.66%	2,890,012	17,340,075	
2001	30,283,802	27,784,267	27,784,267	0.42%	1.367	37,975,222	4.0	6,946,067	9,493,805	4,046,039	83.16%	6,457,776	25,831,103	
2002	64,202,209	64,206,787	64,206,787	0.41%	1.361	87,391,351	17.0	3,776,870	5,140,668	4,062,973	85.64%	3,817,942	64,905,014	
2003	20,602,966	15,340,678	15,340,678	0.38%	1.356	20,795,032	3.0	5,113,559	6,931,677	4,079,589	84.96%	4,958,081	14,874,244	
2004	24,625,174	26,657,816	26,657,816	4.59%	1.350	35,999,269	6.0	4,442,969	5,999,878	4,095,079	83.72%	4,386,331	26,317,984	
2005	39,546,577	33,401,943	33,401,943	0.90%	1.291	43,127,740	11.0	3,036,540	3,920,704	4,282,984	84.24%	3,233,022	35,563,246	
2006	49,463,455	49,131,852	49,131,852	4.49%	1.280	62,872,597	12.0	4,094,321	5,239,383	4,321,487	84.22%	4,130,164	49,561,970	
2007	58,479,104	40,147,268	40,147,268	4.20%	1.225	49,169,117	10.0	4,014,727	4,916,912	4,515,387	83.04%	4,099,653	40,996,531	
2008	38,760,590	56,248,048	56,248,048	1.67%	1.175	66,111,630	10.0	5,624,805	6,611,163	4,705,015	81.30%	5,452,839	54,528,391	
2009	59,391,909	69,263,640	69,263,640	0.37%	1.156	80,071,495	11.0	6,296,695	7,279,227	4,783,643	79.77%	5,990,567	65,896,238	
2010	24,648,076	35,027,836	35,027,836	0.41%	1.152	40,343,033	6.0	5,837,973	6,723,839	4,801,492	79.21%	5,622,445	33,734,670	
2011	45,434,485	56,379,639	56,379,639	0.47%	1.147	64,670,388	12.0	4,698,303	5,389,199	4,821,123	80.74%	4,721,952	56,663,427	
2012	33,515,262	39,051,740	39,051,740	8.91%	1.142	44,585,024	7.0	5,578,820	6,369,289	4,843,762	79.90%	5,431,050	38,017,353	
2013	55,590,214	37,104,775	37,104,775	0.71%	1.048	38,894,992	8.0	4,638,097	4,861,874	5,275,548	79.56%	4,768,374	38,146,994	
2014	73,548,971	45,892,203	45,892,203	0.21%	1.041	47,768,976	10.0	4,589,220	4,776,898	5,312,811	75.35%	4,767,614	47,676,142	
2015	73,268,765	85,481,000	85,481,000	1.85%	1.039	88,790,173	15.0	5,698,733	5,919,345	5,323,976	72.06%	5,594,016	83,910,236	
2016	17,762,052	26,425,453	26,425,453	0.28%	1.020	26,948,842	6.0	4,404,242	4,491,474	5,422,677	68.45%	4,725,532	28,353,195	
2017	51,600,836	59,937,160	59,937,160	0.25%	1.017	60,955,147	15.0	3,995,811	4,063,676	5,437,725	63.09%	4,528,023	67,920,338	
2018	117,759,986	82,577,803	82,577,803	0.25%	1.014	83,772,982	18.0	4,587,656	4,654,055	5,451,183	60.66%	4,927,338	88,692,090	
2019	115,374,804	80,495,046	80,495,046	0.96%	1.012	81,456,525	17.0	4,735,003	4,791,560	5,464,805	46.66%	5,124,249	87,112,239	
2020	26,679,303	47,653,257	47,653,257	0.23%	1.002	47,764,790	14.0	3,403,804	3,411,771	5,517,167	20.97%	5,073,939	71,035,147	
2021 (6 Mo)	N/A	N/A	N/A		1.000	N/A	7.0	N/A	N/A	5,530,080	N/A	5,530,080	38,710,561	

Totals / Averages:

1992 - 2016	1,017,652,805	1,000,594,355	1,000,594,355			1,244,605,951	235	4,257,848	5,296,196				1,004,520,118
1992 - 2004	448,243,347	427,038,959	427,038,959			591,251,946	117	3,649,906	5,053,435				431,471,727
2005 - 2016	569,409,459	573,555,396	573,555,396			653,354,006	118	4,860,639	5,536,898				573,048,392
1995 - 2004	349,583,247	327,552,944	327,552,944			450,533,916	84	3,899,440	5,363,499				328,882,263
2005 - 2015	551,647,406	547,129,944	547,129,944			626,405,163	112	4,885,089	5,592,903				544,695,197
1997 - 2006	385,171,129	356,117,856	356,117,856			481,178,118	94	3,788,488	5,118,916				360,311,098
2007 - 2017	532,000,262	550,958,761	550,958,761			608,308,816	110	5,008,716	5,530,080				555,843,514
2010 - 2017	375,368,660	385,299,805	385,299,805			412,956,576	79	4,877,213	5,227,298				394,422,355

(15) Selected 2021 Level Average Claim Size ==> 5,530,080

Notes: (a) See Exhibit VIII, Sheet 1.

(b) See Exhibit VII, Sheet 1.

(c) See Exhibit IX, Sheets 8a, 8b and 8c, calendar year factors.

(d) Based on ultimate reported accepted claim counts for AAA and AAD only (Excluding DA claims). See Exhibit X, Sheet 1a, Column (10).

(e) See Exhibit VII, Sheet 1, Column (4) for basis of reporting pattern for all years other than the current birth year.

(f) The historical birth year level average claim size is based on a combination (wtd. avg.) of the average for all years (column (10)) and the average based on experience (column (9)) for all birth years prior to the current birth year. The calculation for the current birth year is shown in Item (15). The weights are based on reporting pattern as shown in column (12).

Estimation of Birth Year Level Ultimate Loss & ALAE
Based on Cape Cod Type Methodology

Evaluated As of June 30, 2021

Year of Birth	Insured (a)	Birth Year Level (b) Incurred Loss & ALAE @ 6/30/21	Expected Percent (c) Reported @ 6/30/21	Exposure Adjusted to Expected Percent Reported (2) X (4)	Adjustment Factor to (d) 2021 Level	Incurred (Reported) Loss & ALAE Adjusted to BY 2021 Level (3) X (6)	2021 Level Loss & ALAE per Insured Physician (7) / (5)	Indicated (e) BY Level Unreported Loss & ALAE	Indicated BY Level Ultimate Loss & ALAE (3) + (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)	(11)
1989	570	20,140,640	91.12%	519.4	1.453	29,260,657	56,340	1,867,881	22,008,521
1990	590	9,167,891	90.71%	535.2	1.440	13,200,154	24,665	2,040,503	11,208,394
1991	653	19,041,417	90.30%	589.7	1.429	27,208,159	46,141	2,375,183	21,416,600
1992	712	36,496,791	89.90%	640.1	1.420	51,839,378	80,991	2,713,978	39,210,769
1993	731	36,468,264	89.49%	654.2	1.413	51,513,825	78,743	2,913,506	39,381,770
1994	659	16,160,104	89.09%	587.1	1.405	22,711,539	38,683	2,740,663	18,900,767
1995	682	24,715,816	88.69%	604.9	1.399	34,581,235	57,169	2,953,252	27,669,068
1996	708	23,047,805	88.30%	625.1	1.393	32,110,880	51,366	3,187,083	26,234,888
1997	737	32,566,377	87.90%	647.8	1.388	45,203,452	69,776	3,442,583	36,008,960
1998	699	54,726,748	87.16%	609.3	1.384	75,723,425	124,285	3,475,241	58,201,989
1999	665	20,150,625	84.83%	564.1	1.379	27,780,027	49,244	3,920,895	24,071,520
2000	620	13,391,151	83.66%	518.7	1.373	18,380,527	35,434	3,954,330	17,345,480
2001	676	23,106,101	83.16%	562.2	1.367	31,581,158	56,176	4,462,796	27,568,898
2002	730	54,989,418	85.64%	625.2	1.361	74,845,663	119,714	4,126,164	59,115,581
2003	785	13,033,902	84.96%	667.0	1.356	17,668,085	26,490	4,666,601	17,700,502
2004	841	22,317,753	83.72%	704.1	1.350	30,138,358	42,805	5,433,546	27,751,300
2005	891	28,136,657	84.24%	750.5	1.291	36,329,336	48,404	5,829,456	33,966,113
2006	897	41,379,629	84.22%	755.5	1.280	52,952,303	70,092	5,927,102	47,306,731
2007	963	33,337,153	83.04%	799.6	1.225	40,828,640	51,058	7,147,816	40,484,970
2008	987	45,731,803	81.30%	802.5	1.175	53,751,271	66,982	8,413,661	54,145,465
2009	1,044	55,249,902	79.77%	832.8	1.156	63,871,062	76,697	9,791,779	65,041,681
2010	1,071	27,744,084	79.21%	848.3	1.152	31,954,029	37,669	10,362,419	38,106,503
2011	1,091	45,523,729	80.74%	880.9	1.147	52,218,093	59,276	9,814,554	55,338,283
2012	1,119	31,201,123	79.90%	894.0	1.142	35,622,045	39,844	10,559,173	41,760,296
2013	1,143	29,521,578	79.56%	909.4	1.048	30,945,924	34,029	11,942,354	41,463,932
2014	1,208	34,577,959	75.35%	910.2	1.041	35,992,032	39,544	15,333,159	49,911,118
2015	1,273	61,595,217	72.06%	917.3	1.039	63,979,715	69,749	18,352,196	79,947,413
2016	1,318	18,088,894	68.45%	902.2	1.020	18,447,167	20,447	21,849,785	39,938,679
2017	1,356	37,814,294	63.09%	855.5	1.017	38,456,541	44,952	26,373,985	64,188,280
2018	1,420	50,094,474	60.66%	861.4	1.014	50,819,510	58,995	29,507,333	79,601,807
2019	1,501	37,562,311	46.66%	700.4	1.012	38,010,976	54,268	42,396,347	79,958,658
2020	1,575	9,994,147	20.97%	330.3	1.002	10,017,538	30,327	66,546,896	76,541,043
2021 (6 Mo)	1,543	0	2.10%	32.4	1.000	0	0	40,477,700	40,477,700

Totals / Averages:

1992 - 2016	22,250	823,258,584		18,213		1,030,969,169	56,606	183,314,093	1,006,572,677
1992 - 2004	9,245	371,170,856		8,010		514,077,552	64,181	47,990,637	419,161,493
2005 - 2016	13,005	452,087,728		10,203		516,891,618	50,660	135,323,456	587,411,184
1995 - 2004	7,143	282,045,697		6,128		388,012,810	63,314	39,622,490	321,668,187
2005 - 2015	11,687	433,998,834		9,301		498,444,450	53,590	113,473,670	547,472,505
1997 - 2006	7,541	303,798,362		6,404		410,602,334	64,113	45,238,714	349,037,076
2007 - 2017	12,573	420,385,736		9,553		466,066,520	48,789	149,940,883	570,326,619
2010 - 2017	9,579	286,066,878		7,118		307,615,547	43,218	124,587,626	410,654,504

(9) Indicated 2021 Level Loss & ALAE per Insured Physician

53,590

Notes: (a) See Exhibit X, Sheet 1d, Column (6) for birth years 2015 & prior, and Exhibit X, Sheet 1c, Columns (4) for birth years 2016 & subsequent.

(b) See Exhibit VII, Sheet 1.

(c) Based on cumulative development factors shown in Exhibit VII, Sheet 1, Column (4).

(d) See Exhibit VI, Sheet 1, Column (6).

(e) Calculation = [Item (9) / Column (6)] X [1.0 - Column (4)] X Column (2), except for the current year (2021) - current year calculation is adjusted to account for the partial year.

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis

Evaluated As of June 30, 2021

Year of Birth	Combined	Loss Development Factors		Combined
	Incurred	-----		Incurred
	Loss & ALAE	Incremental	Cumulative	Loss & ALAE
-----	-----	-----	-----	Projection
(1)	(2)	(3)	(4)	(2) x (4)
-----	-----	-----	-----	-----
1989	20,140,640	1.0975	1.0975	22,104,352
1990	9,167,891	1.0045	1.1024	10,107,038
1991	19,041,417	1.0045	1.1074	21,086,460
1992	36,496,791	1.0045	1.1124	40,598,410
1993	36,468,264	1.0045	1.1174	40,749,228
1994	16,160,104	1.0045	1.1224	18,138,376
1995	24,715,816	1.0045	1.1275	27,866,288
1996	23,047,805	1.0045	1.1325	26,102,595
1997	32,566,377	1.0045	1.1376	37,048,746
1998	54,726,748	1.0085	1.1473	62,786,455
1999	20,150,625	1.0275	1.1788	23,753,511
2000	13,391,151	1.0140	1.1953	16,005,801
2001	23,106,101	1.0060	1.2025	27,784,267
2002	54,989,418	0.9710	1.1676	64,206,787
2003	13,033,902	1.0080	1.1770	15,340,678
2004	22,317,753	1.0149	1.1945	26,657,816
2005	28,136,657	0.9939	1.1871	33,401,943
2006	41,379,629	1.0002	1.1873	49,131,852
2007	33,337,153	1.0143	1.2043	40,147,268
2008	45,731,803	1.0213	1.2300	56,248,048
2009	55,249,902	1.0193	1.2536	69,263,640
2010	27,744,084	1.0071	1.2625	35,027,836
2011	45,523,729	0.9809	1.2385	56,379,639
2012	31,201,123	1.0106	1.2516	39,051,740
2013	29,521,578	1.0042	1.2569	37,104,775
2014	34,577,959	1.0560	1.3272	45,892,203
2015	61,595,217	1.0456	1.3878	85,481,000
2016	18,088,894	1.0527	1.4609	26,425,453
2017	37,814,294	1.0850	1.5850	59,937,160
2018	50,094,474	1.0400	1.6484	82,577,803
2019	37,562,311	1.3000	2.1430	80,495,046
2020	9,994,147	2.2250	4.7681	47,653,257
2021	0	10.0000	47.6812	0
Totals:	1,007,073,757			1,324,555,472

Year of Birth	6	18	30	42	54	66	78	90	102	114	126	138
1989				19,257,693	25,388,843	23,890,754	15,258,919	12,406,781	16,786,735	18,368,731	18,843,888	16,822,548
1990			15,739,234	22,338,711	18,424,338	16,127,246	16,108,099	16,155,795	12,979,276	12,562,865	12,748,004	13,271,793
1991		5,090,323	11,619,369	8,748,246	7,498,990	7,473,434	7,981,686	7,811,152	7,672,195	8,212,567	8,371,938	12,517,389
1992	-	10,269,140	12,706,986	16,292,443	17,274,071	18,050,072	15,681,234	16,274,314	16,855,700	16,366,392	20,452,217	21,926,400
1993	-	6,034,382	15,603,715	20,439,101	24,482,526	25,241,896	33,372,739	35,723,375	55,251,211	56,103,434	51,330,239	48,519,186
1994	-	3,605,947	9,369,619	6,939,673	8,057,863	12,034,599	17,764,395	18,095,819	16,332,030	10,130,549	9,763,686	10,337,799
1995	-	302,654	4,411,454	10,049,491	13,664,069	13,899,888	14,253,921	19,594,578	19,517,479	20,216,327	20,820,784	23,757,470
1996	-	1,620,120	6,148,936	8,016,485	8,655,705	22,727,976	26,057,592	24,194,623	24,755,037	29,290,555	28,379,614	31,352,522
1997	-	3,662,415	14,173,991	14,628,028	18,259,300	23,702,003	27,183,057	25,879,055	23,394,411	26,604,469	26,345,722	26,214,375
1998	-	9,817,713	15,372,727	22,188,759	28,520,368	34,275,085	38,301,153	37,849,851	40,781,441	45,538,372	47,056,231	48,456,805
1999	-	9,552,493	10,435,970	19,368,506	23,120,480	26,791,606	26,123,438	22,616,486	23,779,422	26,423,777	26,559,490	22,660,586
2000	-	10,350,657	21,236,924	22,824,837	20,392,405	17,027,879	14,910,492	16,094,537	15,435,860	15,617,312	19,294,758	18,196,082
2001	-	261,322	9,588,431	15,245,184	10,377,758	14,824,636	17,363,160	19,553,217	18,933,545	18,928,772	20,759,902	19,213,916
2002	-	10,529,132	18,176,976	26,747,182	25,497,203	37,033,172	39,761,259	47,174,387	58,534,918	56,148,164	64,270,473	63,101,150
2003	-	330,925	511,528	6,952,565	9,321,090	10,735,005	8,794,725	9,840,963	12,035,844	12,955,024	12,622,290	11,986,710
2004	-	267,785	5,611,031	12,621,899	19,470,022	24,364,646	23,965,405	19,571,008	20,038,521	18,675,480	19,408,345	19,515,535
2005	-	44,602	8,877,702	27,417,179	29,217,854	37,560,815	46,136,291	41,265,940	40,938,696	30,155,079	26,576,926	26,083,320
2006	-	8,510,155	8,271,226	18,106,474	30,102,788	40,931,790	43,450,186	40,416,850	40,059,956	41,913,743	42,383,950	38,881,018
2007	-	255,016	12,415,943	21,648,730	27,236,473	42,477,031	38,879,555	35,757,193	36,245,592	35,491,067	33,205,054	31,948,509
2008	-	6,928,327	19,000,564	39,788,323	42,463,014	42,933,395	44,660,586	47,793,161	49,264,349	45,673,715	45,464,957	44,087,890
2009	-	9,987,743	20,306,188	39,782,313	42,263,617	40,793,638	40,731,546	43,453,963	49,545,441	51,524,312	51,983,212	53,995,003
2010	-	5,969,175	14,814,083	23,596,562	27,401,981	24,598,716	24,032,586	23,470,235	24,918,681	25,482,231	27,440,853	27,744,084
2011	2,670,000	13,178,197	18,935,299	32,088,766	36,893,306	40,143,082	41,315,533	41,993,973	42,232,662	43,307,796	45,523,729	
2012	3,640,000	7,727,328	21,085,923	33,749,434	28,079,432	22,010,567	25,449,755	29,703,313	30,403,378	31,201,123		
2013	25,000	13,608,711	23,223,536	20,576,932	28,839,461	29,713,108	28,468,811	28,639,572	29,521,578			
2014	-	21,495,475	28,199,516	37,630,565	38,225,297	34,790,970	32,204,891	34,577,959				
2015	-	4,901,701	13,953,005	32,394,518	43,937,702	52,920,045	61,595,217					
2016	2,870,000	438,485	6,965,140	8,177,283	18,088,894							
2017	-	6,886,384	17,487,883	35,037,283	37,814,294							
2018	2,820,000	16,266,479	41,618,686	50,094,474								
2019	30,000	16,131,822	37,562,311									
2020	-	9,994,147										
2021	-											

Year of Birth	150	162	174	186	198	210	222	234	246	258	270	282
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1989	15,225,614	21,473,315	17,170,605	17,816,619	20,025,836	20,598,727	24,391,625	23,871,129	22,883,948	21,210,097	21,675,299	21,179,045
1990	15,835,224	18,682,727	18,049,414	18,786,402	18,976,967	16,180,462	12,454,663	12,262,501	11,079,233	8,712,673	8,756,202	8,985,086
1991	13,070,707	12,436,995	14,629,161	15,052,971	16,677,701	19,618,579	19,607,885	18,603,135	18,362,969	19,030,477	21,514,213	19,598,978
1992	23,357,536	24,067,148	29,794,039	37,009,892	36,517,669	37,171,552	37,864,648	38,137,352	38,605,403	40,997,687	38,399,144	36,842,285
1993	50,784,753	53,141,977	47,804,665	45,647,511	40,174,617	38,539,990	39,230,354	35,677,065	37,363,560	33,831,225	33,932,852	34,026,019
1994	11,232,855	12,023,125	12,387,435	14,098,837	13,493,455	13,871,708	15,574,263	16,052,413	15,841,007	15,842,946	15,933,031	15,302,766
1995	23,559,796	24,185,772	24,997,061	25,723,143	24,430,994	22,967,143	21,887,877	23,048,875	23,129,207	22,724,709	23,084,502	23,740,842
1996	28,954,400	29,139,762	27,606,961	27,577,484	20,280,826	22,481,778	21,556,442	21,621,447	21,594,578	22,981,104	22,362,480	22,177,680
1997	26,590,419	32,987,456	36,795,088	34,869,111	34,845,415	31,630,250	30,336,048	30,027,902	29,153,002	28,930,114	29,405,552	31,930,513
1998	46,362,117	52,215,553	50,767,311	52,483,178	54,038,312	54,942,764	54,002,449	53,515,360	49,862,897	51,608,486	53,138,105	54,726,748
1999	26,154,869	23,265,420	22,995,227	23,528,015	20,635,931	21,005,644	19,909,839	20,116,464	20,526,001	19,857,471	20,150,625	
2000	14,643,134	15,610,411	14,644,775	14,850,970	14,663,506	14,856,518	15,957,795	15,831,788	14,811,505	13,391,151		
2001	21,384,360	20,760,264	21,409,515	21,470,145	22,136,618	22,306,580	22,751,741	22,070,014	23,106,101			
2002	57,072,570	56,051,838	56,258,024	53,230,479	52,122,226	51,558,856	52,576,651	54,989,418				
2003	12,351,005	12,102,444	12,059,972	13,902,404	12,642,517	12,683,913	13,033,902					
2004	19,345,228	20,303,674	21,457,877	22,066,469	22,923,129	22,317,753						
2005	26,320,694	25,797,545	26,307,214	27,267,091	28,136,657							
2006	38,749,591	39,371,944	39,543,159	41,379,629								
2007	32,439,417	32,359,611	33,337,153									
2008	43,619,035	45,731,803										
2009	55,249,902											
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis
Period to Period Development Factors

Year of Birth	6:18	18:30	30:42	42:54	54:66	66:78	78:90	90:102	102:114	114:126	126:138	138:150
1989				1.318	0.941	0.639	0.813	1.353	1.094	1.026	0.893	0.905
1990			1.419	0.825	0.875	0.999	1.003	0.803	0.968	1.015	1.041	1.193
1991		2.283	0.753	0.857	0.997	1.068	0.979	0.982	1.070	1.019	1.495	1.044
1992		1.237	1.282	1.060	1.045	0.869	1.038	1.036	0.971	1.250	1.072	1.065
1993		2.586	1.310	1.198	1.031	1.322	1.070	1.547	1.015	0.915	0.945	1.047
1994		2.598	0.741	1.161	1.494	1.476	1.019	0.903	0.620	0.964	1.059	1.087
1995		14.576	2.278	1.360	1.017	1.025	1.375	0.996	1.036	1.030	1.141	0.992
1996		3.795	1.304	1.080	2.626	1.146	0.929	1.023	1.183	0.969	1.105	0.924
1997		3.870	1.032	1.248	1.298	1.147	0.952	0.904	1.137	0.990	0.995	1.014
1998		1.566	1.443	1.285	1.202	1.117	0.988	1.077	1.117	1.033	1.030	0.957
1999		1.092	1.856	1.194	1.159	0.975	0.866	1.051	1.111	1.005	0.853	1.154
2000		2.052	1.075	0.893	0.835	0.876	1.079	0.959	1.012	1.235	0.943	0.805
2001		36.692	1.590	0.681	1.429	1.171	1.126	0.968	1.000	1.097	0.926	1.113
2002		1.726	1.471	0.953	1.452	1.074	1.186	1.241	0.959	1.145	0.982	0.904
2003		1.546	13.592	1.341	1.152	0.819	1.119	1.223	1.076	0.974	0.950	1.030
2004		20.953	2.249	1.543	1.251	0.984	0.817	1.024	0.932	1.039	1.006	0.991
2005		199.041	3.088	1.066	1.286	1.228	0.894	0.992	0.737	0.881	0.981	1.009
2006		0.972	2.189	1.663	1.360	1.062	0.930	0.991	1.046	1.011	0.917	0.997
2007		48.687	1.744	1.258	1.560	0.915	0.920	1.014	0.979	0.936	0.962	1.015
2008		2.742	2.094	1.067	1.011	1.040	1.070	1.031	0.927	0.995	0.970	0.989
2009		2.033	1.959	1.062	0.965	0.998	1.067	1.140	1.040	1.009	1.039	1.023
2010		2.482	1.593	1.161	0.898	0.977	0.977	1.062	1.023	1.077	1.011	
2011	4.936	1.437	1.695	1.150	1.088	1.029	1.016	1.006	1.025	1.051		
2012	2.123	2.729	1.601	0.832	0.784	1.156	1.167	1.024	1.026			
2013	544.348	1.707	0.886	1.402	1.030	0.958	1.006	1.031				
2014		1.312	1.334	1.016	0.910	0.926	1.074					
2015		2.847	2.322	1.356	1.204	1.164						
2016	0.153	15.885	1.174	1.560	1.418							
2017		2.539	2.004	1.079								
2018	5.768	2.559	1.204									
2019	537.727	2.328										
2020												
Simple Avg. - Incremental		13.3059	2.0097	1.1610	1.1899	1.0430	1.0184	1.0552	1.0044	1.0290	1.0143	1.0123
Wtd Avg. All - Incremental		2.1943	1.5345	1.1301	1.1342	1.0444	1.0109	1.0659	1.0003	1.0209	0.9945	0.9991
Wtd Latest Five - Incremental		2.6350	1.5092	1.2074	1.0375	1.0527	1.0456	1.0560	1.0042	1.0106	0.9809	1.0071
Wtd Latest Three - Incremental		2.4607	1.4122	1.2499	1.1147	1.0413	1.0789	1.0181	1.0250	1.0385	1.0075	1.0098
Wtd Avg. All - Cumulative		5.7819	2.6350	1.7172	1.5195	1.3398	1.2828	1.2690	1.1906	1.1902	1.1659	1.1723
Wtd Latest Five - Cumulative		7.4524	2.8282	1.8740	1.5520	1.4960	1.4212	1.3591	1.2871	1.2817	1.2683	1.2929
Selected Incremental - Prior 6/30/20	10.0000	1.7500	1.2500	1.1000	1.1000	1.0500	1.0500	1.0400	1.0250	1.0180	1.0050	1.0050
Selected - Incremental	10.0000	2.2250	1.3000	1.0400	1.0850	1.0527	1.0456	1.0560	1.0042	1.0106	0.9809	1.0071
Selected - Cumulative	47.6812	4.7681	2.1430	1.6484	1.5850	1.4609	1.3878	1.3272	1.2569	1.2516	1.2385	1.2625

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis
Period to Period Development Factors

Year of Birth -----	150:162 -----	162:174 -----	174:186 -----	186:198 -----	198:210 -----	210:222 -----	222:234 -----	234:246 -----	246:258 -----	258:270 -----	270:282 -----	282:294 -----
1989	1.410	0.800	1.038	1.124	1.029	1.184	0.979	0.959	0.927	1.022	0.977	1.022
1990	1.180	0.966	1.041	1.010	0.853	0.770	0.985	0.904	0.786	1.005	1.026	0.928
1991	0.952	1.176	1.029	1.108	1.176	0.999	0.949	0.987	1.036	1.131	0.911	1.012
1992	1.030	1.238	1.242	0.987	1.018	1.019	1.007	1.012	1.062	0.937	0.959	0.989
1993	1.046	0.900	0.955	0.880	0.959	1.018	0.909	1.047	0.905	1.003	1.003	0.993
1994	1.070	1.030	1.138	0.957	1.028	1.123	1.031	0.987	1.000	1.006	0.960	1.004
1995	1.027	1.034	1.029	0.950	0.940	0.953	1.053	1.003	0.983	1.016	1.028	1.014
1996	1.006	0.947	0.999	0.735	1.109	0.959	1.003	0.999	1.064	0.973	0.992	1.012
1997	1.241	1.115	0.948	0.999	0.908	0.959	0.990	0.971	0.992	1.016	1.086	1.020
1998	1.126	0.972	1.034	1.030	1.017	0.983	0.991	0.932	1.035	1.030	1.030	
1999	0.890	0.988	1.023	0.877	1.018	0.948	1.010	1.020	0.967	1.015		
2000	1.066	0.938	1.014	0.987	1.013	1.074	0.992	0.936	0.904			
2001	0.971	1.031	1.003	1.031	1.008	1.020	0.970	1.047				
2002	0.982	1.004	0.946	0.979	0.989	1.020	1.046					
2003	0.980	0.996	1.153	0.909	1.003	1.028						
2004	1.050	1.057	1.028	1.039	0.974							
2005	0.980	1.020	1.036	1.032								
2006	1.016	1.004	1.046									
2007	0.998	1.030										
2008	1.048											
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
Simple Avg. - Incremental	1.0534	1.0130	1.0390	0.9785	1.0025	1.0037	0.9939	0.9849	0.9719	1.0139	0.9973	0.9993
Wtd Avg. All - Incremental	1.0451	1.0039	1.0244	0.9728	0.9956	1.0018	0.9941	0.9863	0.9865	1.0092	1.0012	1.0034
Wtd Latest Five - Incremental	1.0193	1.0213	1.0143	1.0002	0.9939	1.0149	1.0080	0.9710	1.0060	1.0140	1.0275	1.0085
Wtd Latest Three - Incremental	1.0231	1.0170	1.0390	1.0074	0.9871	1.0209	1.0176	1.0073	0.9960	1.0229	1.0375	1.0159
Wtd Avg. All - Cumulative	1.1734	1.1228	1.1184	1.0918	1.1223	1.1272	1.1252	1.1318	1.1475	1.1632	1.1526	1.1513
Wtd Latest Five - Cumulative	1.2838	1.2595	1.2333	1.2159	1.2157	1.2232	1.2053	1.1957	1.2314	1.2240	1.2072	1.1749
Selected Incremental - Prior 6/30/20	1.0150	1.0150	1.0200	0.9925	1.0000	1.0100	0.9900	0.9900	1.0070	1.0130	1.0175	1.0045
Selected - Incremental	1.0193	1.0213	1.0143	1.0002	0.9939	1.0149	1.0080	0.9710	1.0060	1.0140	1.0275	1.0085
Selected - Cumulative	1.2536	1.2300	1.2043	1.1873	1.1871	1.1945	1.1770	1.1676	1.2025	1.1953	1.1788	1.1473

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis
Period to Period Development Factors

Year of Birth -----	294:306 -----	306:318 -----	318:330 -----	330:342 -----	342:354 -----	354:366 -----	366:378 -----	378:390 -----	390:Ult. -----
1989	0.943	0.967	1.009	0.983	0.992	1.036	0.990	1.012	
1990	0.970	0.999	0.889	1.203	1.002	1.002	1.057		
1991	0.999	1.015	0.972	1.007	1.012	0.957			
1992	1.002	1.009	0.983	0.989	1.019				
1993	0.983	1.060	1.016	1.020					
1994	1.008	1.022	1.021						
1995	1.009	1.018							
1996	1.026								
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
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2012									
2013									
2014									
2015									
2016									
2017									
2018									
2019									
2020									
Simple Avg. - Incremental	0.9925	1.0127	0.9816	1.0403	1.0063	0.9983	1.0234	1.0116	
Wtd Avg. All - Incremental	0.9940	1.0170	0.9924	1.0132	1.0094	0.9970	1.0102	1.0116	
Wtd Latest Five - Incremental	1.0032	1.0261	0.9895	1.0132	1.0094	0.9970	1.0102	1.0116	
Wtd Latest Three - Incremental	1.0150	1.0377	1.0028	1.0049	1.0148	0.9970	1.0102	1.0116	
Wtd Avg. All - Cumulative	1.1474	1.1543	1.1350	1.1437	1.1288	1.1183	1.1216	1.1102	1.0975
Wtd Latest Five - Cumulative	1.1650	1.1613	1.1317	1.1437	1.1288	1.1183	1.1216	1.1102	1.0975
Selected Incremental - Prior 6/30/20	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045	1.1025	
Selected - Incremental	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045	1.0975
Selected - Cumulative	1.1376	1.1325	1.1275	1.1224	1.1174	1.1124	1.1074	1.1024	1.0975

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis

Evaluated As of June 30, 2021

Year of Birth	Combined Paid Loss & ALAE	Loss Development Factors		Combined Paid Loss & ALAE Projection (2) x (4)
		Incremental	Cumulative	
(1)	(2)	(3)	(4)	(5)
1989	12,422,702	2.2446	2.2446	27,883,996
1990	4,889,704	1.0500	2.3568	11,524,202
1991	7,429,395	1.0500	2.4747	18,385,312
1992	12,236,036	1.0500	2.5984	31,794,179
1993	17,800,780	1.0500	2.7283	48,566,320
1994	6,387,871	1.0500	2.8647	18,299,601
1995	8,925,648	1.0500	3.0080	26,848,159
1996	8,413,811	1.0500	3.1584	26,573,991
1997	10,344,095	1.0500	3.3163	34,304,085
1998	18,199,778	1.0463	3.4698	63,149,445
1999	10,339,571	1.0542	3.6580	37,822,406
2000	5,497,561	1.0527	3.8510	21,171,010
2001	7,511,821	1.0469	4.0315	30,283,802
2002	15,103,063	1.0544	4.2509	64,202,209
2003	4,570,904	1.0603	4.5074	20,602,966
2004	5,163,095	1.0581	4.7695	24,625,174
2005	7,832,139	1.0587	5.0493	39,546,577
2006	9,135,407	1.0723	5.4145	49,463,455
2007	10,027,600	1.0771	5.8318	58,479,104
2008	6,186,832	1.0743	6.2650	38,760,590
2009	8,720,042	1.0871	6.8110	59,391,909
2010	3,306,704	1.0944	7.4540	24,648,076
2011	5,566,122	1.0951	8.1627	45,434,485
2012	3,692,620	1.1119	9.0763	33,515,262
2013	5,489,181	1.1158	10.1272	55,590,214
2014	6,190,029	1.1733	11.8818	73,548,971
2015	5,326,139	1.1578	13.7565	73,268,765
2016	1,053,551	1.2256	16.8592	17,762,052
2017	2,463,563	1.2424	20.9456	51,600,836
2018	3,489,002	1.6114	33.7518	117,759,986
2019	1,928,097	1.7729	59.8387	115,374,804
2020	22,293	20.0000	1,196.7741	26,679,303
2021	0	50.0000	59,838.7055	0
Totals:	235,665,155			1,386,861,244

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis

Year of Birth	6	18	30	42	54	66	78	90	102	114	126	138
1989				1,501,789	2,394,449	3,226,856	3,639,826	4,040,546	4,376,938	4,871,015	5,197,012	5,495,958
1990			394,346	967,622	992,356	1,290,512	1,490,021	1,602,317	1,699,835	1,781,167	1,850,441	1,908,750
1991		214,799	224,401	352,668	706,771	987,587	1,082,311	1,168,944	1,206,665	1,250,624	1,349,649	1,444,004
1992	-	14,653	272,268	1,140,388	1,966,117	2,315,063	2,614,190	2,859,732	3,095,949	3,294,102	3,497,403	3,722,681
1993	-	8,641	365,912	1,116,561	1,717,430	2,529,986	3,478,507	4,152,250	4,800,986	5,588,792	6,341,389	6,936,484
1994	-	201,830	1,049,093	1,384,361	1,761,282	2,505,148	2,779,863	3,077,903	3,333,248	3,476,943	3,532,807	3,796,657
1995	-	4,058	236,654	765,563	1,170,780	1,237,697	1,426,102	1,498,973	1,627,938	1,785,986	2,017,926	2,668,691
1996	-	110,362	707,105	963,361	1,435,786	1,867,233	2,482,872	2,821,010	3,075,675	3,376,896	3,680,978	3,929,639
1997	-	15,751	716,317	1,034,545	1,272,919	1,907,294	2,397,325	2,777,309	3,017,420	3,340,446	3,593,005	4,023,394
1998	-	200,705	854,656	1,782,715	2,409,465	2,876,801	3,309,635	4,607,065	5,147,532	5,797,657	6,337,240	7,082,133
1999	-	643,090	1,101,984	1,457,257	2,116,708	2,551,560	2,962,833	3,323,618	4,287,799	4,844,031	5,406,444	5,947,012
2000	-	571,446	878,644	1,445,046	1,926,405	2,123,416	2,315,854	2,457,948	2,607,188	2,753,231	2,921,212	3,153,182
2001	-	232,270	530,896	1,333,305	1,646,081	2,050,765	2,916,535	3,265,410	3,521,714	3,740,620	4,014,355	4,249,751
2002	-	228,372	821,106	1,595,766	2,292,772	2,962,994	3,815,235	4,949,592	5,708,433	6,492,013	7,214,885	8,103,073
2003	-	217,775	485,243	608,930	726,644	1,164,626	1,555,197	1,682,946	1,851,602	2,088,210	2,320,556	2,558,253
2004	-	125,611	498,991	1,065,933	1,498,905	1,918,628	2,146,791	2,554,584	2,787,448	2,967,653	3,238,878	3,548,088
2005	-	3,432	207,239	926,108	1,671,493	2,279,527	3,212,928	3,878,102	4,278,725	4,681,353	5,042,457	5,423,444
2006	-	27,594	450,522	737,112	1,623,106	2,332,050	3,883,758	4,544,749	5,076,372	5,578,773	6,137,256	6,728,396
2007	-	115,568	695,217	1,486,523	2,408,775	3,179,793	4,048,313	4,814,293	5,604,420	6,350,680	7,127,554	7,801,234
2008	-	117,704	464,213	980,937	1,574,538	1,878,877	2,230,413	2,793,500	3,328,321	3,935,750	4,555,468	5,011,583
2009	-	477,822	1,046,433	2,001,698	2,845,906	3,331,696	3,884,848	4,637,337	5,944,581	6,517,306	7,144,151	7,811,941
2010	-	353,949	1,079,314	1,488,234	1,911,250	2,120,637	2,283,849	2,519,890	2,698,727	2,866,983	3,033,440	3,306,704
2011	813	93,088	384,203	1,306,373	1,961,240	2,751,157	3,353,636	3,919,502	4,501,505	4,995,295	5,566,122	
2012	58	50,015	421,130	1,189,610	1,817,568	2,168,043	2,430,181	2,857,805	3,250,952	3,692,620		
2013	-	321,660	1,001,293	2,157,032	2,849,473	3,412,767	4,081,973	4,718,624	5,489,181			
2014	-	277,162	1,362,651	2,116,292	3,568,282	4,557,706	5,302,741	6,190,029				
2015	-	3,639	737,943	1,724,869	2,997,053	3,833,149	5,326,139					
2016	859	378,539	521,209	622,096	861,496	1,053,551						
2017	-	417,097	705,844	1,285,796	2,463,563							
2018	1,406	207,500	1,883,038	3,489,002								
2019	-	396,958	1,928,097									
2020	-	22,293										
2021	-											

[illegible]

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis
Period to Period Development Factors

Year of Birth	6:18	18:30	30:42	42:54	54:66	66:78	78:90	90:102	102:114	114:126	126:138	138:150
1989				1.594	1.348	1.128	1.110	1.083	1.113	1.067	1.058	1.209
1990			2.454	1.026	1.300	1.155	1.075	1.061	1.048	1.039	1.032	1.049
1991		1.045	1.572	2.004	1.397	1.096	1.080	1.032	1.036	1.079	1.070	1.083
1992		18.582	4.188	1.724	1.177	1.129	1.094	1.083	1.064	1.062	1.064	1.089
1993		42.346	3.051	1.538	1.473	1.375	1.194	1.156	1.164	1.135	1.094	1.096
1994		5.198	1.320	1.272	1.422	1.110	1.107	1.083	1.043	1.016	1.075	1.108
1995		58.324	3.235	1.529	1.057	1.152	1.051	1.086	1.097	1.130	1.322	1.083
1996		6.407	1.362	1.490	1.300	1.330	1.136	1.090	1.098	1.090	1.068	1.080
1997		45.478	1.444	1.230	1.498	1.257	1.159	1.086	1.107	1.076	1.120	1.103
1998		4.258	2.086	1.352	1.194	1.150	1.392	1.117	1.126	1.093	1.118	1.097
1999		1.714	1.322	1.453	1.205	1.161	1.122	1.290	1.130	1.116	1.100	1.106
2000		1.538	1.645	1.333	1.102	1.091	1.061	1.061	1.056	1.061	1.079	1.057
2001		2.286	2.511	1.235	1.246	1.422	1.120	1.078	1.062	1.073	1.059	1.076
2002		3.595	1.943	1.437	1.292	1.288	1.297	1.153	1.137	1.111	1.123	1.130
2003		2.228	1.255	1.193	1.603	1.335	1.082	1.100	1.128	1.111	1.102	1.148
2004		3.973	2.136	1.406	1.280	1.119	1.190	1.091	1.065	1.091	1.095	1.062
2005		60.386	4.469	1.805	1.364	1.409	1.207	1.103	1.094	1.077	1.076	1.068
2006		16.327	1.636	2.202	1.437	1.665	1.170	1.117	1.099	1.100	1.096	1.085
2007		6.016	2.138	1.620	1.320	1.273	1.189	1.164	1.133	1.122	1.095	1.090
2008		3.944	2.113	1.605	1.193	1.187	1.252	1.191	1.183	1.157	1.100	1.109
2009		2.190	1.913	1.422	1.171	1.166	1.194	1.282	1.096	1.096	1.093	1.116
2010		3.049	1.379	1.284	1.110	1.077	1.103	1.071	1.062	1.058	1.090	
2011	114.491	4.127	3.400	1.501	1.403	1.219	1.169	1.148	1.110	1.114		
2012	865.303	8.420	2.825	1.528	1.193	1.121	1.176	1.138	1.136			
2013		3.113	2.154	1.321	1.198	1.196	1.156	1.163				
2014		4.916	1.553	1.686	1.277	1.163	1.167					
2015		202.784	2.337	1.738	1.279	1.389						
2016	440.571	1.377	1.194	1.385	1.223							
2017		1.692	1.822	1.916								
2018	147.543	9.075	1.853									
2019		4.857										
2020												
Simple Avg. - Incremental		18.2498	2.1487	1.5114	1.2880	1.2283	1.1559	1.1212	1.0995	1.0903	1.0967	1.0974
Wtd Avg. All - Incremental		3.5867	1.9169	1.4940	1.2741	1.2309	1.1676	1.1324	1.1064	1.0947	1.0952	1.1016
Wtd Latest Five - Incremental		4.1148	1.7729	1.6114	1.2424	1.2256	1.1578	1.1733	1.1158	1.1119	1.0951	1.0944
Wtd Latest Three - Incremental		4.4217	1.7353	1.7403	1.2717	1.2463	1.1652	1.1519	1.1056	1.0949	1.0948	1.1043
Wtd Avg. All - Cumulative		193.3609	53.9108	28.1239	18.8245	14.7742	12.0030	10.2804	9.0783	8.2053	7.4957	6.8441
Wtd Latest Five - Cumulative		226.1211	54.9526	30.9958	19.2353	15.4826	12.6332	10.9116	9.3003	8.3352	7.4962	6.8453
Selected Incremental - Prior 6/30/20	300.0000	3.4000	1.8500	1.5000	1.2750	1.2000	1.1650	1.1350	1.1100	1.1000	1.0950	1.1000
Selected - Incremental	50.0000	20.0000	1.7729	1.6114	1.2424	1.2256	1.1578	1.1733	1.1158	1.1119	1.0951	1.0944
Selected - Cumulative	59,838.7055	1,196.7741	59.8387	33.7518	20.9456	16.8592	13.7565	11.8818	10.1272	9.0763	8.1627	7.4540

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis
Period to Period Development Factors

Year of Birth -----	150:162 -----	162:174 -----	174:186 -----	186:198 -----	198:210 -----	210:222 -----	222:234 -----	234:246 -----	246:258 -----	258:270 -----	270:282 -----	282:294 -----
1989	1.040	1.046	1.044	1.043	1.041	1.035	1.028	1.019	1.020	1.028	1.030	1.033
1990	1.079	1.103	1.112	1.087	1.073	1.028	1.027	1.023	1.031	1.027	1.031	1.054
1991	1.069	1.061	1.069	1.064	1.177	1.156	1.148	1.105	1.081	1.178	1.080	1.080
1992	1.079	1.058	1.061	1.061	1.069	1.069	1.085	1.066	1.066	1.091	1.073	1.070
1993	1.104	1.078	1.059	1.058	1.050	1.050	1.052	1.053	1.062	1.050	1.047	1.041
1994	1.016	1.015	1.033	1.025	1.027	1.023	1.024	1.043	1.033	1.032	1.032	1.036
1995	1.143	1.015	1.106	1.266	1.053	1.066	1.086	1.089	1.073	1.079	1.054	1.050
1996	1.057	1.078	1.067	1.063	1.044	1.059	1.041	1.047	1.050	1.050	1.046	1.046
1997	1.141	1.086	1.083	1.130	1.068	1.055	1.054	1.055	1.049	1.044	1.060	1.058
1998	1.115	1.091	1.090	1.100	1.084	1.078	1.077	1.071	1.060	1.060	1.062	
1999	1.081	1.058	1.069	1.061	1.040	1.044	1.027	1.030	1.022	1.033		
2000	1.059	1.072	1.062	1.052	1.058	1.052	1.058	1.051	1.050			
2001	1.077	1.080	1.072	1.061	1.056	1.060	1.050	1.056				
2002	1.090	1.084	1.077	1.069	1.062	1.065	1.072					
2003	1.099	1.091	1.080	1.067	1.053	1.070						
2004	1.063	1.065	1.064	1.074	1.059							
2005	1.081	1.058	1.087	1.088								
2006	1.074	1.083	1.075									
2007	1.096	1.076										
2008	1.114											
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
Simple Avg. - Incremental	1.0837	1.0682	1.0728	1.0806	1.0633	1.0607	1.0591	1.0545	1.0496	1.0611	1.0515	1.0518
Wtd Avg. All - Incremental	1.0851	1.0702	1.0718	1.0775	1.0591	1.0585	1.0574	1.0534	1.0494	1.0559	1.0526	1.0499
Wtd Latest Five - Incremental	1.0871	1.0743	1.0771	1.0723	1.0587	1.0581	1.0603	1.0544	1.0469	1.0527	1.0542	1.0463
Wtd Latest Three - Incremental	1.0932	1.0735	1.0770	1.0788	1.0597	1.0645	1.0637	1.0435	1.0456	1.0482	1.0580	1.0517
Wtd Avg. All - Cumulative	6.2129	5.7255	5.3501	4.9917	4.6326	4.3740	4.1325	3.9080	3.7099	3.5352	3.3479	3.1806
Wtd Latest Five - Cumulative	6.2548	5.7535	5.3556	4.9724	4.6370	4.3800	4.1394	3.9038	3.7023	3.5365	3.3593	3.1865
Selected Incremental - Prior 6/30/20	1.0850	1.0750	1.0750	1.0700	1.0600	1.0600	1.0550	1.0550	1.0550	1.0550	1.0550	1.0525
Selected - Incremental	1.0871	1.0743	1.0771	1.0723	1.0587	1.0581	1.0603	1.0544	1.0469	1.0527	1.0542	1.0463
Selected - Cumulative	6.8110	6.2650	5.8318	5.4145	5.0493	4.7695	4.5074	4.2509	4.0315	3.8510	3.6580	3.4698

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis
Period to Period Development Factors

Year of Birth -----	294:306 -----	306:318 -----	318:330 -----	330:342 -----	342:354 -----	354:366 -----	366:378 -----	378:390 -----	390:Ult. -----
1989	1.040	1.041	1.036	1.028	1.021	1.021	1.023	1.019	
1990	1.047	1.034	1.031	1.036	1.033	1.031	1.033		
1991	1.067	1.065	1.072	1.057	1.054	1.059			
1992	1.067	1.068	1.053	1.054	1.053				
1993	1.041	1.042	1.048	1.042					
1994	1.029	1.029	1.027						
1995	1.062	1.053							
1996	1.056								
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
2017									
2018									
2019									
2020									
Simple Avg. - Incremental	1.0510	1.0473	1.0445	1.0434	1.0405	1.0371	1.0279	1.0195	
Wtd Avg. All - Incremental	1.0501	1.0478	1.0455	1.0429	1.0402	1.0344	1.0257	1.0195	
Wtd Latest Five - Incremental	1.0506	1.0505	1.0477	1.0429	1.0402	1.0344	1.0257	1.0195	
Wtd Latest Three - Incremental	1.0508	1.0422	1.0456	1.0485	1.0496	1.0344	1.0257	1.0195	
Wtd Avg. All - Cumulative	3.0294	2.8849	2.7534	2.6337	2.5253	2.4278	2.3471	2.2883	2.2446
Wtd Latest Five - Cumulative	3.0455	2.8988	2.7594	2.6337	2.5253	2.4278	2.3471	2.2883	2.2446
Selected Incremental - Prior 6/30/20	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	2.3534	
Selected - Incremental	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	2.2446
Selected - Cumulative	3.3163	3.1584	3.0080	2.8647	2.7283	2.5984	2.4747	2.3568	2.2446

Incremental Paid Loss & ALAE - Adjusted to Birth Year Cost Level (a)

Year of Birth	6	18	30	42	54	66	78	90	102	114	126	138
1989				1,501,789	892,660	832,407	412,970	400,720	336,392	494,077	325,998	298,946
1990			394,346	573,276	24,734	298,156	199,509	112,296	97,518	81,332	69,274	58,310
1991		214,799	9,602	128,267	354,103	280,816	94,724	86,633	37,721	43,959	99,024	94,355
1992	-	14,653	257,616	868,120	825,729	348,946	299,126	245,542	236,217	198,153	203,301	225,279
1993	-	8,641	357,271	750,649	600,869	812,557	948,520	673,744	648,736	787,806	752,597	595,095
1994	-	201,830	847,263	335,268	376,921	743,866	274,715	298,040	255,345	143,695	55,864	263,850
1995	-	4,058	232,597	528,909	405,217	66,917	188,405	72,872	128,964	158,048	231,940	650,765
1996	-	110,362	596,743	256,255	472,425	431,448	615,639	338,137	254,665	301,221	304,082	248,661
1997	-	15,751	700,567	318,228	238,374	634,375	490,031	379,984	240,111	323,026	252,558	430,390
1998	-	200,705	653,950	928,059	626,750	467,336	432,834	1,297,430	540,467	650,125	539,583	744,892
1999	-	643,090	458,894	355,273	659,451	434,853	411,273	360,785	964,181	556,232	562,413	540,568
2000	-	571,446	307,198	566,402	481,359	197,011	192,438	142,094	149,240	146,043	167,981	231,970
2001	-	232,270	298,626	802,409	312,776	404,684	865,769	348,875	256,304	218,905	273,735	235,397
2002	-	228,372	592,733	774,660	697,006	670,222	852,241	1,134,357	758,840	783,580	722,872	888,189
2003	-	217,775	267,469	123,686	117,714	437,982	390,571	127,749	168,656	236,608	232,346	237,697
2004	-	125,611	373,380	566,942	432,972	419,723	228,163	407,793	232,864	180,205	271,225	309,210
2005	-	3,432	203,807	718,869	745,386	608,034	933,400	665,174	400,623	402,627	361,104	380,987
2006	-	27,594	422,927	286,590	885,994	708,944	1,551,708	660,991	531,624	502,401	558,483	591,139
2007	-	115,568	579,650	791,306	922,253	771,017	868,521	765,979	790,127	746,260	776,874	673,681
2008	-	117,704	346,509	516,724	593,601	304,339	351,535	563,088	534,821	607,429	619,717	456,116
2009	-	477,822	568,611	955,265	844,208	485,790	553,152	752,489	1,307,244	572,725	626,845	667,791
2010	-	353,949	725,364	408,921	423,015	209,387	163,212	236,041	178,837	168,257	166,457	273,264
2011	813	92,275	291,115	922,170	654,867	789,917	602,479	565,866	582,003	493,790	570,827	
2012	58	49,957	371,116	768,480	627,957	350,475	262,138	427,625	393,147	441,668		
2013	-	321,660	679,633	1,155,739	692,441	563,294	669,206	636,651	770,557			
2014	-	277,162	1,085,489	753,641	1,451,990	989,424	745,035	887,288				
2015	-	3,639	734,304	986,926	1,272,183	836,096	1,492,990					
2016	859	377,680	142,670	100,887	239,400	192,054						
2017	-	417,097	288,747	579,952	1,177,767							
2018	1,406	206,094	1,675,538	1,605,964								
2019	-	396,958	1,531,139									
2020	-	22,293										
2021	-											

Notes: (a) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit IX, Sheets 3a, 3b and 3c are adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 7a, 7b and 7c.

Incremental Paid Loss & ALAE - Adjusted to Birth Year Cost Level (a)

Year of Birth	150	162	174	186	198	210	222	234	246	258	270	282
1989	1,150,320	262,898	316,554	315,111	325,975	322,333	289,795	238,522	166,878	175,790	253,681	279,853
1990	94,228	158,517	221,600	266,473	231,682	210,943	85,227	85,697	76,146	103,843	91,385	108,537
1991	120,261	108,031	101,362	121,830	121,773	356,784	370,871	405,039	331,816	282,852	671,667	356,512
1992	329,632	320,264	252,174	282,111	301,406	360,382	386,190	504,635	423,352	453,053	664,894	587,448
1993	666,813	787,353	652,669	532,834	555,343	511,094	537,290	576,436	621,340	770,072	655,530	646,691
1994	409,706	67,292	63,402	144,436	111,839	125,888	107,721	114,932	213,111	168,022	171,917	173,867
1995	220,979	412,786	48,609	356,881	984,592	248,042	326,187	452,841	510,305	453,196	529,729	389,900
1996	315,986	241,233	351,364	323,096	323,434	239,456	337,877	247,888	299,107	327,479	346,358	338,250
1997	415,970	624,314	433,537	456,368	774,119	457,567	398,037	409,040	435,885	414,420	387,307	550,799
1998	685,701	890,033	785,351	850,919	1,027,103	950,422	954,936	1,018,900	1,011,097	908,720	972,389	1,062,075
1999	632,277	532,388	412,111	515,862	492,620	337,188	389,242	252,050	284,526	214,498	329,797	
2000	180,119	196,535	254,243	236,457	210,224	245,517	234,350	271,424	256,038	259,472		
2001	322,310	353,530	395,438	382,488	346,664	336,119	385,184	341,272	399,065			
2002	1,057,341	821,928	836,699	827,669	807,543	775,122	857,994	1,015,693				
2003	379,610	289,963	294,931	280,166	256,001	214,088	297,893					
2004	221,670	236,227	259,754	274,939	335,276	287,141						
2005	369,415	468,049	361,674	575,969	633,588							
2006	574,196	539,411	652,704	640,700								
2007	698,816	819,408	708,141									
2008	543,824	631,425										
2009	908,101											
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Notes: (a) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit IX, Sheets 3a, 3b and 3c are adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 7a, 7b and 7c.

Incremental Paid Loss & ALAE - Adjusted to Birth Year Cost Level (a)

Year of Birth	294	306	318	330	342	354	366	378	390
1989	314,322	397,146	422,078	389,805	311,724	244,658	241,563	270,447	237,291
1990	195,851	181,858	136,287	130,224	155,722	147,301	142,407	157,029	
1991	381,187	345,193	356,573	420,607	355,913	360,064	417,054		
1992	600,327	611,348	667,900	553,134	596,051	619,055			
1993	588,643	610,959	654,212	779,636	717,382				
1994	206,773	168,985	173,393	169,928					
1995	380,454	495,580	446,877						
1996	349,343	443,299							
1997	563,336								
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Notes: (a) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit IX, Sheets 3a, 3b and 3c are adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 7a, 7b and 7c.

Case Outstanding Loss & ALAE - Adjusted to Birth Year Cost Level (a)

Year of Birth	6	18	30	42	54	66	78	90	102	114	126	138
1989				17,755,904	22,994,394	20,663,898	11,619,093	8,366,235	12,409,797	13,497,717	13,646,875	11,326,590
1990			15,344,888	21,371,088	17,431,982	14,836,734	14,618,078	14,553,479	11,279,441	10,781,698	10,897,563	11,363,043
1991		4,875,524	11,394,968	8,395,578	6,792,219	6,485,846	6,899,375	6,642,208	6,465,530	6,961,943	7,022,289	11,073,385
1992	-	10,254,487	12,434,718	15,152,054	15,307,953	15,735,008	13,067,045	13,414,582	13,759,751	13,072,290	16,954,814	18,203,718
1993	-	6,025,741	15,237,803	19,322,541	22,765,096	22,711,910	29,894,233	31,571,124	50,450,225	50,514,642	44,988,849	41,582,702
1994	-	3,404,117	8,320,526	5,555,312	6,296,581	9,529,451	14,984,532	15,017,916	12,998,782	6,653,606	6,230,878	6,541,142
1995	-	298,596	4,174,800	9,283,928	12,493,289	12,662,191	12,827,819	18,095,605	17,889,541	18,430,341	18,802,858	21,088,779
1996	-	1,509,757	5,441,830	7,053,125	7,219,919	20,860,743	23,574,719	21,373,614	21,679,362	25,913,659	24,698,636	27,422,882
1997	-	3,646,664	13,457,674	13,593,483	16,986,381	21,794,709	24,785,731	23,101,746	20,376,991	23,264,023	22,752,717	22,190,981
1998	-	9,617,007	14,518,072	20,406,044	26,110,903	31,398,284	34,991,518	33,242,786	35,633,909	39,740,714	40,718,990	41,374,673
1999	-	8,909,404	9,333,987	17,911,249	21,003,772	24,240,046	23,160,605	19,292,868	19,491,623	21,579,747	21,153,045	16,713,573
2000	-	9,779,211	20,358,281	21,379,791	18,466,000	14,904,463	12,594,638	13,636,589	12,828,672	12,864,081	16,373,546	15,042,900
2001	-	29,051	9,057,536	13,911,879	8,731,678	12,773,871	14,446,625	16,287,807	15,411,831	15,188,153	16,745,547	14,964,165
2002	-	10,300,760	17,355,870	25,151,416	23,204,432	34,070,178	35,946,024	42,224,795	52,826,485	49,656,151	57,055,588	54,998,077
2003	-	113,151	26,285	6,343,635	8,594,446	9,570,379	7,239,528	8,158,017	10,184,242	10,866,815	10,301,734	9,428,457
2004	-	142,174	5,112,040	11,555,966	17,971,117	22,446,018	21,818,614	17,016,423	17,251,073	15,707,826	16,169,467	15,967,446
2005	-	41,171	8,670,463	26,491,071	27,546,361	35,281,287	42,923,363	37,387,837	36,659,971	25,473,726	21,534,469	20,659,876
2006	-	8,482,561	7,820,704	17,369,362	28,479,682	38,599,740	39,566,428	35,872,101	34,983,584	36,334,969	36,246,694	32,152,623
2007	-	139,449	11,720,726	20,162,207	24,827,697	39,297,239	34,831,241	30,942,900	30,641,172	29,140,387	26,077,500	24,147,274
2008	-	6,810,623	18,536,351	38,807,386	40,888,476	41,054,518	42,430,173	44,999,661	45,936,028	41,737,965	40,909,489	39,076,307
2009	-	9,509,921	19,259,754	37,780,615	39,417,711	37,461,942	36,846,699	38,816,626	43,600,860	45,007,006	44,839,062	46,183,061
2010	-	5,615,226	13,734,769	22,108,328	25,490,731	22,478,079	21,748,736	20,950,345	22,219,954	22,615,248	24,407,412	24,437,380
2011	2,669,187	13,085,109	18,551,096	30,782,393	34,932,066	37,391,925	37,961,897	38,074,471	37,731,157	38,312,501	39,957,608	
2012	3,639,942	7,677,313	20,664,793	32,559,824	26,261,864	19,842,525	23,019,574	26,845,508	27,152,426	27,508,503		
2013	25,000	13,287,051	22,222,243	18,419,899	25,989,988	26,300,342	24,386,838	23,920,948	24,032,397			
2014	-	21,218,313	26,836,865	35,514,273	34,657,014	30,233,264	26,902,150	28,387,930				
2015	-	4,898,062	13,215,062	30,669,648	40,940,649	49,086,895	56,269,078					
2016	2,869,141	59,946	6,443,931	7,555,187	11,892,625	17,035,343						
2017	-	6,469,287	16,782,039	33,751,487	35,350,731							
2018	2,818,594	16,058,979	39,735,648	46,605,472								
2019	30,000	15,734,864	35,634,214									
2020	-	9,971,854										
2021	-											

Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit IX, Sheets 4a, 4b and 4c is adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 8a, 8b and 8c.

Case Outstanding Loss & ALAE - Adjusted to Birth Year Cost Level (a)

Year of Birth -----	150 -----	162 -----	174 -----	186 -----	198 -----	210 -----	222 -----	234 -----	246 -----	258 -----	270 -----	282 -----
1989	8,579,335	14,564,139	9,944,874	10,275,777	12,159,019	12,409,577	15,912,680	15,153,663	13,999,604	12,149,964	12,361,484	11,585,377
1990	13,832,246	16,521,232	15,666,318	16,136,834	16,095,718	13,088,269	9,277,243	8,999,385	7,739,971	5,269,568	5,221,712	5,342,059
1991	11,506,442	10,764,699	12,855,503	13,157,482	14,660,440	17,244,534	16,862,969	15,453,180	14,881,198	15,265,854	17,077,922	14,806,175
1992	19,305,222	19,694,571	25,169,288	32,103,030	31,309,402	31,602,902	31,909,808	31,677,877	31,722,577	33,661,808	30,398,370	28,254,063
1993	43,181,457	44,751,327	38,761,346	36,071,358	30,043,121	27,897,400	28,050,474	23,920,750	24,985,905	20,683,498	20,129,595	19,576,071
1994	7,026,491	7,749,469	8,050,377	9,617,343	8,900,122	9,152,487	10,747,320	11,110,538	10,686,021	10,519,937	10,438,105	9,633,974
1995	20,670,126	20,883,316	21,645,996	22,015,197	19,738,456	18,026,563	16,621,110	17,329,266	16,899,293	16,041,599	15,871,664	16,138,105
1996	24,708,774	24,652,904	22,768,738	22,416,165	14,796,073	16,757,569	15,494,355	15,311,472	14,985,496	16,044,544	15,079,562	14,556,511
1997	22,151,055	27,923,777	31,297,872	28,915,528	28,117,712	24,444,980	22,752,741	22,035,555	20,724,770	20,087,461	20,175,592	22,149,754
1998	38,594,283	43,557,686	41,324,094	42,189,042	42,717,073	42,671,102	40,775,852	39,269,863	34,606,303	35,443,172	36,000,402	36,526,971
1999	19,575,580	16,153,743	15,471,439	15,488,365	12,103,661	12,136,186	10,651,139	10,605,714	10,730,725	9,847,697	9,811,054	
2000	11,309,832	12,080,574	10,860,696	10,830,433	10,432,745	10,380,240	11,247,167	10,849,736	9,573,416	7,893,589		
2001	16,812,298	15,834,672	16,088,485	15,766,627	16,086,436	15,920,280	15,980,257	14,957,258	15,594,280			
2002	47,912,156	46,069,496	45,438,982	41,583,768	39,667,972	38,329,480	38,489,281	39,886,355				
2003	9,413,143	8,874,619	8,537,215	10,099,483	8,583,594	8,410,902	8,462,998					
2004	15,575,470	16,297,689	17,192,139	17,525,791	18,047,175	17,154,658						
2005	20,527,835	19,536,636	19,684,632	20,068,540	20,304,518							
2006	31,446,999	31,529,941	31,048,452	32,244,222								
2007	23,939,367	23,040,152	23,309,554									
2008	38,063,627	39,544,971										
2009	46,529,860											
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Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit IX, Sheets 4a, 4b and 4c is adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 8a, 8b and 8c.

Case Outstanding Loss & ALAE - Adjusted to Birth Year Cost Level (a)

Year of Birth	294	306	318	330	342	354	366	378	390
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1989	11,734,963	10,106,872	9,001,868	8,791,817	8,135,255	7,730,308	8,191,155	7,724,033	7,717,938
1990	4,496,677	4,066,390	3,925,860	2,899,219	4,201,962	4,069,663	3,944,182	4,278,187	
1991	14,658,169	14,283,713	14,221,201	13,239,385	13,013,837	12,890,166	11,612,022		
1992	27,245,905	26,707,772	26,367,595	25,177,694	24,183,436	24,260,754			
1993	18,764,933	17,575,865	18,899,194	18,665,216	18,667,484				
1994	9,488,361	9,448,302	9,608,825	9,772,233					
1995	16,083,020	15,796,250	15,790,168						
1996	14,484,254	14,633,995							
1997	22,222,283								
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Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit IX, Sheets 4a, 4b and 4c is adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 8a, 8b and 8c.

Year of Birth	6	18	30	42	54	66	78	90	102	114	126	138
1989				1,575,683	950,993	899,739	451,505	442,693	375,340	556,331	370,541	343,093
1990			406,642	600,246	26,275	320,378	216,620	123,145	107,919	90,857	78,138	66,436
1991		217,966	9,894	134,089	374,430	300,041	102,220	94,345	41,467	48,794	111,027	106,989
1992	-	14,878	265,395	904,616	869,439	371,089	321,021	266,004	258,387	218,942	227,173	254,504
1993	-	8,767	366,649	778,407	629,315	858,818	1,011,991	725,810	705,936	866,971	837,347	670,056
1994	-	204,150	865,962	346,092	392,653	782,232	291,690	319,656	276,964	157,578	61,997	296,948
1995	-	4,100	237,377	544,723	421,274	70,244	199,773	78,143	139,817	173,405	258,069	732,742
1996	-	111,465	608,226	263,653	490,785	452,747	653,343	362,799	276,519	331,686	338,845	280,287
1997	-	15,895	713,660	327,324	247,667	666,566	520,569	408,509	261,780	356,393	281,863	485,276
1998	-	202,601	666,539	955,489	652,578	491,954	461,104	1,401,680	590,883	718,976	602,873	945,119
1999	-	649,336	468,037	366,452	687,694	458,920	440,162	390,749	1,056,314	615,660	706,913	685,298
2000	-	577,224	313,816	584,978	503,114	208,821	206,416	154,174	163,596	181,800	210,907	293,840
2001	-	234,899	305,332	830,278	328,207	429,733	929,971	378,606	315,863	272,094	343,273	297,819
2002	-	230,888	606,456	803,782	731,865	711,866	914,518	1,382,309	932,663	971,639	904,326	1,118,625
2003	-	220,389	274,500	128,457	123,666	464,867	470,758	155,300	206,855	292,775	289,439	297,763
2004	-	127,384	383,183	588,543	454,098	499,894	274,082	494,221	284,726	221,823	335,733	384,568
2005	-	3,473	208,627	743,451	875,405	720,236	1,115,481	801,996	486,282	491,451	442,859	469,485
2006	-	27,913	432,216	332,600	1,037,076	837,219	1,848,754	792,830	641,230	608,858	680,071	725,309
2007	-	116,758	665,030	915,670	1,076,693	908,131	1,029,864	913,360	946,623	898,359	942,321	821,073
2008	-	133,665	396,880	597,104	692,035	357,197	414,900	667,738	637,262	729,278	747,603	553,122
2009	-	481,931	578,604	980,691	872,516	504,891	577,629	789,559	1,382,067	608,412	669,392	716,328
2010	-	357,099	738,322	419,029	435,900	216,788	169,792	247,423	188,361	178,145	177,033	291,742
2011	813	93,095	295,681	941,877	672,034	814,516	625,962	590,744	610,773	520,532	604,051	
2012	58	50,293	375,708	781,679	641,809	360,928	271,252	444,810	410,788	463,258		
2013	-	323,461	686,681	1,173,329	708,322	578,979	691,443	660,768	802,817			
2014	-	278,477	1,095,873	766,633	1,484,111	1,016,609	768,952	919,287				
2015	-	3,657	743,436	1,003,996	1,300,966	858,862	1,539,529					
2016	859	380,550	144,445	102,677	244,744	197,0						

[illegible]

Year of Birth	6	18	30	42	54	66	78	90	102	114	126	138
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1989				18,109,833	23,556,833	21,254,821	11,995,453	8,668,007	12,896,551	14,062,168	14,260,456	11,880,858
1990			15,525,254	21,718,254	17,786,697	15,194,488	15,023,904	15,003,032	11,656,895	11,176,110	11,339,172	11,865,969
1991		4,900,000	11,503,000	8,509,399	6,909,700	6,621,539	7,065,155	6,818,793	6,657,442	7,195,851	7,284,286	11,525,497
1992	-	10,300,000	12,540,345	15,337,137	15,550,153	16,032,609	13,347,431	13,743,763	14,151,013	13,492,277	17,558,910	18,914,905
1993	-	6,050,075	15,355,779	19,541,527	23,093,164	23,096,740	30,492,474	32,325,387	51,841,003	52,083,305	46,539,924	43,140,454
1994	-	3,416,675	8,380,980	5,612,704	6,377,516	9,681,059	15,280,818	15,369,852	13,348,536	6,855,318	6,438,297	7,092,883
1995	-	299,660	4,202,426	9,368,699	12,645,399	12,865,096	13,080,177	18,514,196	18,364,135	18,973,868	20,313,925	22,980,824
1996	-	1,514,352	5,472,021	7,113,651	7,309,569	21,195,604	24,034,413	21,862,734	22,239,460	27,896,773	26,818,987	31,223,434
1997	-	3,655,770	13,531,978	13,720,517	17,206,684	22,152,277	25,276,013	23,626,688	21,869,839	25,184,570	25,827,427	26,336,359
1998	-	9,646,020	14,617,247	20,619,213	26,473,180	31,939,614	35,697,496	35,589,335	38,479,561	44,998,752	48,205,119	49,152,870
1999	-	8,943,285	9,403,125	18,105,140	21,301,630	24,654,727	24,720,892	20,770,895	22,004,150	25,470,313	25,054,111	19,859,059
2000	-	9,814,325	20,500,699	21,600,836	18,710,748	15,848,280	13,508,144	15,336,064	15,084,163	15,178,764	19,381,333	17,869,539
2001	-	29,150	9,118,440	14,045,833	9,251,388	13,651,360	16,188,923	19,082,950	18,119,879	17,913,863	19,820,953	17,787,335
2002	-	10,334,960	17,463,735	26,558,325	24,714,587	38,050,028	41,972,303	49,476,348	62,096,204	58,577,018	67,590,495	71,557,554
2003	-	113,477	27,663	6,734,124	9,566,629	11,137,855	8,454,751	9,557,810	11,974,114	12,830,695	13,359,149	12,315,047
2004	-	149,200	5,411,104	12,826,143	20,854,331	26,138,379	25,488,821	19,949,487	20,310,134	20,311,094	21,059,106	20,833,592
2005	-	41,527	9,170,323	29,293,632	30,567,230	39,275,301	47,952,330	41,944,937	45,171,224	31,614,711	26,774,130	26,202,152
2006	-	8,894,574	8,573,840	19,108,717	31,431,569	42,751,973	44,008,024	43,821,010	43,044,420	44,788,016	45,575,713	40,518,437
2007	-	145,796	12,297,137	21,221,244	26,224,672	41,683,953	40,578,535	36,309,094	36,020,044	34,943,164	31,340,366	29,084,920
2008	-	6,834,472	18,660,602	39,206,372	41,483,599	45,746,408	47,620,927	50,596,065	52,685,243	47,977,546	47,129,459	45,116,354
2009	-	9,540,259	19,389,869	38,196,747	43,769,270	41,898,182	41,284,586	44,364,459	49,944,039	51,669,038	51,589,206	53,674,646
2010	-	5,635,184	13,841,892	24,470,934	28,418,682	25,105,294	24,778,110	23,921,948	25,427,880	25,937,041	28,276,455	28,37

[illegible]

Year of Birth	6	18	30	42	54	66	78	90	102	114	126	138
1989				19,685,516	26,083,509	24,681,236	15,873,373	12,988,620	17,592,504	19,314,452	19,883,281	17,846,776
1990			15,931,896	22,725,142	18,819,860	16,548,029	16,594,065	16,696,338	13,458,120	13,068,192	13,309,392	13,902,625
1991		5,117,966	11,730,860	8,871,348	7,646,079	7,657,959	8,203,795	8,051,778	7,931,894	8,519,097	8,718,559	13,066,759
1992	0	10,314,878	12,820,618	16,522,026	17,604,481	18,458,026	16,093,869	16,756,205	17,421,842	16,982,048	21,275,854	22,886,353
1993	0	6,058,842	15,731,195	20,695,350	24,876,302	25,738,696	34,146,421	36,705,144	56,926,696	58,035,969	53,329,935	50,600,521
1994	0	3,620,825	9,451,092	7,028,908	8,186,373	12,272,148	18,163,597	18,572,287	16,827,935	10,492,295	10,137,271	11,088,805
1995	0	303,760	4,443,903	10,154,899	13,852,873	14,142,814	14,557,668	20,069,830	20,059,586	20,842,724	22,440,850	25,840,491
1996	0	1,625,817	6,191,712	8,096,995	8,783,698	23,122,480	26,614,632	24,805,752	25,458,997	31,447,996	30,709,055	35,393,789
1997	0	3,671,665	14,261,533	14,777,396	18,511,230	24,123,389	27,767,694	26,526,878	25,031,809	28,702,933	29,627,653	30,621,861
1998	0	9,848,621	15,486,387	22,443,842	28,950,387	34,908,775	39,127,761	40,421,280	43,902,389	51,140,556	54,949,796	56,842,666
1999	0	9,592,621	10,520,498	19,588,965	23,473,149	27,285,166	27,791,493	24,232,245	26,521,814	30,603,637	30,894,348	26,384,594
2000	0	10,391,549	21,391,739	23,076,854	20,689,880	18,036,233	15,902,513	17,884,607	17,796,302	18,072,703	22,486,180	21,268,225
2001	0	264,049	9,658,671	15,416,342	10,950,104	15,779,809	19,247,343	22,519,976	21,872,768	21,938,846	24,189,208	22,453,410
2002	0	10,565,848	18,301,079	28,199,451	27,087,578	41,134,885	45,971,678	54,858,032	68,410,551	65,863,004	75,780,807	80,866,490
2003	0	333,866	522,552	7,357,470	10,313,641	12,349,734	10,137,388	11,395,748	14,018,907	15,168,263	15,986,156	15,239,817
2004	0	276,584	5,921,671	13,925,253	22,407,539	28,191,481	27,816,004	22,770,892	23,416,265	23,639,048	24,722,792	24,881,847
2005	0	45,000	9,382,423	30,249,183	32,398,186	41,826,493	51,619,003	46,413,606	50,126,175	37,061,113	32,663,391	32,560,898
2006	0	8,922,487	9,033,969	19,901,446	33,261,374	45,418,997	48,523,801	49,129,618	48,994,258	51,346,711	52,814,480	48,482,512
2007	0	262,554	13,078,925	22,918,702	28,998,823	45,366,235	45,290,680	41,934,600	42,592,173	42,413,652	39,753,175	38,318,801
2008	0	6,968,137	19,191,146	40,334,021	43,303,283	47,923,289	50,212,709	53,855,584	56,582,024	52,603,605	52,503,121	51,043,137
2009	0	10,022,190	20,450,404	40,237,974	46,683,013	45,316,817	45,280,849	49,150,280	56,111,927	58,445,338	59,034,898	61,836,666
2010	0	5,992,283	14,937,313	25,985,384	30,369,032	27,272,431	27,115,040	26,506,301	28,200,594	28,887,899	31,404,346	31,792,356
2011	2,670,000	13,234,368</										

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Incurred Loss & ALAE - Actual - Without Retroactive Payments
Period to Period Development Factors

Year of Birth	6:18	18:30	30:42	42:54	54:66	66:78	78:90	90:102	102:114	114:126	126:138	138:150
1989				1.325	0.946	0.643	0.818	1.354	1.098	1.029	0.898	0.915
1990			1.426	0.828	0.879	1.003	1.006	0.806	0.971	1.018	1.045	1.197
1991		2.292	0.756	0.862	1.002	1.071	0.981	0.985	1.074	1.023	1.499	1.048
1992		1.243	1.289	1.066	1.048	0.872	1.041	1.040	0.975	1.253	1.076	1.069
1993		2.596	1.316	1.202	1.035	1.327	1.075	1.551	1.019	0.919	0.949	1.092
1994		2.610	0.744	1.165	1.499	1.480	1.023	0.906	0.624	0.966	1.094	1.095
1995		14.630	2.285	1.364	1.021	1.029	1.379	0.999	1.039	1.077	1.151	1.034
1996		3.808	1.308	1.085	2.632	1.151	0.932	1.026	1.235	0.977	1.153	0.959
1997		3.884	1.036	1.253	1.303	1.151	0.955	0.944	1.147	1.032	1.034	1.019
1998		1.572	1.449	1.290	1.206	1.121	1.033	1.086	1.165	1.074	1.034	0.960
1999		1.097	1.862	1.198	1.162	1.019	0.872	1.094	1.154	1.009	0.854	1.163
2000		2.059	1.079	0.897	0.872	0.882	1.125	0.995	1.016	1.244	0.946	0.805
2001		36.579	1.596	0.710	1.441	1.220	1.170	0.971	1.003	1.103	0.928	1.204
2002		1.732	1.541	0.961	1.519	1.118	1.193	1.247	0.963	1.151	1.067	0.908
2003		1.565	14.080	1.402	1.197	0.821	1.124	1.230	1.082	1.054	0.953	1.031
2004		21.410	2.352	1.609	1.258	0.987	0.819	1.028	1.010	1.046	1.006	1.007
2005		208.498	3.224	1.071	1.291	1.234	0.899	1.080	0.739	0.881	0.997	1.011
2006		1.012	2.203	1.671	1.366	1.068	1.012	0.997	1.048	1.029	0.918	0.998
2007		49.814	1.752	1.265	1.564	0.998	0.926	1.016	0.996	0.937	0.964	1.017
2008		2.754	2.102	1.074	1.107	1.048	1.073	1.051	0.930	0.998	0.972	0.999
2009		2.041	1.968	1.160	0.971	0.999	1.085	1.142	1.042	1.010	1.047	1.024
2010		2.493	1.740	1.169	0.898	0.994	0.978	1.064	1.024	1.087	1.012	
2011	4.957	1.575	1.704	1.151	1.107	1.030	1.017	1.007	1.034	1.053		
2012	2.330	2.745	1.601	0.846	0.783	1.159	1.170	1.032	1.027			
2013	548.261	1.710	0.902	1.405	1.032	0.960	1.015	1.033				
2014		1.337	1.337	1.018	0.912	0.933	1.076					
2015		2.852	2.327	1.359	1.216	1.166						
2016	0.154	15.852	1.177	1.575	1.421							
2017		2.545	2.023	1.082								
2018	5.781	2.584	1.206									
2019	543.109	2.333										
2020												
Simple Avg. - Incremental		13.697	2.048	1.174	1.203	1.055	1.031	1.067	1.017	1.042	1.027	1.026
Wtd Avg. All - Incremental		2.221	1.558	1.144	1.149	1.057	1.024	1.079	1.010	1.033	1.009	1.010
Wtd Latest Five - Incremental		2.647	1.515	1.211	1.037	1.057	1.049	1.059	1.007	1.013	0.983	1.010
Wtd Latest Three - Incremental		2.474	1.418	1.254	1.121	1.045	1.085	1.021	1.029	1.042	1.012	1.014
Wtd Avg. All - Cumulative		7.817	3.519	2.259	1.974	1.719	1.625	1.586	1.470	1.456	1.410	1.397
Wtd Latest Five - Cumulative		8.167	3.085	2.036	1.682	1.622	1.535	1.464	1.382	1.372	1.355	1.379

Incurred Loss & ALAE - Actual - Without Retroactive Payments
Period to Period Development Factors

Year of Birth -----	150:162 -----	162:174 -----	174:186 -----	186:198 -----	198:210 -----	210:222 -----	222:234 -----	234:246 -----	246:258 -----	258:270 -----	270:282 -----	282:294 -----
1989	1.408	0.806	1.041	1.157	1.036	1.224	1.008	0.961	0.927	1.027	0.981	1.082
1990	1.184	0.970	1.087	1.019	0.887	0.794	0.988	0.904	0.784	1.010	1.091	0.929
1991	0.955	1.227	1.038	1.156	1.226	1.005	0.954	0.993	1.042	1.225	0.916	1.015
1992	1.073	1.248	1.296	1.026	1.022	1.023	1.012	1.018	1.151	0.941	0.961	1.005
1993	1.055	0.936	0.989	0.882	0.962	1.023	0.912	1.121	0.906	1.005	1.016	0.995
1994	1.105	1.062	1.148	0.958	1.033	1.132	1.105	0.992	1.002	1.020	0.959	1.006
1995	1.068	1.037	1.034	0.956	0.944	1.026	1.061	1.005	0.997	1.018	1.031	1.016
1996	1.010	0.950	1.003	0.735	1.195	0.963	1.005	1.013	1.069	0.973	0.993	1.020
1997	1.250	1.121	0.952	1.082	0.911	0.959	1.005	0.971	0.994	1.019	1.097	1.022
1998	1.133	0.977	1.118	1.036	1.019	0.998	0.992	0.931	1.038	1.038	1.032	
1999	0.892	1.056	1.029	0.872	1.031	0.945	1.012	1.023	0.970	1.017		
2000	1.151	0.941	1.016	1.001	1.015	1.079	0.993	0.939	0.900			
2001	0.975	1.033	1.018	1.034	1.009	1.022	0.975	1.050				
2002	0.983	1.020	0.946	0.980	0.990	1.028	1.048					
2003	0.993	0.997	1.159	0.907	1.010	1.029						
2004	1.052	1.060	1.030	1.048	0.974							
2005	0.981	1.022	1.045	1.034								
2006	1.018	1.012	1.049									
2007	1.005	1.032										
2008	1.051											
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
Simple Avg. - Incremental	1.067	1.027	1.055	0.993	1.016	1.017	1.005	0.994	0.982	1.027	1.008	1.010
Wtd Avg. All - Incremental	1.053	1.018	1.042	0.987	1.005	1.013	1.003	0.996	1.000	1.019	1.008	1.014
Wtd Latest Five - Incremental	1.022	1.025	1.016	1.002	0.995	1.019	1.010	0.972	1.008	1.018	1.031	1.012
Wtd Latest Three - Incremental	1.026	1.021	1.043	1.011	0.989	1.026	1.021	1.010	0.998	1.028	1.042	1.020
Wtd Avg. All - Cumulative	1.383	1.314	1.291	1.239	1.255	1.248	1.232	1.228	1.233	1.233	1.210	1.201
Wtd Latest Five - Cumulative	1.365	1.335	1.303	1.282	1.279	1.285	1.261	1.248	1.285	1.274	1.251	1.213

Incurred Loss & ALAE - Actual - Without Retroactive Payments
Period to Period Development Factors

Year of Birth	294:306	306:318	318:330	330:342	342:354	354:366	366:378	378:390	390:Ult.
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1989	0.944	0.966	1.021	0.983	0.993	1.042	0.995	1.015	
1990	0.971	1.011	0.882	1.225	1.004	1.008	1.063		
1991	1.014	1.018	0.974	1.009	1.020	0.958			
1992	1.004	1.012	0.984	0.996	1.022				
1993	0.984	1.065	1.023	1.023					
1994	1.011	1.030	1.024						
1995	1.016	1.020							
1996	1.029								
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
2017									
2018									
2019									
2020									
Simple Avg. - Incremental	0.997	1.018	0.985	1.047	1.010	1.003	1.029	1.015	
Wtd Avg. All - Incremental	0.998	1.021	0.996	1.018	1.013	1.000	1.016	1.015	
Wtd Latest Five - Incremental	1.006	1.030	0.992	1.018	1.013	1.000	1.016	1.015	
Wtd Latest Three - Incremental	1.020	1.043	1.007	1.010	1.019	1.000	1.016	1.015	
Wtd Avg. All - Cumulative	1.185	1.186	1.162	1.166	1.146	1.131	1.131	1.114	1.098
Wtd Latest Five - Cumulative	1.199	1.192	1.157	1.166	1.146	1.131	1.131	1.114	1.098

Year of Birth	6	18	30	42	54	66	78	90	102	114	126	138
1989				1,575,683	2,526,676	3,426,415	3,877,920	4,320,613	4,695,953	5,252,284	5,622,825	5,965,918
1990			406,642	1,006,888	1,033,163	1,353,541	1,570,161	1,693,306	1,801,225	1,892,082	1,970,220	2,036,656
1991		217,966	227,860	361,949	736,379	1,036,420	1,138,640	1,232,985	1,274,452	1,323,246	1,434,273	1,541,262
1992	0	14,878	280,273	1,184,889	2,054,328	2,425,417	2,746,438	3,012,442	3,270,829	3,489,771	3,716,944	3,971,448
1993	0	8,767	375,416	1,153,823	1,783,138	2,641,956	3,653,947	4,379,757	5,085,693	5,952,664	6,790,011	7,460,067
1994	0	204,150	1,070,112	1,416,204	1,808,857	2,591,089	2,882,779	3,202,435	3,479,399	3,636,977	3,698,974	3,995,922
1995	0	4,100	241,477	786,200	1,207,474	1,277,718	1,477,491	1,555,634	1,695,451	1,868,856	2,126,925	2,859,667
1996	0	111,465	719,691	983,344	1,474,129	1,926,876	2,580,219	2,943,018	3,219,537	3,551,223	3,890,068	4,170,355
1997	0	15,895	729,555	1,056,879	1,304,546	1,971,112	2,491,681	2,900,190	3,161,970	3,518,363	3,800,226	4,285,502
1998	0	202,601	869,140	1,824,629	2,477,207	2,969,161	3,430,265	4,831,945	5,422,828	6,141,804	6,744,677	7,689,796
1999	0	649,336	1,117,373	1,483,825	2,171,519	2,630,439	3,070,601	3,461,350	4,517,664	5,133,324	5,840,237	6,525,535
2000	0	577,224	891,040	1,476,018	1,979,132	2,187,953	2,394,369	2,548,543	2,712,139	2,893,939	3,104,846	3,398,686
2001	0	234,899	540,231	1,370,509	1,698,716	2,128,449	3,058,420	3,437,026	3,752,889	4,024,983	4,368,255	4,666,074
2002	0	230,888	837,344	1,641,126	2,372,991	3,084,857	3,999,375	5,381,684	6,314,347	7,285,986	8,190,312	9,308,936
2003	0	220,389	494,889	623,346	747,012	1,211,879	1,682,637	1,837,937	2,044,792	2,337,568	2,627,007	2,924,769
2004	0	127,384	510,567	1,099,110	1,553,208	2,053,102	2,327,184	2,821,405	3,106,130	3,327,953	3,663,687	4,048,254
2005	0	3,473	212,100	955,551	1,830,956	2,551,192	3,666,673	4,468,669	4,954,951	5,446,402	5,889,261	6,358,746
2006	0	27,913	460,129	792,729	1,829,805	2,667,024	4,515,777	5,308,608	5,949,838	6,558,696	7,238,767	7,964,076
2007	0	116,758	781,788	1,697,458	2,774,151	3,682,281	4,712,146	5,625,506	6,572,129	7,470,488	8,412,808	9,233,881
2008	0	133,665	530,545	1,127,649	1,819,684	2,176,881	2,591,781	3,259,519	3,896,781	4,626,059	5,373,662	5,926,784
2009	0	481,931	1,060,536	2,041,227	2,913,743	3,418,634	3,996,263	4,785,821	6,167,888	6,776,300	7,445,692	8,162,020
2010	0	357,099	1,095,421	1,514,450	1,950,349	2,167,137	2,336,930	2,584,353	2,772,713	2,950,858	3,127,891	3,419,633
2011	813	93,908	389,589	1,331,465	2,003,499	2,818,015	3,443,977	4,034,720	4,645,493	5,166,025	5,770,076	
2012	58	50,351	426,059	1,207,738	1,849,547	2,210,475	2,481,727	2,926,538	3,337,326	3,800,584		
2013	0</											

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Paid Loss & ALAE - Actual - Without Retroactive Payments
Period to Period Development Factors

Year of Birth	6:18	18:30	30:42	42:54	54:66	66:78	78:90	90:102	102:114	114:126	126:138	138:150
1989				1.604	1.356	1.132	1.114	1.087	1.118	1.071	1.061	1.224
1990			2.476	1.026	1.310	1.160	1.078	1.064	1.050	1.041	1.034	1.053
1991		1.045	1.588	2.034	1.407	1.099	1.083	1.034	1.038	1.084	1.075	1.089
1992		18.838	4.228	1.734	1.181	1.132	1.097	1.086	1.067	1.065	1.068	1.095
1993		42.821	3.073	1.545	1.482	1.383	1.199	1.161	1.170	1.141	1.099	1.102
1994		5.242	1.323	1.277	1.432	1.113	1.111	1.086	1.045	1.017	1.080	1.117
1995		58.897	3.256	1.536	1.058	1.156	1.053	1.090	1.102	1.138	1.345	1.088
1996		6.457	1.366	1.499	1.307	1.339	1.141	1.094	1.103	1.095	1.072	1.086
1997		45.898	1.449	1.234	1.511	1.264	1.164	1.090	1.113	1.080	1.128	1.124
1998		4.290	2.099	1.358	1.199	1.155	1.409	1.122	1.133	1.098	1.140	1.114
1999		1.721	1.328	1.463	1.211	1.167	1.127	1.305	1.136	1.138	1.117	1.124
2000		1.544	1.657	1.341	1.106	1.094	1.064	1.064	1.067	1.073	1.095	1.068
2001		2.300	2.537	1.239	1.253	1.437	1.124	1.092	1.073	1.085	1.068	1.088
2002		3.627	1.960	1.446	1.300	1.296	1.346	1.173	1.154	1.124	1.137	1.144
2003		2.246	1.260	1.198	1.622	1.388	1.092	1.113	1.143	1.124	1.113	1.163
2004		4.008	2.153	1.413	1.322	1.133	1.212	1.101	1.071	1.101	1.105	1.068
2005		61.071	4.505	1.916	1.393	1.437	1.219	1.109	1.099	1.081	1.080	1.072
2006		16.484	1.723	2.308	1.458	1.693	1.176	1.121	1.102	1.104	1.100	1.089
2007		6.696	2.171	1.634	1.327	1.280	1.194	1.168	1.137	1.126	1.098	1.093
2008		3.969	2.125	1.614	1.196	1.191	1.258	1.196	1.187	1.162	1.103	1.112
2009		2.201	1.925	1.427	1.173	1.169	1.198	1.289	1.099	1.099	1.096	1.120
2010		3.068	1.383	1.288	1.111	1.078	1.106	1.073	1.064	1.060	1.093	
2011	115.499	4.149	3.418	1.505	1.407	1.222	1.172	1.151	1.112	1.117		
2012	871.125	8.462	2.835	1.531	1.195	1.123	1.179	1.140	1.139			
2013		3.123	2.162	1.324	1.200	1.199	1.159	1.166				
2014		4.935	1.558	1.693	1.280	1.166	1.170					
2015		204.318	2.344	1.743	1.281	1.394						
2016	443.912	1.379	1.195	1.389	1.226							
2017		1.696	1.828	1.923								
2018	148.311	9.112	1.857									
2019		4.872										
2020												
Simple Avg. - Incremental		18.430	2.165	1.526	1.297	1.237	1.163	1.127	1.105	1.097	1.105	1.106
Wtd Avg. All - Incremental		3.619	1.932	1.507	1.283	1.241	1.176	1.138	1.113	1.102	1.103	1.110
Wtd Latest Five - Incremental		4.128	1.778	1.617	1.245	1.229	1.161	1.177	1.120	1.116	1.098	1.097
Wtd Latest Three - Incremental		4.437	1.739	1.746	1.274	1.250	1.168	1.155	1.108	1.097	1.098	1.107
Wtd Avg. All - Cumulative		245.603	67.858	35.130	23.310	18.174	14.648	12.458	10.943	9.835	8.928	8.093
Wtd Latest Five - Cumulative		266.016	64.439	36.249	22.418	18.005	14.656	12.628	10.727	9.577	8.579	7.811

Paid Loss & ALAE - Actual - Without Retroactive Payments
Period to Period Development Factors

Year of Birth -----	150:162 -----	162:174 -----	174:186 -----	186:198 -----	198:210 -----	210:222 -----	222:234 -----	234:246 -----	246:258 -----	258:270 -----	270:282 -----	282:294 -----
1989	1.042	1.049	1.047	1.047	1.045	1.039	1.032	1.024	1.025	1.036	1.038	1.042
1990	1.086	1.112	1.123	1.096	1.081	1.031	1.034	1.029	1.039	1.034	1.039	1.068
1991	1.075	1.066	1.075	1.071	1.196	1.193	1.179	1.125	1.096	1.209	1.092	1.091
1992	1.085	1.063	1.067	1.068	1.086	1.086	1.104	1.080	1.079	1.109	1.087	1.082
1993	1.111	1.084	1.064	1.071	1.061	1.061	1.063	1.064	1.075	1.060	1.056	1.048
1994	1.017	1.016	1.041	1.031	1.034	1.029	1.030	1.054	1.041	1.040	1.039	1.045
1995	1.153	1.018	1.129	1.318	1.061	1.076	1.099	1.102	1.083	1.090	1.061	1.056
1996	1.069	1.095	1.080	1.075	1.052	1.070	1.048	1.056	1.058	1.059	1.054	1.053
1997	1.167	1.100	1.097	1.151	1.078	1.063	1.061	1.062	1.056	1.050	1.068	1.065
1998	1.134	1.105	1.104	1.114	1.095	1.088	1.087	1.080	1.067	1.067	1.069	
1999	1.094	1.067	1.079	1.070	1.045	1.050	1.031	1.034	1.025	1.038		
2000	1.070	1.085	1.073	1.061	1.067	1.061	1.067	1.059	1.057			
2001	1.089	1.092	1.082	1.069	1.063	1.068	1.057	1.063				
2002	1.098	1.091	1.084	1.076	1.068	1.071	1.078					
2003	1.108	1.100	1.087	1.073	1.057	1.076						
2004	1.069	1.071	1.071	1.081	1.064							
2005	1.086	1.061	1.092	1.093								
2006	1.077	1.087	1.079									
2007	1.100	1.079										
2008	1.117											
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
Simple Avg. - Incremental	1.092	1.076	1.082	1.092	1.072	1.071	1.069	1.064	1.058	1.072	1.060	1.061
Wtd Avg. All - Incremental	1.094	1.078	1.081	1.088	1.068	1.067	1.067	1.063	1.058	1.066	1.062	1.059
Wtd Latest Five - Incremental	1.091	1.079	1.083	1.079	1.065	1.065	1.068	1.062	1.053	1.060	1.062	1.054
Wtd Latest Three - Incremental	1.097	1.077	1.082	1.085	1.065	1.071	1.071	1.049	1.052	1.054	1.066	1.059
Wtd Avg. All - Cumulative	7.289	6.664	6.183	5.722	5.257	4.924	4.613	4.325	4.070	3.847	3.609	3.400
Wtd Latest Five - Cumulative	7.118	6.523	6.048	5.586	5.177	4.862	4.566	4.277	4.028	3.824	3.607	3.397

Paid Loss & ALAE - Actual - Without Retroactive Payments
Period to Period Development Factors

Year of Birth -----	294:306 -----	306:318 -----	318:330 -----	330:342 -----	342:354 -----	354:366 -----	366:378 -----	378:390 -----	390:Ult. -----
1989	1.051	1.052	1.046	1.035	1.027	1.026	1.028	1.024	
1990	1.059	1.042	1.039	1.045	1.041	1.038	1.041		
1991	1.076	1.073	1.081	1.064	1.061	1.067			
1992	1.078	1.079	1.061	1.062	1.061				
1993	1.048	1.049	1.056	1.049					
1994	1.035	1.035	1.034						
1995	1.070	1.059							
1996	1.065								
1997									
1998									
1999									
2000									
2001									
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2016									
2017									
2018									
2019									
2020									
Simple Avg. - Incremental	1.060	1.056	1.053	1.051	1.047	1.044	1.035	1.024	
Wtd Avg. All - Incremental	1.060	1.057	1.054	1.051	1.047	1.041	1.032	1.024	
Wtd Latest Five - Incremental	1.059	1.059	1.056	1.051	1.047	1.041	1.032	1.024	
Wtd Latest Three - Incremental	1.059	1.050	1.054	1.056	1.057	1.041	1.032	1.024	
Wtd Avg. All - Cumulative	3.210	3.030	2.867	2.720	2.588	2.471	2.373	2.299	2.245
Wtd Latest Five - Cumulative	3.223	3.043	2.873	2.720	2.588	2.471	2.373	2.299	2.245

Incremental Paid Loss & ALAE - Inflation Factors - Based on Accident Year Factors

Year of Birth C.Y Ending	1989 6/30/1989	1990 6/30/1990	1991 6/30/1991	1992 6/30/1992	1993 6/30/1993	1994 6/30/1994	1995 6/30/1995	1996 6/30/1996	1997 6/30/1997	1998 6/30/1998	1999 6/30/1999	2000 6/30/2000
Assumptions:												
I. Incremental Paid Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	1.75%	1.75%	1.49%	1.46%	1.62%	1.30%	1.00%	1.09%	0.91%	0.92%	0.97%	0.98%
B. Accident Year - 7/1 to 6/30 (b)	1.75%	1.75%	1.62%	1.47%	1.54%	1.46%	1.15%	1.05%	1.00%	0.92%	0.94%	0.97%
II. Case O/S Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	0.81%	0.81%	0.53%	0.47%	0.42%	0.39%	0.35%	0.37%	0.24%	0.26%	0.35%	0.42%
B. Accident Year - 7/1 to 6/30	0.81%	0.81%	0.67%	0.50%	0.44%	0.40%	0.37%	0.36%	0.30%	0.25%	0.30%	0.38%
III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)												
A. Accident Year - 1/1 to 12/31	0.90%	0.90%	0.63%	0.57%	0.54%	0.48%	0.41%	0.44%	0.31%	0.32%	0.41%	0.47%
B. Accident Year - 7/1 to 6/30	0.90%	0.90%	0.76%	0.60%	0.55%	0.51%	0.45%	0.43%	0.37%	0.32%	0.37%	0.44%

Year of Birth	6	18	30	42	54	66	78	90	102	114	126	138
1989	1.000	1.017	1.034	1.049	1.065	1.081	1.093	1.105	1.116	1.126	1.137	1.148
1990	1.000	1.016	1.031	1.047	1.062	1.075	1.086	1.097	1.107	1.117	1.128	1.139
1991	1.000	1.015	1.030	1.045	1.057	1.068	1.079	1.089	1.099	1.110	1.121	1.134
1992	1.000	1.015	1.030	1.042	1.053	1.063	1.073	1.083	1.094	1.105	1.117	1.130
1993	1.000	1.015	1.026	1.037	1.047	1.057	1.067	1.077	1.088	1.100	1.113	1.126
1994	1.000	1.011	1.022	1.032	1.042	1.052	1.062	1.073	1.085	1.097	1.110	1.125
1995	1.000	1.010	1.021	1.030	1.040	1.050	1.060	1.072	1.084	1.097	1.113	1.126
1996	1.000	1.010	1.019	1.029	1.039	1.049	1.061	1.073	1.086	1.101	1.114	1.127
1997	1.000	1.009	1.019	1.029	1.039	1.051	1.062	1.075	1.090	1.103	1.116	1.128
1998	1.000	1.009	1.019	1.030	1.041	1.053	1.065	1.080	1.093	1.106	1.117	1.269
1999	1.000	1.010	1.020	1.031	1.043	1.055	1.070	1.083	1.096	1.107	1.257	1.268
2000	1.000	1.010	1.022	1.033	1.045	1.060	1.073	1.085	1.096	1.245	1.256	1.267
2001	1.000	1.011	1.022	1.035	1.049	1.062	1.074	1.085	1.232	1.243	1.254	1.265
2002	1.000	1.011	1.023	1.038	1.050	1.062	1.073	1.219	1.229	1.240	1.251	1.259
2003	1.000	1.012	1.026	1.039	1.051	1.061	1.205	1.216	1.226	1.237	1.246	1.253
2004	1.000	1.014	1.026	1.038	1.049	1.191	1.201	1.212	1.223	1.231	1.238	1.244
2005	1.000	1.012	1.024	1.034	1.174	1.185	1.195	1.206	1.214	1.221	1.226	1.232
2006	1.000	1.012	1.022	1.161	1.171	1.181	1.191	1.199	1.206	1.212	1.218	1.227
2007	1.000	1.010	1.147	1.157	1.167	1.178	1.186	1.192	1.198	1.204	1.213	1.219
2008	1.000	1.136	1.145	1.156	1.166	1.174	1.180	1.186	1.192	1.201	1.206	1.213
2009	1.000	1.009	1.018	1.027	1.034	1.039	1.044	1.049	1.057	1.062	1.068	1.073
2010	1.000	1.009	1.018	1.025	1.030	1.035	1.040	1.048	1.053	1.059	1.064	1.068
2011	1.000	1.009	1.016	1.021	1.026	1.031	1.039	1.044	1.049	1.054	1.058	
2012	1.000	1.007	1.012	1.017	1.022	1.030	1.035	1.040	1.045	1.049		
2013	1.000	1.006	1.010	1.015	1.023	1.028	1.033	1.038	1.042			
2014	1.000	1.005	1.010	1.017	1.022	1.027	1.032	1.036				
2015	1.000	1.005	1.012	1.017	1.023	1.027	1.031					
2016	1.000	1.008	1.012	1.018	1.022	1.026						
2017	1.000	1.005	1.010	1.015	1.019							
2018	1.000	1.005	1.010	1.014								
2019	1.000	1.005	1.008									
2020	1.000	1.004										
2021	1.000											

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 3/31/08, 3/31/09, 3/31/10, 3/31/16, and 3/31/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Incremental Paid Loss & ALAE - Inflation Factors - Based on Accident Year Factors

Year of Birth C.Y Ending	2001 6/30/2001	2002 6/30/2002	2003 6/30/2003	2004 6/30/2004	2005 6/30/2005	2006 6/30/2006	2007 6/30/2007	2008 6/30/2008	2009 6/30/2009	2010 6/30/2010	2011 6/30/2011	2012 6/30/2012
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Assumptions:

I. Incremental Paid Inflation Per Year

A. Accident Year - 1/1 to 12/31 (a)	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%	7.62%	0.78%	1.00%	0.78%
B. Accident Year - 7/1 to 6/30 (b)	1.01%	1.13%	1.10%	1.20%	1.41%	1.20%	1.15%	1.03%	13.56%	0.86%	0.89%	0.89%

II. Case O/S Inflation Per Year

A. Accident Year - 1/1 to 12/31 (a)	0.30%	0.38%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%	0.35%	0.29%	0.42%	9.83%
B. Accident Year - 7/1 to 6/30	0.36%	0.34%	0.33%	0.29%	4.94%	0.87%	4.86%	4.55%	0.35%	0.32%	0.36%	0.42%

III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)

A. Accident Year - 1/1 to 12/31	0.38%	0.46%	0.36%	4.59%	0.92%	4.47%	0.58%	4.75%	1.08%	0.34%	0.48%	8.92%
B. Accident Year - 7/1 to 6/30	0.42%	0.42%	0.41%	0.38%	4.59%	0.90%	4.49%	4.20%	1.67%	0.37%	0.41%	0.47%

Year of Birth -----	150 -----	162 -----	174 -----	186 -----	198 -----	210 -----	222 -----	234 -----	246 -----	258 -----	270 -----	282 -----
1989	1.159	1.172	1.185	1.200	1.216	1.231	1.245	1.258	1.429	1.441	1.454	1.467
1990	1.152	1.165	1.179	1.196	1.210	1.224	1.236	1.404	1.416	1.429	1.442	1.451
1991	1.146	1.160	1.177	1.191	1.204	1.217	1.382	1.394	1.406	1.419	1.428	1.436
1992	1.143	1.159	1.173	1.187	1.199	1.362	1.373	1.386	1.398	1.407	1.415	1.422
1993	1.142	1.156	1.169	1.181	1.341	1.353	1.365	1.377	1.386	1.394	1.400	1.407
1994	1.139	1.152	1.164	1.322	1.333	1.345	1.357	1.366	1.374	1.380	1.387	1.397
1995	1.139	1.151	1.307	1.318	1.330	1.342	1.351	1.358	1.365	1.371	1.382	1.388
1996	1.139	1.293	1.304	1.316	1.328	1.337	1.344	1.350	1.357	1.367	1.374	1.381
1997	1.280	1.291	1.303	1.315	1.323	1.331	1.337	1.343	1.354	1.360	1.367	1.373
1998	1.280	1.291	1.303	1.311	1.319	1.325	1.331	1.341	1.348	1.355	1.361	1.366
1999	1.279	1.290	1.299	1.306	1.313	1.319	1.329	1.335	1.342	1.348	1.353	
2000	1.278	1.287	1.294	1.300	1.306	1.316	1.322	1.329	1.335	1.340		
2001	1.274	1.281	1.287	1.293	1.303	1.309	1.316	1.322	1.327			
2002	1.266	1.273	1.279	1.288	1.295	1.301	1.307	1.312				
2003	1.259	1.265	1.274	1.280	1.287	1.293	1.298					
2004	1.250	1.259	1.265	1.272	1.278	1.282						
2005	1.242	1.248	1.254	1.260	1.265							
2006	1.233	1.239	1.245	1.250								
2007	1.225	1.231	1.235									
2008	1.218	1.223										
2009	1.077											
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
2021												

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 3/31/08, 3/31/09, 3/31/10, 3/31/16, and 3/31/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Incremental Paid Loss & ALAE - Inflation Factors - Based on Accident Year Factors

Year of Birth	2013	2014	2015	2016	2017	2018	2019	2020	2021
C.Y Ending	6/30/2013	6/30/2014	6/30/2015	6/30/2016	6/30/2017	6/30/2018	6/30/2019	6/30/2020	6/30/2021

Assumptions:

I. Incremental Paid Inflation Per Year

A. Accident Year - 1/1 to 12/31 (a)	0.57%	0.55%	0.40%	0.69%	0.59%	0.48%	0.57%	0.33%	0.44%
B. Accident Year - 7/1 to 6/30 (b)	0.67%	0.56%	0.47%	0.48%	0.76%	0.48%	0.52%	0.45%	0.38%

II. Case O/S Inflation Per Year

A. Accident Year - 1/1 to 12/31 (a)	0.72%	0.19%	0.17%	2.01%	0.22%	0.22%	1.01%	0.19%	0.25%
B. Accident Year - 7/1 to 6/30	9.83%	0.72%	0.18%	2.01%	0.22%	0.22%	0.22%	1.01%	0.22%

III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)

A. Accident Year - 1/1 to 12/31	0.71%	0.23%	0.19%	1.87%	0.26%	0.25%	0.97%	0.20%	0.27%
B. Accident Year - 7/1 to 6/30	8.91%	0.71%	0.21%	1.85%	0.28%	0.25%	0.25%	0.96%	0.23%

Year of Birth	294	306	318	330	342	354	366	378	390
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1989	1.477	1.485	1.492	1.499	1.510	1.518	1.526	1.533	1.538
1990	1.459	1.466	1.473	1.484	1.492	1.499	1.506	1.512	
1991	1.443	1.450	1.461	1.468	1.476	1.482	1.488		
1992	1.429	1.440	1.447	1.454	1.461	1.466			
1993	1.418	1.425	1.432	1.439	1.444				
1994	1.404	1.411	1.418	1.423					
1995	1.395	1.402	1.407						
1996	1.387	1.393							
1997	1.379								
1998									
1999									
2000									
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2021									

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 3/31/08, 3/31/09, 3/31/10, 3/31/16, and 3/31/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Case Outstanding Loss & ALAE - Inflation Factors - Based on Accident Year Factors

Year of Birth	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
C.Y Ending	6/30/1989	6/30/1990	6/30/1991	6/30/1992	6/30/1993	6/30/1994	6/30/1995	6/30/1996	6/30/1997	6/30/1998	6/30/1999	6/30/2000
Assumptions:												
I. Incremental Paid Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	1.75%	1.75%	1.49%	1.46%	1.62%	1.30%	1.00%	1.09%	0.91%	0.92%	0.97%	0.98%
B. Accident Year - 7/1 to 6/30 (b)	1.75%	1.75%	1.62%	1.47%	1.54%	1.46%	1.15%	1.05%	1.00%	0.92%	0.94%	0.97%
II. Case O/S Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	0.81%	0.81%	0.53%	0.47%	0.42%	0.39%	0.35%	0.37%	0.24%	0.26%	0.35%	0.42%
B. Accident Year - 7/1 to 6/30	0.81%	0.81%	0.67%	0.50%	0.44%	0.40%	0.37%	0.36%	0.30%	0.25%	0.30%	0.38%
III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)												
A. Accident Year - 1/1 to 12/31	0.90%	0.90%	0.63%	0.57%	0.54%	0.48%	0.41%	0.44%	0.31%	0.32%	0.41%	0.47%
B. Accident Year - 7/1 to 6/30	0.90%	0.90%	0.76%	0.60%	0.55%	0.51%	0.45%	0.43%	0.37%	0.32%	0.37%	0.44%

Year of Birth	6	18	30	42	54	66	78	90	102	114	126	138
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1989	1.000	1.008	1.015	1.020	1.024	1.029	1.032	1.036	1.039	1.042	1.045	1.049
1990	1.000	1.007	1.012	1.016	1.020	1.024	1.028	1.031	1.033	1.037	1.041	1.044
1991	1.000	1.005	1.009	1.014	1.017	1.021	1.024	1.027	1.030	1.034	1.037	1.041
1992	1.000	1.004	1.008	1.012	1.016	1.019	1.021	1.025	1.028	1.032	1.036	1.039
1993	1.000	1.004	1.008	1.011	1.014	1.017	1.020	1.024	1.028	1.031	1.034	1.037
1994	1.000	1.004	1.007	1.010	1.013	1.016	1.020	1.023	1.027	1.030	1.033	1.084
1995	1.000	1.004	1.007	1.009	1.012	1.016	1.020	1.023	1.027	1.029	1.080	1.090
1996	1.000	1.003	1.006	1.009	1.012	1.016	1.019	1.023	1.026	1.077	1.086	1.139
1997	1.000	1.002	1.006	1.009	1.013	1.016	1.020	1.023	1.073	1.083	1.135	1.187
1998	1.000	1.003	1.007	1.010	1.014	1.017	1.020	1.071	1.080	1.132	1.184	1.188
1999	1.000	1.004	1.007	1.011	1.014	1.017	1.067	1.077	1.129	1.180	1.184	1.188
2000	1.000	1.004	1.007	1.010	1.013	1.063	1.073	1.125	1.176	1.180	1.184	1.188
2001	1.000	1.003	1.007	1.010	1.060	1.069	1.121	1.172	1.176	1.179	1.184	1.189
2002	1.000	1.003	1.006	1.056	1.065	1.117	1.168	1.172	1.175	1.180	1.185	1.301
2003	1.000	1.003	1.052	1.062	1.113	1.164	1.168	1.172	1.176	1.181	1.297	1.306
2004	1.000	1.049	1.059	1.110	1.160	1.164	1.168	1.172	1.177	1.293	1.302	1.305
2005	1.000	1.009	1.058	1.106	1.110	1.113	1.117	1.122	1.232	1.241	1.243	1.268
2006	1.000	1.049	1.096	1.100	1.104	1.108	1.112	1.222	1.230	1.233	1.257	1.260
2007	1.000	1.046	1.049	1.053	1.056	1.061	1.165	1.173	1.176	1.199	1.202	1.204
2008	1.000	1.004	1.007	1.010	1.015	1.114	1.122	1.124	1.147	1.149	1.152	1.155
2009	1.000	1.003	1.007	1.011	1.110	1.118	1.120	1.143	1.145	1.148	1.151	1.162
2010	1.000	1.004	1.008	1.107	1.115	1.117	1.139	1.142	1.144	1.147	1.159	1.161
2011	1.000	1.004	1.103	1.111	1.113	1.135	1.138	1.140	1.143	1.154	1.157	
2012	1.000	1.098	1.106	1.108	1.130	1.133	1.136	1.138	1.150	1.152		
2013	1.000	1.007	1.009	1.029	1.032	1.034	1.036	1.047	1.049			
2014	1.000	1.002	1.022	1.024	1.026	1.029	1.039	1.041				
2015	1.000	1.020	1.022	1.025	1.027	1.037	1.040					
2016	1.000	1.002	1.004	1.007	1.017	1.019						
2017	1.000	1.002	1.004	1.015	1.017							
2018	1.000	1.002	1.012	1.015								
2019	1.000	1.010	1.012									
2020	1.000	1.002										
2021	1.000											

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 3/31/08, 3/31/09, 3/31/10, 3/31/16, and 3/31/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Case Outstanding Loss & ALAE - Inflation Factors - Based on Accident Year Factors

Year of Birth C.Y Ending	2001 6/30/2001	2002 6/30/2002	2003 6/30/2003	2004 6/30/2004	2005 6/30/2005	2006 6/30/2006	2007 6/30/2007	2008 6/30/2008	2009 6/30/2009	2010 6/30/2010	2011 6/30/2011	2012 6/30/2012
Assumptions:												
I. Incremental Paid Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%	7.62%	0.78%	1.00%	0.78%
B. Accident Year - 7/1 to 6/30 (b)	1.01%	1.13%	1.10%	1.20%	1.41%	1.20%	1.15%	1.03%	13.56%	0.86%	0.89%	0.89%
II. Case O/S Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	0.30%	0.38%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%	0.35%	0.29%	0.42%	9.83%
B. Accident Year - 7/1 to 6/30	0.36%	0.34%	0.33%	0.29%	4.94%	0.87%	4.86%	4.55%	0.35%	0.32%	0.36%	0.42%
III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)												
A. Accident Year - 1/1 to 12/31	0.38%	0.46%	0.36%	4.59%	0.92%	4.47%	0.58%	4.75%	1.08%	0.34%	0.48%	8.92%
B. Accident Year - 7/1 to 6/30	0.42%	0.42%	0.41%	0.38%	4.59%	0.90%	4.49%	4.20%	1.67%	0.37%	0.41%	0.47%
Year of Birth -----	150 -----	162 -----	174 -----	186 -----	198 -----	210 -----	222 -----	234 -----	246 -----	258 -----	270 -----	282 -----
1989	1.053	1.056	1.060	1.063	1.115	1.125	1.180	1.233	1.238	1.242	1.246	1.251
1990	1.048	1.051	1.054	1.106	1.116	1.170	1.223	1.228	1.232	1.236	1.241	1.363
1991	1.044	1.047	1.099	1.109	1.162	1.215	1.220	1.223	1.228	1.233	1.354	1.364
1992	1.042	1.094	1.103	1.157	1.209	1.213	1.217	1.222	1.227	1.347	1.357	1.360
1993	1.089	1.098	1.151	1.204	1.208	1.212	1.216	1.221	1.341	1.351	1.354	1.381
1994	1.094	1.147	1.199	1.203	1.207	1.211	1.217	1.336	1.346	1.348	1.375	1.378
1995	1.143	1.195	1.199	1.203	1.207	1.212	1.331	1.341	1.343	1.370	1.373	1.376
1996	1.190	1.195	1.198	1.203	1.208	1.326	1.336	1.338	1.365	1.368	1.371	1.374
1997	1.191	1.195	1.199	1.204	1.322	1.332	1.334	1.361	1.364	1.367	1.370	1.384
1998	1.192	1.196	1.201	1.319	1.329	1.331	1.358	1.361	1.364	1.367	1.381	1.384
1999	1.192	1.197	1.315	1.325	1.327	1.354	1.357	1.360	1.363	1.377	1.380	
2000	1.193	1.310	1.320	1.322	1.349	1.352	1.355	1.358	1.371	1.374		
2001	1.306	1.315	1.317	1.344	1.347	1.350	1.353	1.366	1.369			
2002	1.310	1.313	1.339	1.342	1.345	1.348	1.362	1.365				
2003	1.309	1.335	1.338	1.341	1.344	1.357	1.360					
2004	1.331	1.334	1.337	1.340	1.353	1.356						
2005	1.271	1.274	1.277	1.290	1.292							
2006	1.263	1.266	1.279	1.281								
2007	1.207	1.219	1.222									
2008	1.166	1.169										
2009	1.165											
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
2021												

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 3/31/08, 3/31/09, 3/31/10, 3/31/16, and 3/31/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Case Outstanding Loss & ALAE - Inflation Factors - Based on Accident Year Factors

Year of Birth	2013	2014	2015	2016	2017	2018	2019	2020	2021
C.Y Ending	6/30/2013	6/30/2014	6/30/2015	6/30/2016	6/30/2017	6/30/2018	6/30/2019	6/30/2020	6/30/2021
Assumptions:									
I. Incremental Paid Inflation Per Year									
A. Accident Year - 1/1 to 12/31 (a)	0.57%	0.55%	0.40%	0.69%	0.59%	0.48%	0.57%	0.33%	0.44%
B. Accident Year - 7/1 to 6/30 (b)	0.67%	0.56%	0.47%	0.48%	0.76%	0.48%	0.52%	0.45%	0.38%
II. Case O/S Inflation Per Year									
A. Accident Year - 1/1 to 12/31 (a)	0.72%	0.19%	0.17%	2.01%	0.22%	0.22%	1.01%	0.19%	0.25%
B. Accident Year - 7/1 to 6/30	9.83%	0.72%	0.18%	2.01%	0.22%	0.22%	0.22%	1.01%	0.22%
III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)									
A. Accident Year - 1/1 to 12/31	0.71%	0.23%	0.19%	1.87%	0.26%	0.25%	0.97%	0.20%	0.27%
B. Accident Year - 7/1 to 6/30	8.91%	0.71%	0.21%	1.85%	0.28%	0.25%	0.25%	0.96%	0.23%

Year of Birth	294	306	318	330	342	354	366	378	390
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1989	1.374	1.384	1.387	1.415	1.418	1.421	1.424	1.438	1.442
1990	1.373	1.376	1.403	1.406	1.409	1.413	1.427	1.430	
1991	1.366	1.394	1.397	1.400	1.403	1.417	1.420		
1992	1.387	1.390	1.393	1.396	1.410	1.413			
1993	1.384	1.387	1.390	1.404	1.407				
1994	1.381	1.384	1.398	1.401					
1995	1.379	1.393	1.396						
1996	1.388	1.391							
1997	1.387								
1998									
1999									
2000									
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2017									
2018									
2019									
2020									
2021									

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 3/31/08, 3/31/09, 3/31/10, 3/31/16, and 3/31/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Ultimate Accepted Claim Counts
Evaluated As of June 30, 2021

Year of Birth	Reported Accepted Claim Counts				IBNR Accepted Claim Counts			Ultimate Accepted Claim Counts		
	DA (a)	AAD (b)	AAA (c)	Combined (2)+(3)+(4)	DA Only (d)	AAD & AAA Only (d)	All (e) Accepted Claim Counts	DA Only (2) + (6)	AAD & AAA Only (3)+(4)+(7)	All Accepted Claim Counts (9) + (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	4	8	3	15			-	4	11	15
1990	3	4	3	10			-	3	7	10
1991	4	-	4	8			-	4	4	8
1992	1	4	9	14			-	1	13	14
1993	2	5	8	15			-	2	13	15
1994	9	4	3	16			-	9	7	16
1995	5	1	5	11			-	5	6	11
1996	10	1	6	17			-	10	7	17
1997	6	3	8	17			-	6	11	17
1998	3	4	11	18			-	3	15	18
1999	9	6	3	18			-	9	9	18
2000	7	3	3	13			-	7	6	13
2001	9	-	4	13			-	9	4	13
2002	5	4	13	22			-	5	17	22
2003	6	-	3	9			-	6	3	9
2004	7	1	5	13			-	7	6	13
2005	2	4	7	13			-	2	11	13
2006	1	3	9	13			-	1	12	13
2007	5	3	7	15			-	5	10	15
2008	1	1	9	11			-	1	10	11
2009	6	1	10	17			-	6	11	17
2010	6	1	5	12			-	6	6	12
2011	2	2	10	14			-	2	12	14
2012	4	-	7	11			-	4	7	11
2013	3	1	7	11			-	3	8	11
2014	3	1	9	13			-	3	10	13
2015	6	-	15	21			-	6	15	21
2016	4	-	5	9	-	1	1	4	6	10
2017	2	1	13	16	1	1	2	3	15	18
2018	9	1	15	25	1	2	3	10	18	28
2019	2	1	10	13	2	6	8	4	17	21
2020	1	-	4	5	3	10	13	4	14	18
2021 (6 Mo)	-	-	-	-	2	7	9	2	7	9
Totals All:	147	68	233	448	9	27	36	156	328	484
2016 - 2021	18	3	47	68	9	27	36	27	77	104

Notes: (a) The accepted claims shown in Column (2), DA, are claims where claimant was deceased prior to presentation of the claim to NICA.

(b) The accepted claims shown in Column (3), AAD, are claims that deceased after acceptance as of June 30, 2021.

(c) The accepted claims shown in Column (4), AAA, are accepted claims that are alive as of June 30, 2021.

(d) See Exhibit X, Sheet 1c, Columns (21) and (11), respectively.

(e) See Exhibit X, Sheet 1b, Column (10).

Ultimate Accepted Claim Counts
Evaluated As of June 30, 2021

Year of Birth	Actual (a) Accepted Claim Cts. @ 6/30/21	Reported Claim Cts. (b) @ 6/30/21	Loss Development Factors		Indicated Ultimate Reported Claim Cts. (3) x (5)	Ratio of Actual Accepted to Reported Claims (2) / (3)	Estimated Ultimate Accepted Claim Cts. (c)	Ratio of Ultimate Accepted to Ultimate Rept. Claims (8) / (6)	IBNR for All Accepted Claim Cts. (8) - (2)
			Incremental	Cumulative					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	15	32	1.000	1.000	32.0	0.46875	15	0.46875	-
1990	10	39	1.000	1.000	39.0	0.25641	10	0.25641	-
1991	8	38	1.000	1.000	38.0	0.21053	8	0.21053	-
1992	14	48	1.000	1.000	48.0	0.29167	14	0.29167	-
1993	15	40	1.000	1.000	40.0	0.37500	15	0.37500	-
1994	16	36	1.000	1.000	36.0	0.44444	16	0.44444	-
1995	11	26	1.000	1.000	26.0	0.42308	11	0.42308	-
1996	17	40	1.000	1.000	40.0	0.42500	17	0.42500	-
1997	17	47	1.000	1.000	47.0	0.36170	17	0.36170	-
1998	18	42	1.000	1.000	42.0	0.42857	18	0.42857	-
1999	18	40	1.000	1.000	40.0	0.45000	18	0.45000	-
2000	13	38	1.000	1.000	38.0	0.34211	13	0.34211	-
2001	13	41	1.000	1.000	41.0	0.31707	13	0.31707	-
2002	22	50	1.000	1.000	50.0	0.44000	22	0.44000	-
2003	9	23	1.000	1.000	23.0	0.39130	9	0.39130	-
2004	13	31	1.000	1.000	31.0	0.41935	13	0.41935	-
2005	13	41	1.000	1.000	41.0	0.31707	13	0.31707	-
2006	13	34	1.000	1.000	34.0	0.38235	13	0.38235	-
2007	15	36	1.000	1.000	36.0	0.41667	15	0.41667	-
2008	11	42	1.000	1.000	42.0	0.26190	11	0.26190	-
2009	17	50	1.000	1.000	50.0	0.34000	17	0.34000	-
2010	12	40	1.000	1.000	40.0	0.30000	12	0.30000	-
2011	14	44	1.000	1.000	44.0	0.31818	14	0.31818	-
2012	11	50	1.000	1.000	50.0	0.22000	11	0.22000	-
2013	11	32	1.015	1.015	32.5	0.34375	11	0.33867	-
2014	13	45	1.020	1.035	46.6	0.28889	13	0.27904	-
2015	21	48	1.020	1.056	50.7	0.43750	21	0.41430	-
2016	9	31	1.050	1.109	34.4		10	0.29093	1
2017	16	39	1.125	1.247	48.6		18	0.37000	2
2018	25	49	1.150	1.435	70.3		28	0.39834	3
2019	13	31	1.500	2.152	66.7		21	0.31482	8
2020	5	12	2.500	5.379	64.6		18	0.27884	13
2021 (6 Mo)	-	-	7.000	37.656	-		9		9
Totals:	448	1,235			1,362		484		36

Notes:(a) Based on individual claim detail provided by NICA as of June 30, 2021.

(b) See Exhibit X, Sheets 2a and 2b.

(c) Based on Column (2) for birth years 2015 and prior. See Exhibit X, Sheet 1c, sum of Columns (10) and (20) for birth years 2016 and subsequent.

Development of Ultimate Accepted Claim Counts (B/F Estimate)
Evaluated As of June 30, 2021

A. Selected Claim Frequency per Insured Physician Based on: (a)

1. AAA & AAD Only 0.0093
2. DA Only 0.0035
3. All Reported Claim:
But Excluding DA Only 0.0350

B. Ratio to Reported All Claims Excluding DA Only Based on: (a)

1. AAA & AAD Only 0.2657
2. DA Only 0.1000

Year of Birth	Actual (b) AAA & AAD Accepted Claim Cts. @ 6/30/21	All Reported Claim Cts. Excl. DA (c) @ 6/30/21	Insured Physicians @ 6/30/21	Estimated Claim Reporting Pattern - Based on :		B/F Method Estimated Ultimate (d) Reported Excl. DA (3) + {[1-(6)] x (4) x A.3}	Indicated Ultimate AAA & AAD Accepted Claims Based on		Final Selected Ultimate AAA & AAD Accepted Claim Cts.	IBNR AAA & AAD Accepted Claim Cts. (10) - (2)
				Accepted AAA & AAD	Reported Claim Cts.		Reported Claim Cts. Excl. DA (2) + {[1-(5)] x (7) x B.1}	AAA & AAD Claim Cts. (d) (2) + {[1-(5)] x (4) x A.1}		
	(1)	(2)	(3)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2016	5	27	1,318	99.01%	90.19%	31.53	5.08	5.12	6	1
2017	14	37	1,356	94.30%	80.17%	46.41	14.70	14.72	15	1
2018	16	40	1,420	85.72%	69.71%	55.05	18.09	17.89	18	2
2019	11	29	1,501	61.23%	46.47%	57.12	16.88	16.41	17	6
2020	4	11	1,575	29.16%	18.59%	55.88	14.52	14.38	14	10
2021 (6 Mo)	-	-	1,543	3.24%	2.66%	26.29	6.76	6.94	7	7
Subtotals:	50	144	8,713			272.28	76.04	75.46	77	27

Year of Birth	Actual (b) DA Only Accepted Claim Cts. @ 6/30/21	All Reported Claim Cts. Excl. DA (c) @ 6/30/21	Insured Physicians @ 6/30/21	Estimated Claim Reporting Pattern - Based on :		B/F Method Estimated Ultimate (d) Reported Excl. DA (13) + {[1-(16)] x (14) x A.3}	Indicated Ultimate DA Only Accepted Claims Based on		Final Selected Ultimate DA Only Accepted Claim Cts.	IBNR DA Only Accepted Claim Cts. (20) - (12)
				Accepted DA Only	Reported Claim Cts.		Reported Claim Cts. Excl. DA (12) + {[1-(15)] x (17) x B.2}	DA Only Claim Cts. (d) (12) + {[1-(15)] x (14) x A.2}		
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
2016	4	27	1,318	100.00%	90.19%	31.53	4.00	4.00	4	-
2017	2	37	1,356	100.00%	80.17%	46.41	2.00	2.00	3	1
2018	9	40	1,420	94.34%	69.71%	55.05	9.31	9.28	10	1
2019	2	29	1,501	75.47%	46.47%	57.12	3.40	3.29	4	2
2020	1	11	1,575	37.74%	18.59%	55.88	4.48	4.43	4	3
2021 (6 Mo)	-	-	1,543	7.55%	2.66%	26.29	2.43	2.50	2	2
Subtotals:	18	144	8,713			272.28	25.62	25.50	27	9

Notes: (a) See Exhibit X, Sheet 1d, Item (12), Columns (6) through (11), respectively.

(b) See Exhibit X, Sheet 1a, Columns (2), (3) and (4) respectively for DA, AAD, and AAA reported accepted claims.

(c) Based on all reported claims (as shown in Exhibit X, Sheet 1b, Column (3)) but excluded the DA only reported accepted claims (as shown in Exhibit X, Sheet 1a, Column (2)).

(d) The formula shown below for birth year 2021 is adjusted to account for the partial year.

Development of Ultimate Accepted Claim Counts (B/F Estimate)

Evaluated As of June 30, 2021

Year of Birth	Actual (a) Accepted Claim Counts		All (b) Reported Claim Cts. @ 6/30/21	All Reported Claim Cts. Excluding DA Claims @ 6/30/21 (4) - (3)	Insured Physicians	Claim Frequency per Insured Physician Based on :			Ratio of AAA & AAD to Reported All Claims Excl. DA (2) / (5)	Ratio of DA Only to Reported All Claims Excl. DA (3) / (5)					
	-----					-----									
	AAA & AAD Only	DA Only									AAA & AAD Only	DA Only	Reported		
	@ 6/30/21	@ 6/30/21				@ 6/30/21	@ 6/30/21	@ 6/30/21			(2) / (6)	(3) / (6)	Excl. DA (5) / (6)	Excl. DA (2) / (5)	Excl. DA (3) / (5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)					
1989	11	4	32	28	570	0.0193	0.0070	0.0491	0.3929	0.1429					
1990	7	3	39	36	590	0.0119	0.0051	0.0610	0.1944	0.0833					
1991	4	4	38	34	653	0.0061	0.0061	0.0521	0.1176	0.1176					
1992	13	1	48	47	712	0.0183	0.0014	0.0660	0.2766	0.0213					
1993	13	2	40	38	731	0.0178	0.0027	0.0520	0.3421	0.0526					
1994	7	9	36	27	659	0.0106	0.0137	0.0410	0.2593	0.3333					
1995	6	5	26	21	682	0.0088	0.0073	0.0308	0.2857	0.2381					
1996	7	10	40	30	708	0.0099	0.0141	0.0424	0.2333	0.3333					
1997	11	6	47	41	737	0.0149	0.0081	0.0556	0.2683	0.1463					
1998	15	3	42	39	699	0.0215	0.0043	0.0558	0.3846	0.0769					
1999	9	9	40	31	665	0.0135	0.0135	0.0466	0.2903	0.2903					
2000	6	7	38	31	620	0.0097	0.0113	0.0500	0.1935	0.2258					
2001	4	9	41	32	676	0.0059	0.0133	0.0473	0.1250	0.2813					
2002	17	5	50	45	730	0.0233	0.0068	0.0616	0.3778	0.1111					
2003	3	6	23	17	785	0.0038	0.0076	0.0217	0.1765	0.3529					
2004	6	7	31	24	841	0.0071	0.0083	0.0285	0.2500	0.2917					
2005	11	2	41	39	891	0.0123	0.0022	0.0438	0.2821	0.0513					
2006	12	1	34	33	897	0.0134	0.0011	0.0368	0.3636	0.0303					
2007	10	5	36	31	963	0.0104	0.0052	0.0322	0.3226	0.1613					
2008	10	1	42	41	987	0.0101	0.0010	0.0415	0.2439	0.0244					
2009	11	6	50	44	1,044	0.0105	0.0057	0.0421	0.2500	0.1364					
2010	6	6	40	34	1,071	0.0056	0.0056	0.0317	0.1765	0.1765					
2011	12	2	44	42	1,091	0.0110	0.0018	0.0385	0.2857	0.0476					
2012	7	4	50	46	1,119	0.0063	0.0036	0.0411	0.1522	0.0870					
2013	8	3	32	29	1,143	0.0070	0.0026	0.0254	0.2759	0.1034					
2014	10	3	45	42	1,208	0.0083	0.0025	0.0348	0.2381	0.0714					
2015	15	6	48	42	1,273	0.0118	0.0047	0.0330	0.3571	0.1429					
Subtotals:															
89 to 15	251	129	1,073	944	22,745	0.0110	0.0057	0.0415	0.2659	0.1367					
89 to 02	130	77	557	480	9,432	0.0138	0.0082	0.0509	0.2708	0.1604					
03 to 15	121	52	516	464	13,313	0.0091	0.0039	0.0349	0.2608	0.1121					
08 to 15	79	31	351	320	8,936	0.0088	0.0035	0.0358	0.2469	0.0969					
05 to 15	112	39	462	423	11,687	0.0096	0.0033	0.0362	0.2648	0.0922					
(12) Selected Frequency =====>						0.0093	0.0035	0.0350	0.2657	0.1000					

Notes: (a) See Exhibit X, Sheet 1a, Columns (2), (3) and (4) respectively for DA, AAD, and AAA reported accepted claims.

(b) See Exhibit X, Sheet 1b, Column (3).

Open Accepted Claim Counts
Evaluated As of June 30, 2021

Year of Birth	Reported Open Accepted Claim Counts @ 6/30/21				IBNR Accepted Claim Counts (d)			Total Open Accepted Claim Counts (Reported + IBNR)		
	DA (a)	AAD (b)	AAA (c)	Combined	DA	AAD & AAA		DA	AAD & AAA	Combined
	Only	Only	Only	(2)+(3)+(4)	Only	Only	Combined	(2) + (6)	Only (3)+(4)+(7)	(9) + (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	-	-	3	3	-	-	-	-	3	3
1990	-	-	3	3	-	-	-	-	3	3
1991	-	-	4	4	-	-	-	-	4	4
1992	-	-	9	9	-	-	-	-	9	9
1993	-	-	8	8	-	-	-	-	8	8
1994	-	-	3	3	-	-	-	-	3	3
1995	-	-	5	5	-	-	-	-	5	5
1996	-	-	6	6	-	-	-	-	6	6
1997	-	-	8	8	-	-	-	-	8	8
1998	-	-	11	11	-	-	-	-	11	11
1999	-	-	3	3	-	-	-	-	3	3
2000	-	1	3	4	-	-	-	-	4	4
2001	-	-	4	4	-	-	-	-	4	4
2002	-	-	13	13	-	-	-	-	13	13
2003	-	-	3	3	-	-	-	-	3	3
2004	-	-	5	5	-	-	-	-	5	5
2005	-	-	7	7	-	-	-	-	7	7
2006	-	-	9	9	-	-	-	-	9	9
2007	-	-	7	7	-	-	-	-	7	7
2008	-	-	9	9	-	-	-	-	9	9
2009	-	-	10	10	-	-	-	-	10	10
2010	-	-	5	5	-	-	-	-	5	5
2011	-	-	10	10	-	-	-	-	10	10
2012	-	-	7	7	-	-	-	-	7	7
2013	-	-	7	7	-	-	-	-	7	7
2014	-	-	9	9	-	-	-	-	9	9
2015	-	-	15	15	-	-	-	-	15	15
2016	1	-	5	6	-	1	1	1	6	7
2017	-	-	13	13	1	1	2	1	14	15
2018	1	-	15	16	1	2	3	2	17	19
2019	-	-	10	10	2	6	8	2	16	18
2020	1	-	4	5	3	10	13	4	14	18
2021 (6 Mo)	-	-	-	-	2	7	9	2	7	9
Totals All:	3	1	233	237	9	27	36	12	261	273

Notes: (a) DA are claims where claimant was deceased prior to presentation of the claim to NICA.

(b) AAD are claims that deceased after acceptance as of June 30, 2021.

(c) AAA are accepted claims that are alive as of June 30, 2021.

(d) See Exhibit X, Sheet 1a, Columns (6), (7), and (8), respectively.

[illegible]

[illegible]

Reported Claim Counts
Period to Period Development Factors

Year of Birth	6:18	18:30	30:42	42:54	54:66	66:78	78:90	90:102	102:114	114:126	126:138	138:150
1989				1.211	1.174	1.111	1.033	1.032	1.000	1.000	1.000	1.000
1990			2.000	1.125	1.296	1.057	1.027	1.026	1.000	1.000	1.000	1.000
1991		2.200	2.091	1.261	1.103	1.063	1.029	1.057	1.000	1.000	1.000	1.000
1992		4.000	1.850	1.108	1.098	1.044	1.021	1.000	1.000	1.000	1.000	1.000
1993		5.750	1.435	1.061	1.029	1.111	1.000	1.000	1.000	1.000	1.000	1.000
1994		2.400	1.292	1.000	1.161	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1995		4.000	1.500	1.222	1.136	1.000	1.040	1.000	1.000	1.000	1.000	1.000
1996		2.500	1.400	1.286	1.370	1.054	1.000	1.000	1.026	1.000	1.000	1.000
1997		4.750	1.526	1.276	1.189	1.068	1.000	1.000	1.000	1.000	1.000	1.000
1998		2.333	1.524	1.063	1.118	1.105	1.000	1.000	1.000	1.000	1.000	1.000
1999		1.455	1.688	1.111	1.200	1.111	1.000	1.000	1.000	1.000	1.000	1.000
2000		1.462	1.579	1.067	1.156	1.027	1.000	1.000	1.000	1.000	1.000	1.000
2001		3.200	1.688	1.222	1.152	1.079	1.000	1.000	1.000	1.000	1.000	1.000
2002		2.182	1.500	1.111	1.150	1.087	1.000	1.000	1.000	1.000	1.000	1.000
2003		2.000	1.300	1.308	1.235	1.000	1.048	1.045	1.000	1.000	1.000	1.000
2004		3.000	1.417	1.235	1.190	1.200	1.000	1.033	1.000	1.000	1.000	1.000
2005		3.200	1.688	1.148	1.194	1.054	1.026	1.025	1.000	1.000	1.000	1.000
2006		2.000	1.667	1.200	1.292	1.065	1.000	1.000	1.030	1.000	1.000	1.000
2007		3.750	1.733	1.115	1.103	1.000	1.094	1.029	1.000	1.000	1.000	1.000
2008		3.000	1.533	1.130	1.308	1.088	1.135	1.000	1.000	1.000	1.000	1.000
2009		1.545	1.882	1.125	1.194	1.116	1.000	1.000	1.042	1.000	1.000	1.000
2010		1.545	1.706	1.172	1.147	1.000	1.000	1.026	1.000	1.000	1.000	
2011	4.000	2.250	1.778	1.188	1.000	1.053	1.050	1.048	1.000	1.000		
2012	6.000	4.500	1.667	1.000	1.089	1.020	1.000	1.000	1.000			
2013	9.000	2.667	1.000	1.250	1.067	1.000	1.000	1.000				
2014		1.000	1.522	1.143	1.100	1.000	1.023					
2015	1.000	4.200	1.905	1.100	1.068	1.021						
2016	1.800	1.778	1.438	1.174	1.148							
2017		2.500	1.440	1.083								
2018	4.333	3.000	1.256									
2019	16.000	1.938										
2020												
Simple Avg. - Incremental	6.019	2.762	1.586	1.155	1.160	1.057	1.020	1.013	1.004	1.000	1.000	1.000
Wtd Avg. All - Incremental	13.500	2.364	1.557	1.140	1.149	1.056	1.018	1.011	1.004	1.000	1.000	1.000
Wtd Latest Five - Incremental	6.667	2.491	1.476	1.139	1.091	1.019	1.015	1.014	1.009	1.000	1.000	1.000
Wtd Latest Three - Incremental	10.250	2.436	1.350	1.111	1.099	1.008	1.008	1.016	1.000	1.000	1.000	1.000
Selected Incremental - Prior 6/30/20	7.000	3.000	1.850	1.175	1.150	1.090	1.015	1.015	1.005	1.000	1.000	1.000
Selected - Incremental	7.000	2.500	1.500	1.150	1.125	1.050	1.020	1.020	1.015	1.000	1.000	1.000
Selected - Cumulative	37.656	5.379	2.152	1.435	1.247	1.109	1.056	1.035	1.015	1.000	1.000	1.000

Reported Claim Counts
Period to Period Development Factors

	Year of Birth	150:162	162:174	174:186	186:198	198:210	210:222	222:234	234:246	246:258	258:270	270:282	282:294
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	1989	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	1990	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	1991	1.027	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	1992	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	1993	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	1994	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	1995	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	1996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	1997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	1998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
	1999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
	2000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
	2001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
	2002	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
	2003	1.000	1.000	1.000	1.000	1.000	1.000						
	2004	1.000	1.000	1.000	1.000	1.000							
	2005	1.000	1.000	1.000	1.000								
	2006	1.000	1.000	1.000									
	2007	1.000	1.000										
	2008	1.000											
	2009												
	2010												
	2011												
	2012												
	2013												
	2014												
	2015												
	2016												
	2017												
	2018												
	2019												
	2020												
	Simple Avg. - Incremental	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	Wtd Avg. All - Incremental	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	Wtd Latest Five - Incremental	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	Wtd Latest Three - Incremental	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	Selected Incremental - Prior 6/30/20	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	Selected - Incremental	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	Selected - Cumulative	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Reported Claim Counts
Period to Period Development Factors

[illegible]

Florida Birth Related Neurological Injury Compensation Association (NICA)
Summary of Incurred Loss & ALAE - **Actual**
Evaluated As of June 30, 2021

Exhibit XI
Sheet 1

Incurred Loss & ALAE @ 6/30/21

Birth Year	All Expense Categories	Class Action	All Expenses Excluding Class Action (2) - (3)	SB 1786			All Expenses Excluding Class Action & SB 1786 Used for Triangle (2) - (3) - (7)
				Parental Awards	Death Benefit	Total SB 1786 (5) + (6)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	27,911,377	261,214	27,650,163	450,000	730,000	1,180,000	26,470,163
1990	13,856,901	758,051	13,098,850	450,000	460,000	910,000	12,188,850
1991	28,220,428	792,094	27,428,334	600,000	400,000	1,000,000	26,428,334
1992	54,005,541	1,951,145	52,054,396	1,350,000	690,000	2,040,000	50,014,396
1993	51,146,085	910,230	50,235,856	1,200,000	720,000	1,920,000	48,315,856
1994	22,978,869	634,196	22,344,673	450,000	750,000	1,200,000	21,144,673
1995	35,522,250	910,904	34,611,346	750,000	550,000	1,300,000	33,311,346
1996	33,020,962	797,021	32,223,941	900,000	800,000	1,700,000	30,523,941
1997	47,210,839	1,624,160	45,586,679	1,200,000	840,000	2,040,000	43,546,679
1998	77,514,792	2,006,630	75,508,162	1,650,000	840,000	2,490,000	73,018,162
1999	28,001,412	873,581	27,127,831	450,000	850,010	1,300,010	25,827,821
2000	18,964,375	599,907	18,364,468	450,000	590,000	1,040,000	17,324,468
2001	31,592,597	115,547	31,477,050	600,000	610,000	1,210,000	30,267,050
2002	76,584,776	840,587	75,744,189	1,950,000	1,020,034	2,970,034	72,774,155
2003	17,878,588	-	17,878,588	450,000	420,000	870,000	17,008,588
2004	30,645,215	-	30,645,215	750,000	530,000	1,280,000	29,365,215
2005	37,264,866	-	37,264,866	1,050,000	590,000	1,640,000	35,624,866
2006	54,230,728	-	54,230,728	1,350,000	610,000	1,960,000	52,270,728
2007	42,098,123	-	42,098,123	1,050,000	590,000	1,640,000	40,458,123
2008	55,462,355	-	55,462,355	1,350,000	530,034	1,880,034	53,582,321
2009	65,615,131	-	65,615,131	1,500,000	780,000	2,280,000	63,335,131
2010	33,072,356	-	33,072,356	750,000	530,000	1,280,000	31,792,356
2011	54,158,063	-	54,158,063	1,500,000	660,000	2,160,000	51,998,063
2012	37,051,823	-	37,051,823	1,050,000	510,000	1,560,000	35,491,823
2013	32,394,405	-	32,394,405	1,050,000	510,000	1,560,000	30,834,405
2014	37,853,618	-	37,853,618	1,350,000	610,000	1,960,000	35,893,618
2015	67,164,277	-	67,164,277	2,250,000	970,000	3,220,000	63,944,277
2016	19,740,938	-	19,740,938	900,000	410,034	1,310,034	18,430,904
2017	40,923,816	-	40,923,816	1,800,000	680,000	2,480,000	38,443,816
2018	53,942,571	-	53,942,571	2,100,000	1,030,000	3,130,000	50,812,571
2019	39,716,696	-	39,716,696	1,200,000	500,000	1,700,000	38,016,696
2020	10,395,911	-	10,395,911	300,000	80,000	380,000	10,015,911
2021	-	-	-	-	-	-	-
Totals:	1,276,140,683	13,075,266	1,263,065,417	34,200,000	20,390,112	54,590,112	1,208,475,305

Florida Birth Related Neurological Injury Compensation Association (NICA)
Summary of Paid Loss & ALAE - **Actual**
Evaluated As of June 30, 2021

Exhibit XI
Sheet 2

Paid Loss & ALAE @ 6/30/21

Birth Year	All Expense Categories	Class Action	All Expenses Excluding Class Action (2) - (3)	SB 1786			All Expenses Excluding Class Action & SB 1786 Used for Triangle (2) - (3) - (7)
				Parental Awards	Death Benefit	Total SB 1786 (5) + (6)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	16,095,425	261,214	15,834,211	450,000	40,000	490,000	15,344,211
1990	7,279,050	758,051	6,520,999	450,000	-	450,000	6,070,999
1991	11,025,636	792,094	10,233,542	300,000	-	300,000	9,933,542
1992	19,025,458	1,951,145	17,074,313	1,350,000	-	1,350,000	15,724,313
1993	24,208,101	910,230	23,297,871	1,200,000	50,000	1,250,000	22,047,871
1994	8,533,160	634,196	7,898,965	450,000	-	450,000	7,448,965
1995	12,923,794	910,904	12,012,889	750,000	-	750,000	11,262,889
1996	11,559,470	797,021	10,762,449	600,000	-	600,000	10,162,449
1997	15,094,946	1,624,160	13,470,785	750,000	-	750,000	12,720,785
1998	26,132,191	2,006,630	24,125,562	1,650,000	-	1,650,000	22,475,562
1999	13,616,616	873,581	12,743,035	450,000	-	450,000	12,293,035
2000	7,366,072	589,907	6,776,164	300,000	-	300,000	6,476,164
2001	9,627,772	115,547	9,512,225	600,000	-	600,000	8,912,225
2002	20,869,046	840,587	20,028,459	1,650,000	40,034	1,690,034	18,338,425
2003	5,946,758	-	5,946,758	450,000	-	450,000	5,496,758
2004	6,697,646	-	6,697,646	600,000	-	600,000	6,097,646
2005	10,281,825	-	10,281,825	900,000	-	900,000	9,381,825
2006	12,003,689	-	12,003,689	1,050,000	-	1,050,000	10,953,689
2007	12,913,329	-	12,913,329	900,000	40,000	940,000	11,973,329
2008	8,151,387	-	8,151,387	750,000	40,034	790,034	7,361,353
2009	10,489,864	-	10,489,864	1,350,000	-	1,350,000	9,139,864
2010	3,869,633	-	3,869,633	450,000	-	450,000	3,419,633
2011	6,820,076	-	6,820,076	1,050,000	-	1,050,000	5,770,076
2012	4,550,584	-	4,550,584	750,000	-	750,000	3,800,584
2013	6,675,800	-	6,675,800	1,050,000	-	1,050,000	5,625,800
2014	7,529,941	-	7,529,941	1,200,000	-	1,200,000	6,329,941
2015	6,800,447	-	6,800,447	1,350,000	-	1,350,000	5,450,447
2016	1,410,403	-	1,410,403	300,000	40,034	340,034	1,070,369
2017	3,398,739	-	3,398,739	900,000	-	900,000	2,498,739
2018	4,728,346	-	4,728,346	1,200,000	-	1,200,000	3,528,346
2019	2,542,682	-	2,542,682	600,000	-	600,000	1,942,682
2020	22,378	-	22,378	-	-	-	22,378
2021	-	-	-	-	-	-	-
Totals:	318,190,264	13,065,266	305,124,998	25,800,000	250,102	26,050,102	279,074,897

Florida Birth Related Neurological Injury Compensation Association (NICA)
Summary of Case Outstanding Loss & ALAE - **Actual**
Evaluated As of June 30, 2021

Exhibit XI
Sheet 3

Case Outstanding Loss & ALAE @ 6/30/21

Birth Year	All Expense Categories	Class Action	All Expenses Excluding Class Action (2) - (3)	SB 1786			All Expenses Excluding Class Action & SB 1786 Used for Triangle (2) - (3) - (7)
				Parental Awards	Death Benefit	Total SB 1786 (5) + (6)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	11,815,952	-	11,815,952	-	690,000	690,000	11,125,952
1990	6,577,852	-	6,577,852	-	460,000	460,000	6,117,852
1991	17,194,792	-	17,194,792	300,000	400,000	700,000	16,494,792
1992	34,980,083	-	34,980,083	-	690,000	690,000	34,290,083
1993	26,937,984	-	26,937,984	-	670,000	670,000	26,267,984
1994	14,445,708	-	14,445,708	-	750,000	750,000	13,695,708
1995	22,598,457	-	22,598,457	-	550,000	550,000	22,048,457
1996	21,461,491	-	21,461,491	300,000	800,000	1,100,000	20,361,491
1997	32,115,893	-	32,115,893	450,000	840,000	1,290,000	30,825,893
1998	51,382,600	-	51,382,600	-	840,000	840,000	50,542,600
1999	14,384,795	-	14,384,795	-	850,010	850,010	13,534,785
2000	11,598,303	10,000	11,588,303	150,000	590,000	740,000	10,848,303
2001	21,964,825	-	21,964,825	-	610,000	610,000	21,354,825
2002	55,715,730	-	55,715,730	300,000	980,000	1,280,000	54,435,730
2003	11,931,831	-	11,931,831	-	420,000	420,000	11,511,831
2004	23,947,570	-	23,947,570	150,000	530,000	680,000	23,267,570
2005	26,983,041	-	26,983,041	150,000	590,000	740,000	26,243,041
2006	42,227,039	-	42,227,039	300,000	610,000	910,000	41,317,039
2007	29,184,794	-	29,184,794	150,000	550,000	700,000	28,484,794
2008	47,310,967	-	47,310,967	600,000	490,000	1,090,000	46,220,967
2009	55,125,267	-	55,125,267	150,000	780,000	930,000	54,195,267
2010	29,202,722	-	29,202,722	300,000	530,000	830,000	28,372,722
2011	47,337,986	-	47,337,986	450,000	660,000	1,110,000	46,227,986
2012	32,501,239	-	32,501,239	300,000	510,000	810,000	31,691,239
2013	25,718,605	-	25,718,605	-	510,000	510,000	25,208,605
2014	30,323,677	-	30,323,677	150,000	610,000	760,000	29,563,677
2015	60,363,830	-	60,363,830	900,000	970,000	1,870,000	58,493,830
2016	18,330,535	-	18,330,535	600,000	370,000	970,000	17,360,535
2017	37,525,076	-	37,525,076	900,000	680,000	1,580,000	35,945,076
2018	49,214,225	-	49,214,225	900,000	1,030,000	1,930,000	47,284,225
2019	37,174,014	-	37,174,014	600,000	500,000	1,100,000	36,074,014
2020	10,373,533	-	10,373,533	300,000	80,000	380,000	9,993,533
2021	-	-	-	-	-	-	-
Totals:	957,950,418	10,000	957,940,418	8,400,000	20,140,010	28,540,010	929,400,408

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 2019	Birth Year 2020	Birth Year 2021
-----	-----	-----	-----
(1)	(2)	(3)	(4)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality			
2021	1.04%	0.77%	0.34%
2022	1.85%	2.05%	1.53%
2023	1.73%	1.81%	2.03%
2024	1.70%	1.69%	1.79%
2025	1.42%	1.67%	1.68%
2026	1.32%	1.39%	1.65%
2027	1.20%	1.30%	1.38%
2028	1.18%	1.17%	1.28%
2029	1.34%	1.16%	1.16%
2030	1.67%	1.32%	1.14%
2031	1.45%	1.64%	1.30%
2032	1.37%	1.42%	1.62%
2033	1.51%	1.35%	1.41%
2034	1.70%	1.48%	1.33%
2035	1.41%	1.67%	1.46%
2036	1.44%	1.38%	1.65%
2037	1.42%	1.42%	1.37%
2038	1.43%	1.39%	1.40%
2039	1.38%	1.40%	1.38%
2040	1.67%	1.35%	1.38%
2041	1.53%	1.64%	1.34%
2042	1.64%	1.50%	1.62%
2043	1.73%	1.61%	1.49%
2044	1.68%	1.70%	1.59%
2045	1.69%	1.65%	1.68%
2046	1.72%	1.66%	1.63%
2047	1.58%	1.69%	1.64%
2048	1.63%	1.55%	1.67%
2049	1.48%	1.60%	1.53%
2050	2.18%	1.45%	1.58%
2051	2.17%	2.14%	1.43%
2052	2.11%	2.13%	2.11%
2053	2.06%	2.07%	2.11%
2054	2.00%	2.02%	2.05%
2055	1.97%	1.96%	2.00%
2056	1.91%	1.94%	1.94%
2057	1.88%	1.87%	1.91%
2058	1.79%	1.85%	1.85%
2059	1.72%	1.75%	1.83%
2060	1.66%	1.69%	1.73%
2061	1.60%	1.63%	1.67%
2062	1.60%	1.57%	1.61%
2063	1.56%	1.57%	1.56%
2064	1.51%	1.53%	1.55%
2065	1.44%	1.48%	1.51%
2066	1.39%	1.41%	1.47%
2067	1.38%	1.37%	1.40%
2068	1.33%	1.35%	1.35%
2069	1.29%	1.30%	1.34%
2070	1.25%	1.27%	1.29%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 2019	Birth Year 2020	Birth Year 2021
-----	-----	-----	-----
(1)	(2)	(3)	(4)

Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year
Future Payments Based on 2021 Level - After Mortality

2071	1.20%	1.23%	1.25%
2072	1.16%	1.18%	1.22%
2073	1.11%	1.14%	1.17%
2074	1.06%	1.09%	1.12%
2075	1.02%	1.04%	1.08%
2076	0.98%	1.00%	1.03%
2077	0.97%	0.96%	0.99%
2078	0.92%	0.95%	0.95%
2079	0.86%	0.90%	0.94%
2080	0.82%	0.85%	0.89%
2081	0.78%	0.81%	0.84%
2082	0.74%	0.76%	0.80%
2083	0.71%	0.73%	0.76%
2084	0.67%	0.70%	0.72%
2085	0.64%	0.66%	0.69%
2086	0.59%	0.63%	0.65%
2087	0.56%	0.58%	0.62%
2088	0.52%	0.55%	0.57%
2089	0.49%	0.51%	0.55%
2090	0.46%	0.48%	0.51%
2091	0.43%	0.45%	0.47%
2092	0.40%	0.42%	0.45%
2093	0.36%	0.39%	0.42%
2094	0.34%	0.36%	0.39%
2095	0.31%	0.33%	0.35%
2096	0.28%	0.31%	0.33%
2097	0.26%	0.27%	0.30%
2098	0.23%	0.26%	0.27%
2099	0.21%	0.23%	0.25%
2100	0.19%	0.21%	0.23%
2101	0.17%	0.18%	0.21%
2102	0.15%	0.17%	0.18%
2103	0.13%	0.15%	0.16%
2104	0.11%	0.13%	0.14%
2105	0.10%	0.11%	0.12%
2106	0.08%	0.10%	0.11%
2107	0.07%	0.08%	0.09%
2108	0.06%	0.07%	0.08%
2109	0.05%	0.06%	0.07%
2110	0.04%	0.05%	0.06%
2111	0.03%	0.04%	0.05%
2112	0.03%	0.03%	0.04%
2113	0.02%	0.02%	0.03%
2114	0.01%	0.02%	0.02%
2115	0.01%	0.01%	0.02%
2116	0.01%	0.01%	0.01%
2117	0.01%	0.01%	0.01%
2118	0.01%	0.01%	0.01%
2119	0.00%	0.01%	0.01%
2120	0.00%	0.00%	0.01%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Exhibit I

Sheet 2a

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 2009	Birth Year 2010	Birth Year 2011	Birth Year 2012	Birth Year 2013	Birth Year 2014	Birth Year 2015	Birth Year 2016	Birth Year 2017	Birth Year 2018
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality										
2021	1.35%	1.47%	1.90%	1.82%	0.66%	0.72%	0.76%	0.90%	0.90%	0.94%
2022	1.27%	0.70%	1.36%	1.17%	1.30%	1.31%	1.42%	1.50%	1.77%	1.76%
2023	2.44%	1.59%	2.21%	1.59%	1.48%	1.28%	1.29%	1.40%	1.47%	1.73%
2024	2.38%	1.57%	2.13%	1.55%	1.84%	1.46%	1.27%	1.27%	1.37%	1.45%
2025	2.59%	1.75%	2.39%	1.79%	1.60%	1.82%	1.44%	1.24%	1.24%	1.35%
2026	2.29%	1.54%	2.01%	1.49%	1.52%	1.58%	1.79%	1.42%	1.22%	1.22%
2027	3.11%	1.98%	2.77%	2.17%	1.67%	1.50%	1.56%	1.76%	1.39%	1.20%
2028	2.18%	1.50%	1.89%	1.43%	1.88%	1.65%	1.48%	1.53%	1.73%	1.37%
2029	2.15%	1.48%	1.84%	1.40%	1.56%	1.85%	1.62%	1.45%	1.51%	1.70%
2030	2.48%	1.77%	2.17%	1.75%	1.60%	1.54%	1.83%	1.60%	1.43%	1.48%
2031	2.57%	1.47%	1.73%	1.34%	1.57%	1.57%	1.51%	1.80%	1.57%	1.40%
2032	2.52%	1.98%	1.69%	1.32%	1.58%	1.55%	1.55%	1.49%	1.77%	1.54%
2033	2.45%	1.95%	2.02%	1.28%	1.52%	1.56%	1.52%	1.52%	1.46%	1.73%
2034	3.13%	2.34%	2.49%	2.49%	1.84%	1.50%	1.53%	1.50%	1.50%	1.43%
2035	2.57%	2.07%	2.17%	2.14%	1.69%	1.82%	1.48%	1.51%	1.47%	1.47%
2036	2.38%	1.86%	1.87%	1.87%	1.81%	1.67%	1.79%	1.46%	1.48%	1.45%
2037	2.32%	1.87%	1.82%	1.82%	1.92%	1.79%	1.64%	1.76%	1.43%	1.45%
2038	2.27%	1.85%	2.09%	1.77%	1.86%	1.89%	1.76%	1.62%	1.73%	1.40%
2039	2.20%	1.82%	2.03%	2.33%	1.87%	1.84%	1.86%	1.73%	1.59%	1.70%
2040	2.42%	2.02%	2.26%	2.57%	1.90%	1.84%	1.81%	1.83%	1.70%	1.56%
2041	2.70%	2.12%	2.22%	2.70%	1.75%	1.87%	1.81%	1.78%	1.80%	1.67%
2042	2.02%	1.73%	1.87%	2.17%	1.80%	1.72%	1.85%	1.78%	1.75%	1.77%
2043	1.97%	1.70%	1.83%	2.11%	1.64%	1.78%	1.70%	1.82%	1.75%	1.72%
2044	1.92%	1.84%	1.79%	2.07%	2.41%	1.61%	1.75%	1.67%	1.78%	1.72%
2045	2.02%	1.95%	1.93%	2.18%	2.40%	2.38%	1.59%	1.72%	1.64%	1.75%
2046	1.80%	1.78%	1.70%	1.96%	2.34%	2.37%	2.34%	1.56%	1.69%	1.61%
2047	1.76%	1.75%	1.66%	1.92%	2.28%	2.30%	2.33%	2.30%	1.53%	1.66%
2048	2.18%	2.02%	1.83%	2.24%	2.21%	2.25%	2.27%	2.29%	2.26%	1.51%
2049	1.64%	1.68%	1.57%	1.82%	2.18%	2.18%	2.22%	2.23%	2.25%	2.22%
2050	1.80%	1.85%	1.77%	2.00%	2.11%	2.15%	2.15%	2.18%	2.19%	2.21%
2051	1.54%	1.62%	1.50%	1.73%	2.08%	2.08%	2.12%	2.11%	2.14%	2.15%
2052	1.49%	1.59%	1.46%	1.68%	1.98%	2.05%	2.05%	2.08%	2.08%	2.10%
2053	1.45%	1.56%	1.42%	1.64%	1.90%	1.95%	2.02%	2.02%	2.05%	2.04%
2054	1.39%	1.68%	1.38%	1.59%	1.83%	1.88%	1.92%	1.99%	1.98%	2.01%
2055	1.83%	2.02%	1.64%	1.96%	1.77%	1.81%	1.85%	1.89%	1.95%	1.95%
2056	1.36%	1.61%	1.49%	1.51%	1.77%	1.75%	1.78%	1.82%	1.86%	1.92%
2057	1.31%	1.57%	1.45%	1.47%	1.73%	1.74%	1.72%	1.75%	1.79%	1.82%
2058	1.26%	1.54%	1.50%	1.42%	1.67%	1.70%	1.72%	1.70%	1.72%	1.76%
2059	1.22%	1.51%	1.46%	1.39%	1.59%	1.65%	1.68%	1.69%	1.67%	1.69%
2060	1.31%	1.62%	1.59%	1.60%	1.54%	1.57%	1.62%	1.65%	1.66%	1.63%
2061	1.12%	1.43%	1.38%	1.39%	1.52%	1.52%	1.55%	1.60%	1.62%	1.63%
2062	1.35%	1.61%	1.45%	1.56%	1.47%	1.50%	1.50%	1.52%	1.57%	1.59%
2063	1.03%	1.36%	1.29%	1.31%	1.43%	1.45%	1.48%	1.47%	1.49%	1.54%
2064	0.98%	1.33%	1.25%	1.26%	1.39%	1.41%	1.43%	1.46%	1.45%	1.47%
2065	1.01%	1.38%	1.31%	1.31%	1.33%	1.37%	1.39%	1.40%	1.43%	1.42%
2066	0.90%	1.25%	1.17%	1.18%	1.28%	1.31%	1.35%	1.36%	1.38%	1.40%
2067	0.85%	1.22%	1.13%	1.14%	1.23%	1.26%	1.29%	1.32%	1.34%	1.35%
2068	0.82%	1.18%	1.09%	1.10%	1.17%	1.21%	1.24%	1.27%	1.30%	1.31%
2069	0.96%	1.30%	1.12%	1.21%	1.13%	1.16%	1.19%	1.22%	1.25%	1.28%
2070	0.82%	1.22%	1.12%	1.13%	1.08%	1.11%	1.14%	1.17%	1.20%	1.23%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 2009	Birth Year 2010	Birth Year 2011	Birth Year 2012	Birth Year 2013	Birth Year 2014	Birth Year 2015	Birth Year 2016	Birth Year 2017	Birth Year 2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality										
2071	0.69%	1.07%	0.97%	0.98%	1.07%	1.07%	1.10%	1.12%	1.15%	1.18%
2072	0.65%	1.03%	0.92%	0.94%	1.02%	1.05%	1.05%	1.08%	1.10%	1.13%
2073	0.62%	0.99%	0.88%	0.90%	0.95%	1.00%	1.04%	1.03%	1.06%	1.08%
2074	0.58%	0.96%	0.84%	0.87%	0.91%	0.94%	0.99%	1.02%	1.02%	1.04%
2075	0.59%	0.98%	0.86%	0.88%	0.86%	0.90%	0.93%	0.97%	1.00%	1.00%
2076	0.62%	0.99%	0.80%	0.88%	0.82%	0.85%	0.88%	0.91%	0.96%	0.98%
2077	0.48%	0.84%	0.72%	0.75%	0.79%	0.81%	0.84%	0.87%	0.90%	0.94%
2078	0.45%	0.80%	0.68%	0.71%	0.74%	0.78%	0.80%	0.82%	0.85%	0.88%
2079	0.42%	0.77%	0.64%	0.68%	0.71%	0.73%	0.77%	0.79%	0.81%	0.84%
2080	0.43%	0.80%	0.67%	0.70%	0.65%	0.70%	0.72%	0.75%	0.77%	0.79%
2081	0.36%	0.69%	0.57%	0.60%	0.62%	0.64%	0.69%	0.71%	0.74%	0.76%
2082	0.33%	0.65%	0.53%	0.57%	0.58%	0.61%	0.63%	0.68%	0.70%	0.73%
2083	0.36%	0.68%	0.51%	0.58%	0.54%	0.57%	0.61%	0.62%	0.66%	0.69%
2084	0.28%	0.58%	0.46%	0.50%	0.51%	0.53%	0.56%	0.60%	0.61%	0.65%
2085	0.27%	0.58%	0.45%	0.49%	0.47%	0.50%	0.52%	0.55%	0.58%	0.60%
2086	0.24%	0.51%	0.39%	0.43%	0.44%	0.47%	0.50%	0.52%	0.54%	0.57%
2087	0.21%	0.48%	0.36%	0.40%	0.40%	0.44%	0.46%	0.49%	0.51%	0.53%
2088	0.19%	0.44%	0.32%	0.37%	0.37%	0.40%	0.43%	0.45%	0.48%	0.50%
2089	0.18%	0.41%	0.29%	0.34%	0.34%	0.37%	0.39%	0.42%	0.44%	0.47%
2090	0.20%	0.44%	0.30%	0.35%	0.31%	0.34%	0.36%	0.39%	0.42%	0.44%
2091	0.14%	0.34%	0.24%	0.28%	0.29%	0.30%	0.33%	0.36%	0.38%	0.41%
2092	0.13%	0.31%	0.21%	0.26%	0.26%	0.28%	0.30%	0.33%	0.35%	0.37%
2093	0.11%	0.28%	0.19%	0.23%	0.23%	0.25%	0.28%	0.29%	0.32%	0.34%
2094	0.10%	0.26%	0.16%	0.21%	0.21%	0.23%	0.25%	0.28%	0.29%	0.32%
2095	0.09%	0.24%	0.15%	0.19%	0.19%	0.20%	0.23%	0.25%	0.27%	0.28%
2096	0.07%	0.20%	0.12%	0.16%	0.16%	0.18%	0.20%	0.22%	0.24%	0.27%
2097	0.07%	0.19%	0.10%	0.15%	0.14%	0.16%	0.18%	0.20%	0.22%	0.24%
2098	0.05%	0.16%	0.09%	0.13%	0.12%	0.14%	0.16%	0.18%	0.19%	0.22%
2099	0.05%	0.14%	0.07%	0.11%	0.11%	0.12%	0.14%	0.16%	0.17%	0.19%
2100	0.04%	0.12%	0.06%	0.10%	0.09%	0.11%	0.12%	0.13%	0.15%	0.17%
2101	0.03%	0.10%	0.05%	0.08%	0.08%	0.09%	0.10%	0.12%	0.13%	0.15%
2102	0.03%	0.08%	0.04%	0.07%	0.07%	0.08%	0.09%	0.10%	0.12%	0.13%
2103	0.02%	0.07%	0.03%	0.06%	0.05%	0.06%	0.08%	0.09%	0.10%	0.11%
2104	0.02%	0.06%	0.02%	0.05%	0.04%	0.05%	0.06%	0.07%	0.09%	0.10%
2105	0.01%	0.05%	0.02%	0.04%	0.03%	0.04%	0.05%	0.06%	0.07%	0.08%
2106	0.01%	0.03%	0.01%	0.03%	0.03%	0.03%	0.04%	0.05%	0.06%	0.07%
2107	0.01%	0.03%	0.01%	0.02%	0.02%	0.03%	0.03%	0.04%	0.05%	0.06%
2108	0.02%	0.02%	0.01%	0.02%	0.02%	0.02%	0.03%	0.03%	0.04%	0.05%
2109	0.00%	0.05%	0.00%	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%	0.04%
2110	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%
2111	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%
2112	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.01%	0.02%	0.02%
2113	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.01%	0.02%
2114	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.01%
2115	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%
2116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%
2117	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%
2118	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2120	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Exhibit I

Sheet 3a

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 1999	Birth Year 2000	Birth Year 2001	Birth Year 2002	Birth Year 2003	Birth Year 2004	Birth Year 2005	Birth Year 2006	Birth Year 2007	Birth Year 2008
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality										
2021	1.67%	1.22%	1.96%	1.92%	2.41%	1.60%	2.21%	1.98%	2.22%	1.32%
2022	3.11%	2.05%	2.59%	2.31%	2.85%	1.66%	2.67%	1.87%	2.97%	1.32%
2023	3.49%	2.58%	2.80%	2.74%	4.22%	2.51%	2.76%	2.84%	3.62%	2.33%
2024	3.70%	4.16%	2.72%	3.52%	4.01%	2.43%	2.49%	2.75%	3.41%	2.28%
2025	3.57%	4.09%	2.94%	3.62%	4.95%	2.68%	2.38%	2.94%	3.66%	2.46%
2026	4.17%	3.74%	2.61%	3.29%	4.60%	2.90%	1.96%	2.74%	3.07%	2.19%
2027	5.27%	4.53%	3.86%	4.20%	5.79%	3.88%	3.53%	3.45%	4.21%	2.94%
2028	3.87%	3.35%	2.81%	3.14%	4.19%	2.76%	2.62%	2.92%	2.83%	2.10%
2029	3.75%	3.18%	2.75%	3.16%	4.02%	2.72%	2.41%	2.94%	2.80%	2.07%
2030	3.84%	3.27%	3.08%	3.36%	4.28%	3.05%	2.54%	3.16%	3.13%	2.53%
2031	3.47%	2.84%	2.59%	2.94%	3.68%	2.45%	2.13%	2.75%	2.52%	2.18%
2032	3.35%	2.69%	2.53%	2.87%	3.53%	2.41%	2.37%	2.67%	2.40%	2.14%
2033	3.20%	2.54%	2.44%	2.75%	3.33%	2.34%	2.18%	2.59%	2.27%	2.09%
2034	3.73%	2.97%	3.06%	3.35%	4.18%	3.19%	2.66%	3.04%	3.33%	2.48%
2035	2.96%	2.37%	2.55%	2.74%	3.26%	2.48%	2.18%	2.62%	2.63%	2.46%
2036	2.83%	2.15%	2.23%	2.49%	2.85%	2.18%	2.00%	2.35%	2.25%	2.22%
2037	2.71%	2.03%	2.52%	2.38%	2.70%	2.12%	2.08%	2.27%	2.15%	2.17%
2038	2.61%	1.93%	2.46%	2.31%	2.57%	2.08%	2.03%	2.34%	2.06%	2.13%
2039	2.48%	1.82%	2.38%	2.22%	2.41%	2.02%	1.96%	2.25%	1.96%	2.07%
2040	2.52%	1.87%	2.64%	2.37%	2.55%	2.29%	2.17%	2.40%	2.19%	2.27%
2041	2.75%	1.94%	2.56%	2.58%	2.84%	2.69%	2.31%	2.50%	2.43%	2.33%
2042	2.15%	1.54%	2.17%	1.97%	2.01%	1.86%	1.80%	2.03%	1.72%	1.93%
2043	2.05%	1.91%	2.10%	1.90%	1.89%	1.81%	1.75%	1.96%	1.65%	1.88%
2044	1.95%	1.83%	2.04%	1.85%	1.78%	1.78%	1.77%	1.89%	1.71%	1.84%
2045	1.85%	1.80%	2.15%	1.88%	1.78%	1.90%	1.76%	1.95%	1.82%	1.93%
2046	1.75%	1.68%	1.90%	1.69%	1.54%	1.67%	1.61%	1.75%	1.58%	1.74%
2047	1.66%	1.61%	1.84%	1.63%	1.44%	1.63%	1.58%	1.69%	1.52%	1.70%
2048	1.90%	1.69%	1.99%	1.86%	1.76%	2.20%	1.93%	1.91%	1.94%	1.93%
2049	1.47%	1.48%	1.70%	1.49%	1.24%	1.52%	1.49%	1.57%	1.40%	1.60%
2050	1.48%	1.51%	1.90%	1.59%	1.29%	1.74%	1.62%	1.66%	1.57%	1.75%
2051	1.30%	1.37%	1.58%	1.37%	1.05%	1.43%	1.41%	1.45%	1.30%	1.51%
2052	1.22%	1.32%	1.52%	1.31%	0.97%	1.38%	1.41%	1.39%	1.25%	1.47%
2053	1.14%	1.27%	1.46%	1.25%	0.89%	1.34%	1.51%	1.39%	1.20%	1.43%
2054	1.06%	1.22%	1.39%	1.19%	0.81%	1.47%	1.46%	1.33%	1.15%	1.38%
2055	1.20%	1.27%	1.62%	1.46%	1.03%	2.05%	1.78%	1.53%	1.61%	1.71%
2056	0.91%	1.14%	1.28%	1.15%	0.67%	1.38%	1.43%	1.23%	1.07%	1.53%
2057	0.84%	1.09%	1.22%	1.08%	0.60%	1.32%	1.34%	1.17%	1.03%	1.48%
2058	0.77%	1.06%	1.16%	1.03%	0.54%	1.27%	1.30%	1.12%	0.99%	1.43%
2059	0.71%	1.02%	1.11%	0.98%	0.48%	1.23%	1.27%	1.08%	0.95%	1.39%
2060	0.68%	1.04%	1.22%	1.03%	0.48%	1.35%	1.37%	1.12%	1.07%	1.48%
2061	0.59%	0.95%	1.00%	0.88%	0.37%	1.13%	1.18%	0.98%	0.88%	1.30%
2062	0.65%	0.93%	1.04%	0.95%	0.44%	1.45%	1.36%	1.05%	1.13%	1.42%
2063	0.48%	0.88%	0.89%	0.78%	0.28%	1.03%	1.11%	0.90%	0.81%	1.21%
2064	0.43%	0.85%	0.84%	0.74%	0.25%	0.98%	1.10%	0.85%	0.77%	1.16%
2065	0.39%	0.84%	0.88%	0.75%	0.23%	1.03%	1.09%	0.86%	0.83%	1.20%
2066	0.34%	0.79%	0.74%	0.65%	0.18%	0.89%	0.99%	0.77%	0.71%	1.08%
2067	0.30%	0.76%	0.69%	0.61%	0.15%	0.85%	0.95%	0.73%	0.68%	1.03%
2068	0.26%	0.73%	0.65%	0.58%	0.13%	0.81%	0.94%	0.70%	0.65%	0.99%
2069	0.28%	0.70%	0.65%	0.59%	0.14%	1.00%	1.02%	0.71%	0.83%	1.06%
2070	0.21%	0.70%	0.65%	0.55%	0.10%	0.82%	0.91%	0.68%	0.69%	1.00%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 1999	Birth Year 2000	Birth Year 2001	Birth Year 2002	Birth Year 2003	Birth Year 2004	Birth Year 2005	Birth Year 2006	Birth Year 2007	Birth Year 2008
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality										
2071	0.17%	0.64%	0.52%	0.47%	0.07%	0.67%	0.80%	0.59%	0.56%	0.86%
2072	0.14%	0.61%	0.47%	0.43%	0.05%	0.63%	0.78%	0.55%	0.53%	0.82%
2073	0.12%	0.58%	0.43%	0.40%	0.04%	0.58%	0.72%	0.52%	0.50%	0.78%
2074	0.10%	0.55%	0.40%	0.37%	0.03%	0.55%	0.68%	0.49%	0.47%	0.74%
2075	0.08%	0.53%	0.40%	0.36%	0.03%	0.55%	0.67%	0.48%	0.50%	0.74%
2076	0.08%	0.49%	0.34%	0.33%	0.02%	0.60%	0.71%	0.45%	0.57%	0.73%
2077	0.05%	0.46%	0.29%	0.29%	0.01%	0.43%	0.57%	0.40%	0.39%	0.62%
2078	0.04%	0.43%	0.26%	0.26%	0.01%	0.39%	0.53%	0.37%	0.37%	0.58%
2079	0.03%	0.40%	0.23%	0.24%	0.01%	0.35%	0.49%	0.35%	0.34%	0.54%
2080	0.03%	0.39%	0.24%	0.24%	0.01%	0.37%	0.51%	0.35%	0.38%	0.56%
2081	0.02%	0.34%	0.17%	0.20%	0.00%	0.29%	0.42%	0.30%	0.30%	0.47%
2082	0.01%	0.31%	0.15%	0.18%	0.00%	0.26%	0.39%	0.27%	0.27%	0.44%
2083	0.01%	0.28%	0.13%	0.16%	0.00%	0.29%	0.40%	0.26%	0.34%	0.44%
2084	0.01%	0.25%	0.11%	0.14%	0.00%	0.20%	0.33%	0.23%	0.23%	0.37%
2085	0.00%	0.23%	0.10%	0.13%	0.00%	0.19%	0.30%	0.22%	0.24%	0.36%
2086	0.00%	0.20%	0.07%	0.11%	0.00%	0.15%	0.26%	0.19%	0.19%	0.31%
2087	0.00%	0.18%	0.06%	0.10%	0.00%	0.13%	0.23%	0.17%	0.17%	0.28%
2088	0.00%	0.15%	0.05%	0.09%	0.00%	0.11%	0.21%	0.15%	0.15%	0.25%
2089	0.00%	0.13%	0.04%	0.08%	0.00%	0.09%	0.18%	0.13%	0.14%	0.22%
2090	0.00%	0.12%	0.03%	0.07%	0.00%	0.10%	0.18%	0.13%	0.19%	0.23%
2091	0.00%	0.09%	0.02%	0.06%	0.00%	0.07%	0.14%	0.10%	0.10%	0.17%
2092	0.00%	0.08%	0.02%	0.05%	0.00%	0.05%	0.12%	0.09%	0.09%	0.15%
2093	0.00%	0.06%	0.01%	0.04%	0.00%	0.04%	0.10%	0.08%	0.08%	0.13%
2094	0.00%	0.05%	0.01%	0.03%	0.00%	0.03%	0.08%	0.06%	0.07%	0.11%
2095	0.00%	0.04%	0.01%	0.03%	0.00%	0.03%	0.07%	0.06%	0.06%	0.10%
2096	0.00%	0.03%	0.00%	0.02%	0.00%	0.02%	0.06%	0.04%	0.04%	0.08%
2097	0.00%	0.02%	0.00%	0.02%	0.00%	0.02%	0.05%	0.04%	0.05%	0.07%
2098	0.00%	0.02%	0.00%	0.01%	0.00%	0.01%	0.04%	0.03%	0.03%	0.05%
2099	0.00%	0.05%	0.00%	0.01%	0.00%	0.01%	0.03%	0.02%	0.02%	0.04%
2100	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.02%	0.02%	0.02%	0.04%
2101	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.01%	0.01%	0.02%
2102	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.02%
2103	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%
2104	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.01%	0.01%
2105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%
2106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2107	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
2108	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2110	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2111	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2112	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2113	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2114	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2115	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2117	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2118	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2120	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Exhibit I

Sheet 4a

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 1989	Birth Year 1990	Birth Year 1991	Birth Year 1992	Birth Year 1993	Birth Year 1994	Birth Year 1995	Birth Year 1996	Birth Year 1997	Birth Year 1998
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality										
2021	2.09%	1.96%	2.09%	1.93%	2.95%	1.88%	1.84%	1.68%	1.73%	1.96%
2022	2.93%	3.77%	3.28%	2.81%	3.92%	2.07%	2.72%	2.46%	2.43%	2.76%
2023	3.17%	5.24%	3.36%	3.31%	4.11%	2.08%	3.25%	3.38%	2.94%	2.84%
2024	3.10%	5.01%	3.26%	3.29%	4.09%	2.08%	3.19%	3.12%	3.10%	2.76%
2025	3.30%	5.18%	3.65%	3.59%	4.03%	2.26%	3.28%	4.07%	3.26%	3.08%
2026	3.02%	4.66%	3.18%	3.13%	3.52%	2.05%	3.15%	3.74%	2.97%	2.82%
2027	4.62%	5.40%	4.51%	4.29%	4.03%	2.94%	4.28%	4.62%	3.85%	3.69%
2028	2.89%	4.25%	2.99%	3.02%	3.06%	1.99%	2.99%	3.34%	2.80%	2.68%
2029	3.03%	4.10%	3.02%	3.08%	2.88%	1.98%	2.93%	3.19%	2.74%	2.57%
2030	3.23%	4.35%	3.50%	3.54%	3.03%	2.21%	3.13%	3.53%	2.96%	2.73%
2031	2.88%	3.72%	2.98%	2.98%	2.58%	1.92%	2.78%	3.09%	2.60%	2.48%
2032	2.82%	3.57%	2.89%	2.98%	2.54%	1.91%	2.72%	2.96%	2.54%	2.48%
2033	2.74%	3.38%	2.79%	2.81%	2.41%	1.87%	2.64%	2.83%	2.46%	2.34%
2034	3.60%	3.93%	3.32%	3.31%	2.83%	2.69%	3.06%	3.48%	3.18%	3.00%
2035	2.80%	3.32%	2.89%	2.97%	2.40%	2.01%	2.66%	2.70%	2.52%	2.44%
2036	2.54%	2.90%	2.83%	2.74%	2.12%	1.79%	2.44%	2.50%	2.26%	2.30%
2037	2.47%	2.74%	2.73%	2.59%	2.04%	1.77%	2.38%	2.41%	2.19%	2.18%
2038	2.40%	2.61%	2.64%	2.51%	1.97%	1.75%	2.32%	2.32%	2.13%	2.13%
2039	2.33%	2.44%	2.54%	2.42%	1.89%	1.71%	2.25%	2.23%	2.06%	2.14%
2040	2.49%	2.58%	2.74%	2.73%	2.06%	1.92%	2.40%	2.34%	2.25%	2.37%
2041	2.95%	2.67%	2.57%	2.71%	2.18%	2.43%	2.50%	2.63%	2.58%	2.69%
2042	2.12%	2.02%	2.27%	2.16%	1.70%	1.63%	2.06%	1.99%	1.88%	2.01%
2043	2.05%	1.89%	2.18%	2.08%	1.65%	1.60%	2.00%	1.91%	1.82%	1.96%
2044	1.98%	1.77%	2.09%	2.06%	1.60%	1.59%	1.95%	1.84%	1.76%	1.96%
2045	2.07%	1.77%	2.18%	2.12%	1.80%	1.70%	1.99%	1.83%	2.11%	1.94%
2046	1.84%	1.51%	1.91%	1.83%	1.60%	1.52%	1.82%	1.70%	1.89%	1.80%
2047	1.78%	1.40%	1.83%	1.76%	1.56%	1.80%	1.77%	1.64%	1.83%	1.76%
2048	2.29%	1.59%	1.88%	2.05%	1.83%	2.10%	1.97%	1.98%	2.11%	2.17%
2049	1.63%	1.17%	1.65%	1.59%	1.46%	1.72%	1.65%	1.51%	1.71%	1.65%
2050	1.75%	1.22%	1.75%	1.74%	1.60%	1.88%	1.75%	1.58%	1.84%	1.75%
2051	1.50%	0.97%	1.49%	1.44%	1.37%	1.64%	1.53%	1.39%	1.59%	1.55%
2052	1.43%	0.88%	1.41%	1.41%	1.32%	2.05%	1.47%	1.33%	1.53%	1.54%
2053	1.36%	0.80%	1.33%	1.29%	1.28%	2.01%	1.42%	1.27%	1.48%	1.46%
2054	1.29%	0.71%	1.25%	1.22%	1.23%	1.95%	1.36%	1.21%	1.42%	1.40%
2055	1.77%	0.85%	1.36%	1.48%	1.54%	2.30%	1.55%	1.48%	1.73%	1.75%
2056	1.16%	0.56%	1.10%	1.12%	1.15%	1.85%	1.25%	1.10%	1.31%	1.35%
2057	1.09%	0.49%	1.03%	1.01%	1.10%	1.79%	1.19%	1.05%	1.25%	1.25%
2058	1.03%	0.42%	0.96%	0.95%	1.06%	1.73%	1.13%	1.00%	1.19%	1.20%
2059	0.97%	0.37%	0.89%	0.88%	1.02%	1.68%	1.08%	0.95%	1.14%	1.16%
2060	1.02%	0.36%	0.91%	0.96%	1.10%	1.75%	1.11%	0.97%	1.22%	1.24%
2061	0.84%	0.27%	0.76%	0.76%	0.93%	1.56%	0.97%	0.84%	1.04%	1.06%
2062	1.06%	0.29%	0.75%	0.82%	1.07%	1.74%	1.03%	0.98%	1.15%	1.27%
2063	0.72%	0.19%	0.64%	0.65%	0.85%	1.44%	0.86%	0.75%	0.93%	0.96%
2064	0.66%	0.15%	0.58%	0.62%	0.81%	1.38%	0.81%	0.70%	0.88%	0.95%
2065	0.68%	0.14%	0.57%	0.60%	0.83%	1.40%	0.79%	0.67%	0.92%	0.91%
2066	0.55%	0.10%	0.48%	0.50%	0.72%	1.26%	0.70%	0.61%	0.79%	0.82%
2067	0.50%	0.08%	0.43%	0.46%	0.68%	1.19%	0.65%	0.56%	0.74%	0.78%
2068	0.45%	0.06%	0.38%	0.43%	0.64%	1.14%	0.60%	0.52%	0.69%	0.76%
2069	0.56%	0.07%	0.36%	0.42%	0.70%	1.24%	0.61%	0.58%	0.75%	0.86%
2070	0.42%	0.04%	0.33%	0.38%	0.62%	1.08%	0.55%	0.47%	0.68%	0.69%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2021 Level Basis (a)

Calendar Year	Birth Year 1989	Birth Year 1990	Birth Year 1991	Birth Year 1992	Birth Year 1993	Birth Year 1994	Birth Year 1995	Birth Year 1996	Birth Year 1997	Birth Year 1998
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year Future Payments Based on 2021 Level - After Mortality										
2071	0.32%	0.03%	0.26%	0.30%	0.51%	0.95%	0.46%	0.40%	0.56%	0.60%
2072	0.28%	0.02%	0.22%	0.28%	0.47%	0.88%	0.42%	0.36%	0.51%	0.57%
2073	0.24%	0.01%	0.19%	0.24%	0.43%	0.82%	0.37%	0.32%	0.47%	0.51%
2074	0.21%	0.01%	0.16%	0.21%	0.40%	0.76%	0.34%	0.29%	0.43%	0.47%
2075	0.20%	0.01%	0.14%	0.20%	0.39%	0.73%	0.31%	0.26%	0.44%	0.45%
2076	0.21%	0.01%	0.11%	0.19%	0.37%	0.74%	0.28%	0.27%	0.41%	0.50%
2077	0.12%	0.00%	0.09%	0.15%	0.29%	0.58%	0.23%	0.19%	0.32%	0.35%
2078	0.10%	0.00%	0.07%	0.13%	0.26%	0.52%	0.20%	0.17%	0.29%	0.32%
2079	0.08%	0.00%	0.06%	0.11%	0.23%	0.47%	0.17%	0.14%	0.25%	0.28%
2080	0.07%	0.00%	0.05%	0.11%	0.22%	0.44%	0.15%	0.13%	0.25%	0.28%
2081	0.05%	0.00%	0.03%	0.08%	0.17%	0.36%	0.12%	0.10%	0.19%	0.22%
2082	0.04%	0.00%	0.02%	0.07%	0.15%	0.32%	0.10%	0.08%	0.17%	0.19%
2083	0.04%	0.00%	0.02%	0.06%	0.14%	0.32%	0.08%	0.07%	0.16%	0.20%
2084	0.02%	0.00%	0.01%	0.05%	0.10%	0.23%	0.06%	0.05%	0.12%	0.14%
2085	0.02%	0.00%	0.01%	0.05%	0.09%	0.20%	0.05%	0.04%	0.11%	0.12%
2086	0.01%	0.00%	0.00%	0.04%	0.07%	0.16%	0.04%	0.03%	0.08%	0.09%
2087	0.01%	0.00%	0.00%	0.03%	0.06%	0.13%	0.03%	0.02%	0.07%	0.07%
2088	0.02%	0.00%	0.00%	0.03%	0.04%	0.10%	0.02%	0.02%	0.05%	0.06%
2089	0.00%	0.00%	0.00%	0.02%	0.04%	0.08%	0.01%	0.01%	0.04%	0.05%
2090	0.00%	0.00%	0.00%	0.02%	0.03%	0.07%	0.01%	0.01%	0.04%	0.05%
2091	0.00%	0.00%	0.00%	0.07%	0.02%	0.05%	0.01%	0.01%	0.02%	0.03%
2092	0.00%	0.00%	0.00%	0.00%	0.06%	0.03%	0.00%	0.00%	0.02%	0.02%
2093	0.00%	0.00%	0.00%	0.00%	0.00%	0.08%	0.00%	0.00%	0.01%	0.01%
2094	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
2095	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
2096	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
2097	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
2098	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2099	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2102	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2103	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2104	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2107	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2108	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2110	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2111	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2112	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2113	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2114	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2115	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2117	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2118	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2119	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2120	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2021 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996 - Estimated Remaining Payment (Reserves)

Estimated Loss & Expense Payments - 2021 Level - After Consideration of Mortality

Claim Number	207	220	242	253	335	361		Annual
Date of Birth	06/26/96	08/06/96	12/31/96	09/17/96	02/25/96	07/13/96		Basis
Life Expectancy @ 12/31/20	34.50	32.13	14.17	4.52	8.85	25.92		Percent
Sex	M	M	M	M	F	F	Totals	of Total
	-----	-----	-----	-----	-----	-----	-----	By Year
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Attained Age	Incremental Payments By Claim By Year - 2021 Level - After Mortality (a)							
25	128,481	143,016	66,331	39,535	165,211	132,444	675,017	3.31%
26	117,209	141,073	62,938	12,234	125,184	33,812	492,450	2.41%
27	118,709	144,853	62,862	134,716	123,527	92,630	677,298	3.32%
28	117,266	140,490	58,106	108,297	111,339	90,106	625,605	3.07%
29	192,164	138,464	181,669	86,775	107,459	110,434	816,965	4.01%
30	189,723	136,881	172,841	69,270	94,267	86,450	749,432	3.68%
31	187,257	197,709	209,514	70,045	118,928	143,731	927,184	4.55%
32	184,765	132,284	152,401	43,081	75,644	81,945	670,120	3.29%
33	182,248	130,629	144,376	33,752	67,808	80,327	639,140	3.13%
34	185,870	140,418	140,242	26,686	69,427	144,773	707,416	3.47%
35	177,139	125,957	126,169	20,182	53,593	115,966	619,006	3.04%
36	174,547	124,233	118,964	15,485	47,656	113,284	594,168	2.91%
37	171,928	121,658	110,344	11,742	42,005	109,862	567,539	2.78%
38	169,283	175,816	133,252	11,324	52,147	156,578	698,400	3.42%
39	166,612	117,689	96,522	6,628	33,558	121,416	542,424	2.66%
40	163,915	115,088	89,031	4,900	28,461	100,796	502,191	2.46%
41	161,190	112,865	82,557	3,596	24,822	97,799	482,829	2.37%
42	158,434	110,997	76,948	2,617	21,627	95,129	465,753	2.28%
43	155,647	108,364	70,507	1,876	18,657	91,841	446,893	2.19%
44	158,068	116,299	67,649	1,358	18,512	108,099	469,985	2.30%
45	149,966	153,053	77,610	1,196	19,453	126,240	527,518	2.59%
46	147,068	101,447	54,566	644	11,757	83,000	398,481	1.95%
47	144,128	99,091	49,795	438	9,978	80,079	383,508	1.88%
48	141,144	97,033	45,618	293	8,445	77,428	369,961	1.81%
49	138,111	94,294	41,030	192	7,269	86,631	367,527	1.80%
50	135,029	91,850	37,024	124	5,885	71,397	341,308	1.67%
51	131,894	89,674	33,510	78	4,884	68,760	328,800	1.61%
52	128,706	127,816	38,515	61	5,634	96,274	397,006	1.95%
53	125,463	84,321	26,469	28	3,259	62,856	302,396	1.48%
54	126,356	89,895	24,585	17	3,041	73,234	317,128	1.56%
55	118,813	79,140	20,614	9	2,109	57,270	277,955	1.36%
56	115,404	76,503	18,027	5	1,673	54,517	266,129	1.31%
57	111,938	74,083	15,775	3	1,318	51,965	255,081	1.25%
58	108,417	71,136	13,505	1	1,020	49,099	243,179	1.19%
59	104,843	100,667	14,964	1	1,125	75,790	297,390	1.46%
60	101,218	65,886	9,882	0	594	43,960	221,540	1.09%
61	97,543	62,895	8,252	0	442	41,228	210,360	1.03%
62	93,819	60,106	6,874	0	325	38,684	199,808	0.98%
63	90,046	57,491	5,707	0	235	36,308	189,788	0.93%
64	89,184	59,721	4,808	0	192	41,040	194,944	0.96%
65	82,361	51,638	3,709	0	116	31,356	169,180	0.83%
66	78,456	71,963	3,828	0	111	42,644	197,002	0.97%
67	74,519	45,950	2,295	0	52	26,766	149,582	0.73%
68	70,564	43,117	1,762	0	34	24,574	140,050	0.69%
69	66,604	40,442	1,339	0	22	26,268	134,676	0.66%
70	62,653	37,529	985	0	13	20,424	121,603	0.60%
71	58,718	34,791	714	-	8	18,473	112,704	0.55%
72	54,806	32,207	510	-	4	16,665	104,193	0.51%
73	50,927	43,349	452	-	3	21,749	116,481	0.57%
74	48,706	29,471	244	-	1	16,009	94,432	0.46%
Subtotals:	6,307,858	4,841,339	2,786,194	707,189	1,488,835	3,668,110	19,799,525	97.09%

Note: (a) Product of estimated payments (2021 level) shown on Appendix A, Exhibit II, Sheets 3a and 3b and survival probabilities shown on Appendix A, Exhibit II, Sheets 2a and 2b.

Summary of Estimated Payment Patterns - Loss & Expense

Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996 - Estimated Remaining Payment (Reserves)

Estimated Loss & Expense Payments - 2021 Level - After Consideration of Mortality

Claim Number	207	220	242	253	335	361		
Date of Birth	06/26/96	08/06/96	12/31/96	09/17/96	02/25/96	07/13/96		Percent
Life Expectancy @ 12/31/20	34.50	32.13	14.17	4.52	8.85	25.92		of Total
Sex	M	M	M	M	F	F	Totals	By Year
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Incremental Payments By Claim By Year - 2021 Level - After Mortality (a)								
75	43,310	24,457	153	-	1	11,625	79,546	0.39%
76	39,601	21,950	95	-	0	10,111	71,757	0.35%
77	35,980	19,618	57	-	0	8,739	64,395	0.32%
78	32,467	17,452	33	-	0	7,499	57,452	0.28%
79	29,083	15,288	18	-	0	7,369	51,758	0.25%
80	25,844	19,585	12	-	0	7,728	53,169	0.26%
81	22,767	11,508	4	-	0	4,351	38,630	0.19%
82	19,867	9,772	2	-	0	3,508	33,149	0.16%
83	17,157	8,224	1	-	0	2,786	28,168	0.14%
84	15,154	7,509	0	-	0	2,643	25,306	0.12%
85	12,358	5,587	0	-	-	1,646	19,591	0.10%
86	10,285	4,498	0	-	-	1,217	16,001	0.08%
87	8,436	5,249	0	-	-	1,283	14,967	0.07%
88	6,809	2,762	0	-	-	606	10,176	0.05%
89	5,401	2,098	0	-	-	471	7,970	0.04%
90	4,203	1,563	0	-	-	259	6,025	0.03%
91	3,204	1,127	-	-	-	156	4,488	0.02%
92	2,387	794	-	-	-	89	3,270	0.02%
93	1,735	544	-	-	-	48	2,327	0.01%
94	1,270	561	-	-	-	40	1,870	0.01%
95	843	228	-	-	-	11	1,081	0.01%
96	561	140	-	-	-	4	705	0.00%
97	361	81	-	-	-	2	444	0.00%
98	224	46	-	-	-	0	270	0.00%
99	133	24	-	-	-	0	158	0.00%
100	76	12	-	-	-	0	88	0.00%
101	43	9	-	-	-	0	52	0.00%
102	25	3	-	-	-	0	28	0.00%
103	14	2	-	-	-	0	16	0.00%
104	8	1	-	-	-	0	9	0.00%
105	5	0	-	-	-	0	5	0.00%
106	3	0	-	-	-	0	3	0.00%
107	1	0	-	-	-	0	2	0.00%
108	1	0	-	-	-	0	1	0.00%
109	0	0	-	-	-	0	0	0.00%
110	0	0	-	-	-	0	0	0.00%
111	0	0	-	-	-	0	0	0.00%
112	0	0	-	-	-	0	0	0.00%
113	0	0	-	-	-	0	0	0.00%
114	0	0	-	-	-	0	0	0.00%
115	0	0	-	-	-	0	0	0.00%
116	0	0	-	-	-	0	0	0.00%
117	0	0	-	-	-	0	0	0.00%
118	0	0	-	-	-	0	0	0.00%
119	0	0	-	-	-	0	0	0.00%
120	0	0	-	-	-	0	0	0.00%
121	0	0	-	-	-	0	0	0.00%
122	0	0	-	-	-	0	0	0.00%
123	0	0	-	-	-	0	0	0.00%
124	0	0	-	-	-	0	0	0.00%
Subtotals:	339,616	180,691	375	-	1	72,193	592,877	2.91%
Totals All:	6,647,474	5,022,030	2,786,569	707,189	1,488,836	3,740,304	#####	100.00%

Note: (a) Product of estimated payments (2021 level) shown on Appendix A, Exhibit II, Sheets 3a and 3b and survival probabilities shown on Appendix A, Exhibit II, Sheets 2a and 2b.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996

Probability of Survival - Assuming Attained Age 24

Claim Number	207	220	242	253	335	361
Date of Birth	06/26/96	08/06/96	12/31/96	09/17/96	02/25/96	07/13/96
Life Expectancy @ 12/31/20	34.50	32.13	14.17	4.52	8.85	25.92
Sex	M	M	M	M	F	F
	-----	-----	-----	-----	-----	-----
	(2)	(3)	(4)	(5)	(6)	(7)

Attained Age

25	0.98851	0.98666	0.94975	0.81609	0.90922	0.97889
26	0.97695	0.97325	0.90117	0.66332	0.82518	0.95784
27	0.96532	0.95979	0.85422	0.53683	0.74749	0.93687
28	0.95359	0.94624	0.80883	0.43242	0.67578	0.91597
29	0.94175	0.93260	0.76491	0.34648	0.60968	0.89513
30	0.92979	0.91884	0.72242	0.27603	0.54885	0.87436
31	0.91770	0.90496	0.68134	0.21858	0.49296	0.85365
32	0.90549	0.89097	0.64168	0.17202	0.44170	0.83301
33	0.89315	0.87687	0.60344	0.13450	0.39480	0.81244
34	0.88069	0.86266	0.56663	0.10447	0.35197	0.79194
35	0.86812	0.84835	0.53123	0.08058	0.31295	0.77152
36	0.85541	0.83393	0.49723	0.06170	0.27747	0.75118
37	0.84258	0.81940	0.46460	0.04688	0.24528	0.73091
38	0.82962	0.80475	0.43333	0.03534	0.21615	0.71072
39	0.81652	0.79000	0.40343	0.02641	0.18986	0.69062
40	0.80331	0.77515	0.37486	0.01957	0.16619	0.67060
41	0.78995	0.76018	0.34760	0.01436	0.14494	0.65066
42	0.77645	0.74509	0.32162	0.01043	0.12592	0.63080
43	0.76279	0.72986	0.29687	0.00749	0.10895	0.61102
44	0.74896	0.71449	0.27332	0.00532	0.09385	0.59133
45	0.73495	0.69896	0.25096	0.00373	0.08047	0.57172
46	0.72074	0.68327	0.22975	0.00257	0.06865	0.55220
47	0.70634	0.66740	0.20966	0.00175	0.05826	0.53276
48	0.69171	0.65135	0.19067	0.00117	0.04917	0.51342
49	0.67685	0.63510	0.17275	0.00077	0.04124	0.49416
50	0.66174	0.61863	0.15589	0.00049	0.03436	0.47500
51	0.64638	0.60195	0.14006	0.00031	0.02844	0.45595
52	0.63076	0.58505	0.12525	0.00019	0.02335	0.43700
53	0.61486	0.56792	0.11145	0.00011	0.01903	0.41818
54	0.59870	0.55058	0.09863	0.00007	0.01538	0.39951
55	0.58227	0.53303	0.08680	0.00004	0.01232	0.38102
56	0.56557	0.51527	0.07590	0.00002	0.00977	0.36270
57	0.54858	0.49729	0.06593	0.00001	0.00767	0.34458
58	0.53133	0.47912	0.05686	0.00001	0.00596	0.32666
59	0.51381	0.46078	0.04866	0.00000	0.00457	0.30896
60	0.49605	0.44227	0.04130	0.00000	0.00346	0.29149
61	0.47804	0.42362	0.03474	0.00000	0.00258	0.27429
62	0.45978	0.40483	0.02894	0.00000	0.00190	0.25737
63	0.44130	0.38592	0.02385	0.00000	0.00137	0.24076
64	0.42257	0.36690	0.01943	0.00000	0.00097	0.22450
65	0.40363	0.34780	0.01562	0.00000	0.00068	0.20861
66	0.38449	0.32864	0.01238	0.00000	0.00046	0.19313
67	0.36520	0.30948	0.00966	0.00000	0.00031	0.17807
68	0.34582	0.29040	0.00742	0.00000	0.00020	0.16349
69	0.32641	0.27148	0.00560	0.00000	0.00012	0.14941
70	0.30705	0.25277	0.00415	0.00000	0.00008	0.13588
71	0.28776	0.23433	0.00301	0.00000	0.00004	0.12290
72	0.26859	0.21619	0.00213	0.00000	0.00003	0.11051
73	0.24958	0.19842	0.00147	0.00000	0.00001	0.09872
74	0.23078	0.18106	0.00099	0.00000	0.00001	0.08757

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996

Probability of Survival - Assuming Attained Age 24

Claim Number	207	220	242	253	335	361
Date of Birth	06/26/96	08/06/96	12/31/96	09/17/96	02/25/96	07/13/96
Life Expectancy @ 12/31/20	34.50	32.13	14.17	4.52	8.85	25.92
Sex	M	M	M	M	F	F
	-----	-----	-----	-----	-----	-----
	(2)	(3)	(4)	(5)	(6)	(7)

Attained Age

75	0.21225	0.16417	0.00064	0.00000	0.00000	0.07708
76	0.19407	0.14784	0.00040	0.00000	0.00000	0.06727
77	0.17633	0.13214	0.00024	0.00000	0.00000	0.05814
78	0.15912	0.11715	0.00014	0.00000	0.00000	0.04973
79	0.14253	0.10297	0.00007	0.00000	0.00000	0.04204
80	0.12666	0.08965	0.00004	0.00000	0.00000	0.03508
81	0.11157	0.07725	0.00002	0.00000	0.00000	0.02885
82	0.09736	0.06582	0.00001	0.00000	0.00000	0.02334
83	0.08408	0.05539	0.00000	0.00000	0.00000	0.01854
84	0.07180	0.04599	0.00000	0.00000	0.00000	0.01442
85	0.06056	0.03763	0.00000	0.00000	0.00000	0.01095
86	0.05041	0.03030	0.00000	0.00000	0.00000	0.00810
87	0.04134	0.02397	0.00000	0.00000	0.00000	0.00581
88	0.03337	0.01860	0.00000	0.00000	0.00000	0.00403
89	0.02647	0.01413	0.00000	0.00000	0.00000	0.00269
90	0.02060	0.01049	0.00000	0.00000	0.00000	0.00171
91	0.01570	0.00759	0.00000	0.00000	0.00000	0.00104
92	0.01170	0.00535	0.00000	0.00000	0.00000	0.00060
93	0.00850	0.00365	0.00000	0.00000	0.00000	0.00032
94	0.00602	0.00241	0.00000	0.00000	0.00000	0.00016
95	0.00413	0.00153	0.00000	0.00000	0.00000	0.00007
96	0.00275	0.00094	0.00000	0.00000	0.00000	0.00003
97	0.00177	0.00055	0.00000	0.00000	0.00000	0.00001
98	0.00110	0.00031	0.00000	0.00000	0.00000	0.00000
99	0.00065	0.00016	0.00000	0.00000	0.00000	0.00000
100	0.00037	0.00008	0.00000	0.00000	0.00000	0.00000
101	0.00021	0.00004	0.00000	0.00000	0.00000	0.00000
102	0.00012	0.00002	0.00000	0.00000	0.00000	0.00000
103	0.00007	0.00001	0.00000	0.00000	0.00000	0.00000
104	0.00004	0.00001	0.00000	0.00000	0.00000	0.00000
105	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000
106	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
107	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
108	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
109	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
110	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
111	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
112	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
113	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
114	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
115	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
116	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
117	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
118	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
119	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
120	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
121	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
122	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
123	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
124	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996

Estimated Loss & Expense Payments - 2021 Level - Before Consideration of Mortality

Claim Number	207	220	242	253	335	361		
Date of Birth	06/26/96	08/06/96	12/31/96	09/17/96	02/25/96	07/13/96		
Life Expectancy @ 12/31/20	34.50	32.13	14.17	4.52	8.85	25.92		Percent of Total
Sex	M	M	M	M	F	F	Totals	By Year
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Attained Age	Incremental Payments By Claim By Year - 2021 Level - Before Mortality - @ 12/31/20							
25	129,974	144,950	69,840	48,444	181,706	135,300	710,214	0.59%
26	119,974	144,950	69,840	18,444	151,706	35,300	540,214	0.45%
27	122,974	150,922	73,590	250,948	165,256	98,872	862,562	0.72%
28	122,974	148,472	71,840	250,448	164,756	98,372	856,862	0.71%
29	204,050	148,472	237,504	250,448	176,254	123,372	1,140,100	0.95%
30	204,050	148,972	239,254	250,948	171,754	98,872	1,113,850	0.92%
31	204,050	218,472	307,504	320,448	241,254	168,372	1,460,100	1.21%
32	204,050	148,472	237,504	250,448	171,254	98,372	1,110,100	0.92%
33	204,050	148,972	239,254	250,948	171,754	98,872	1,113,850	0.92%
34	211,050	162,772	247,504	255,448	197,254	182,808	1,256,836	1.04%
35	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
36	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
37	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
38	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
39	204,050	148,972	239,254	250,948	176,754	175,808	1,195,786	0.99%
40	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
41	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
42	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
43	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
44	211,050	162,772	247,504	255,448	197,254	182,808	1,256,836	1.04%
45	204,050	218,972	309,254	320,948	241,754	220,808	1,515,786	1.26%
46	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
47	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
48	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
49	204,050	148,472	237,504	250,448	176,254	175,308	1,192,036	0.99%
50	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
51	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
52	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
53	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
54	211,050	163,272	249,254	255,948	197,754	183,308	1,260,586	1.05%
55	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
56	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
57	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
58	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
59	204,050	218,472	307,504	320,448	246,254	245,308	1,542,036	1.28%
60	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
61	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
62	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
63	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
64	211,050	162,772	247,504	255,448	197,254	182,808	1,256,836	1.04%
65	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
66	204,050	218,972	309,254	320,948	241,754	220,808	1,515,786	1.26%
67	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
68	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
69	204,050	148,972	239,254	250,948	176,754	175,808	1,195,786	0.99%
70	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
71	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
72	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
73	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
74	211,050	162,772	247,504	255,448	197,254	182,808	1,256,836	1.04%
Subtotals:	9,917,196	7,988,006	11,776,544	12,611,392	9,193,608	7,807,332	59,294,078	49.19%

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996

Estimated Loss & Expense Payments - 2021 Level - Before Consideration of Mortality

Claim Number	207	220	242	253	335	361		
Date of Birth	06/26/96	08/06/96	12/31/96	09/17/96	02/25/96	07/13/96		
Life Expectancy @ 12/31/20	34.50	32.13	14.17	4.52	8.85	25.92		
Sex	M	M	M	M	F	F	Totals	Percent of Total By Year
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Attained Age	Incremental Payments By Claim By Year - 2021 Level - Before Mortality - @ 12/31/20							
75	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
76	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
77	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
78	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
79	204,050	148,472	237,504	250,448	176,254	175,308	1,192,036	0.99%
80	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
81	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
82	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
83	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
84	211,050	163,272	249,254	255,948	197,754	183,308	1,260,586	1.05%
85	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
86	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
87	204,050	218,972	309,254	320,948	241,754	220,808	1,515,786	1.26%
88	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
89	204,050	148,472	237,504	250,448	176,254	175,308	1,192,036	0.99%
90	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
91	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
92	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
93	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
94	211,050	232,772	317,504	325,448	267,254	252,808	1,606,836	1.33%
95	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
96	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
97	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
98	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
99	204,050	148,972	239,254	250,948	176,754	175,808	1,195,786	0.99%
100	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
101	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
102	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
103	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
104	211,050	162,772	247,504	255,448	197,254	182,808	1,256,836	1.04%
105	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
106	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
107	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
108	204,050	218,972	309,254	320,948	241,754	220,808	1,515,786	1.26%
109	204,050	148,472	237,504	250,448	176,254	175,308	1,192,036	0.99%
110	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
111	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
112	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
113	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
114	211,050	163,272	249,254	255,948	197,754	183,308	1,260,586	1.05%
115	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
116	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
117	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
118	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
119	204,050	148,472	237,504	250,448	176,254	175,308	1,192,036	0.99%
120	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
121	204,050	148,472	237,504	250,448	171,254	150,308	1,162,036	0.96%
122	204,050	218,472	307,504	320,448	241,254	220,308	1,512,036	1.25%
123	204,050	148,972	239,254	250,948	171,754	150,808	1,165,786	0.97%
124	211,050	162,772	247,504	255,448	197,254	182,808	1,256,836	1.04%
Subtotals:	10,237,500	7,993,600	12,444,950	13,045,900	9,216,200	8,301,400	61,239,550	50.81%
Totals All:	20,154,696	15,981,606	24,221,494	25,657,292	18,409,808	16,108,732	120,533,628	100.00%

Expense Group	Accident Year 1/1 - 12/31 2020	Estimated Accident Year 1/1 - 12/31 2021
----- (1)	----- (2)	----- (3)

Incremental Payments By Major Expense Groups

Legal Expense	558,235	558,235
Parental Award	1,770,994	1,770,994
Medical Expense	819,276	819,276
Nursing Care - By Parents & Family Care	12,592,188	12,592,188
Nursing Care - By Others	2,628,778	2,628,778
Custodial	18,520	18,520
Other	2,535,829	2,535,829
Totals:	20,923,820	20,923,820

Case Outstanding By Major Expense Groups

Legal Expense	-	-
Parental Award	1,448,921	1,448,921
Medical Expense	70,200,856	70,200,856
Nursing Care - By Parents & Family Care	220,966,848	220,966,848
Nursing Care - By Others	324,229,465	324,229,465
Custodial	153,186,764	153,186,764
Other	113,876,881	113,876,881
Totals:	883,909,735	883,909,735

Percentage by Expense Group - Based on Incremental Payments

Legal Expense	2.67%	2.67%
Parental Award	8.46%	8.46%
Medical Expense	3.92%	3.92%
Nursing Care - By Parents & Family Care	60.18%	60.18%
Nursing Care - By Others	12.56%	12.56%
Custodial	0.09%	0.09%
Other	12.12%	12.12%

Percentage by Expense Group - Based on Case Outstanding

Legal Expense	0.00%	0.00%
Parental Award	0.16%	0.16%
Medical Expense	7.94%	7.94%
Nursing Care - By Parents & Family Care	25.00%	25.00%
Nursing Care - By Others	36.68%	36.68%
Custodial	17.33%	17.33%
Other	12.88%	12.88%

Estimated Inflation By Component - Paid Basis

Legal Expense (a)	3.72%	3.72%
Parental Award (b)	0.00%	0.00%
Medical Expense (c)	1.78%	1.12%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%
Custodial (f)	0.00%	0.00%
Other (g)	1.36%	2.53%

Estimated Inflation By Component - Outstanding Basis

Legal Expense (a)	3.72%	3.72%
Parental Award (b)	0.00%	0.00%
Medical Expense (h)	1.07%	0.67%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%
Custodial (f)	0.00%	0.00%
Other (h)	0.82%	1.52%

Combined (i)		
Estimated Inflation - Paid Basis	0.33%	0.44%
Estimated Inflation - O/S Basis	0.19%	0.25%

Note: See Appendix B, Exhibit I, Sheet 5 for footnotes.

Expense Group	Accident Year 1/1 - 12/31 2010	Accident Year 1/1 - 12/31 2011	Accident Year 1/1 - 12/31 2012	Accident Year 1/1 - 12/31 2013	Accident Year 1/1 - 12/31 2014	Accident Year 1/1 - 12/31 2015	Accident Year 1/1 - 12/31 2016	Accident Year 1/1 - 12/31 2017	Accident Year 1/1 - 12/31 2018	Accident Year 1/1 - 12/31 2019
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Incremental Payments By Major Expense Groups										
Legal Expense	N/A	1,348,962	1,472,264	1,046,543	1,232,427	668,653	484,569	584,838	452,621	388,516
Parental Award	N/A	1,772,862	854,442	1,254,414	1,404,094	1,186,749	1,254,253	1,365,273	1,175,718	1,397,419
Medical Expense	N/A	795,785	792,882	845,548	967,563	974,935	967,347	939,392	855,074	843,539
Nursing Care - By Parents & Family Care	N/A	5,533,089	5,409,777	6,505,561	7,530,367	8,620,254	9,627,298	10,349,737	10,333,679	10,495,652
Nursing Care - By Others	N/A	2,555,000	3,010,739	2,668,850	2,444,120	2,416,880	2,418,489	1,972,943	2,081,185	2,340,801
Custodial	N/A	19,113	98,021	73,571	172,325	30,724	50,965	130,563	19,006	30,864
Other	N/A	2,305,512	1,339,156	1,717,202	1,761,129	1,925,764	1,627,714	2,218,698	2,673,017	2,245,369
Totals:		14,330,324	12,977,280	14,111,688	15,512,025	15,823,958	16,430,635	17,561,445	17,590,302	17,742,160
Case Outstanding By Major Expense Groups										
Legal Expense	1,659,638	2,385,144	836,323	660,811	228,321	88,453	168,803	-	-	-
Parental Award	589,640	605,992	353,242	603,806	515,023	812,964	558,710	552,204	517,333	822,969
Medical Expense	45,291,470	53,134,220	51,818,777	52,678,076	54,293,469	56,178,917	53,776,781	54,909,282	57,610,440	60,583,611
Nursing Care - By Parents & Family Care	82,024,515	85,104,653	130,484,827	122,444,207	138,840,113	154,500,907	160,582,139	167,831,990	178,828,226	190,001,780
Nursing Care - By Others	283,976,757	319,886,113	285,088,770	292,576,532	284,914,056	284,634,842	278,707,710	282,636,036	289,452,886	298,361,042
Custodial	56,034,080	60,833,849	118,024,732	117,392,957	132,525,811	134,228,759	151,741,811	138,361,013	146,219,982	151,117,953
Other	68,822,838	77,191,310	75,879,069	76,658,051	78,245,243	82,827,705	80,001,953	83,707,417	86,008,001	89,694,784
Totals:	538,398,938	599,141,281	662,485,739	663,014,440	689,562,035	713,272,547	725,537,907	727,997,942	758,636,868	790,582,139
Percentage by Expense Group - Based on Incremental Payments										
Legal Expense	10.75%	9.41%	11.34%	7.42%	7.94%	4.23%	2.95%	3.33%	2.57%	2.19%
Parental Award	13.53%	12.37%	6.58%	8.89%	9.05%	7.50%	7.63%	7.77%	6.68%	7.88%
Medical Expense	5.60%	5.55%	6.11%	5.99%	6.24%	6.16%	5.89%	5.35%	4.86%	4.75%
Nursing Care - By Parents & Family Care	36.63%	38.61%	41.69%	46.10%	48.55%	54.48%	58.59%	58.93%	58.75%	59.16%
Nursing Care - By Others	18.92%	17.83%	23.20%	18.91%	15.76%	15.27%	14.72%	11.23%	11.83%	13.19%
Custodial	0.15%	0.13%	0.76%	0.52%	1.11%	0.19%	0.31%	0.74%	0.11%	0.17%
Other	14.41%	16.09%	10.32%	12.17%	11.35%	12.17%	9.91%	12.63%	15.20%	12.66%
Percentage by Expense Group - Based on Case Outstanding										
Legal Expense	0.31%	0.40%	0.13%	0.10%	0.03%	0.01%	0.02%	0.00%	0.00%	0.00%
Parental Award	0.11%	0.10%	0.05%	0.09%	0.07%	0.11%	0.08%	0.08%	0.07%	0.10%
Medical Expense	8.41%	8.87%	7.82%	7.95%	7.87%	7.88%	7.41%	7.54%	7.59%	7.66%
Nursing Care - By Parents & Family Care	15.23%	14.20%	19.70%	18.47%	20.13%	21.66%	22.13%	23.05%	23.57%	24.03%
Nursing Care - By Others	52.74%	53.39%	43.03%	44.13%	41.32%	39.91%	38.41%	38.82%	38.15%	37.74%
Custodial	10.41%	10.15%	17.82%	17.71%	19.22%	18.82%	20.91%	19.01%	19.27%	19.11%
Other	12.78%	12.88%	11.45%	11.56%	11.35%	11.61%	11.03%	11.50%	11.34%	11.35%
Estimated Inflation By Component - Paid Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (c)	3.28%	3.49%	3.21%	2.01%	2.96%	2.58%	4.07%	1.78%	2.01%	4.57%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.99%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other (g)	1.50%	2.96%	1.74%	1.50%	0.76%	0.73%	2.07%	2.11%	1.91%	2.29%
Estimated Inflation By Component - Outstanding Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (h)	1.97%	2.09%	1.93%	1.21%	1.77%	1.55%	2.44%	1.07%	1.21%	2.74%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	95.00%	3.00%	0.00%	0.00%	4.50%	0.00%	0.00%	3.50%
Other (h)	0.90%	1.78%	1.04%	0.90%	0.45%	0.44%	1.24%	1.27%	1.15%	1.37%
Combined (i)										
Estimated Inflation - Paid Basis	0.78%	1.00%	0.78%	0.57%	0.55%	0.40%	0.69%	0.59%	0.48%	0.57%
Estimated Inflation - O/S Basis	0.29%	0.42%	9.83%	0.72%	0.19%	0.17%	2.01%	0.22%	0.22%	1.01%

Note: See Appendix B, Exhibit I, Sheet 5 for footnotes.

Expense Group	Accident Year 1/1 - 12/31 2000	Accident Year 1/1 - 12/31 2001	Accident Year 1/1 - 12/31 2002	Accident Year 1/1 - 12/31 2003	Accident Year 1/1 - 12/31 2004	Accident Year 1/1 - 12/31 2005	Accident Year 1/1 - 12/31 2006	Accident Year 1/1 - 12/31 2007	Accident Year 1/1 - 12/31 2008	Accident Year 1/1 - 12/31 2009
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Incremental Payments By Major Expense Groups										
Legal Expense	547,451	789,578	768,406	699,574	753,238	761,521	768,799	911,182	1,117,819	1,251,650
Parental Award	1,684,863	1,569,503	1,380,762	1,448,569	1,266,247	987,149	1,088,568	1,483,153	1,621,648	1,521,430
Medical Expense	324,050	361,786	316,867	379,945	477,673	486,436	414,019	438,949	502,243	584,938
Nursing Care - By Parents & Family Care	77,850	107,770	265,098	500,284	664,698	959,815	1,287,167	1,455,477	2,280,726	3,586,973
Nursing Care - By Others	1,661,676	1,774,150	1,570,635	1,664,923	1,767,678	2,126,820	2,368,333	2,187,588	2,022,477	2,072,130
Custodial	47,053	14,388	7,179	13,490	29,407	19,776	20,370	38,594	29,076	18,070
Other	406,846	640,781	809,365	834,009	1,296,472	1,401,403	1,083,585	1,177,848	1,338,828	1,317,625
Totals:	4,749,789	5,257,955	5,118,312	5,540,794	6,255,412	6,742,920	7,030,842	7,692,791	8,912,818	10,352,817
Case Outstanding By Major Expense Groups										
Legal Expense									739,159	1,016,335
Parental Award									311,440	371,029
Medical Expense									28,168,684	31,284,580
Nursing Care - By Parents & Family Care									51,105,085	61,522,465
Nursing Care - By Others									229,063,637	247,156,314
Custodial									64,170,720	55,975,200
Other									52,596,208	58,056,740
Totals:									426,154,933	455,382,663
Percentage by Expense Group - Based on Incremental Payments										
Legal Expense	11.53%	15.02%	15.01%	12.63%	12.04%	11.29%	10.93%	11.84%	12.54%	12.09%
Parental Award	35.47%	29.85%	26.98%	26.14%	20.24%	14.64%	15.48%	19.28%	18.19%	14.70%
Medical Expense	6.82%	6.88%	6.19%	6.86%	7.64%	7.21%	5.89%	5.71%	5.64%	5.65%
Nursing Care - By Parents & Family Care	1.64%	2.05%	5.18%	9.03%	10.63%	14.23%	18.31%	18.92%	25.59%	34.65%
Nursing Care - By Others	34.98%	33.74%	30.69%	30.05%	28.26%	31.54%	33.68%	28.44%	22.69%	20.02%
Custodial	0.99%	0.27%	0.14%	0.24%	0.47%	0.29%	0.29%	0.50%	0.33%	0.17%
Other	8.57%	12.19%	15.81%	15.05%	20.73%	20.78%	15.41%	15.31%	15.02%	12.73%
Percentage by Expense Group - Based on Case Outstanding										
Legal Expense	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.22%
Parental Award	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.08%
Medical Expense	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.87%
Nursing Care - By Parents & Family Care	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	13.51%
Nursing Care - By Others	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	54.27%
Custodial	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	12.29%
Other	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.75%
Estimated Inflation By Component - Paid Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (c)	4.17%	4.72%	5.05%	3.71%	4.24%	4.29%	3.56%	5.16%	2.65%	3.37%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.32%	21.46%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other (g)	3.39%	1.55%	2.38%	1.88%	3.26%	3.42%	2.54%	4.08%	0.09%	2.72%
Estimated Inflation By Component - Outstanding Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (h)	2.50%	2.83%	3.03%	2.22%	2.54%	2.57%	2.14%	3.10%	1.59%	2.02%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	54.64%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	40.00%	3.00%	40.00%	0.00%	0.00%	0.00%
Other (h)	2.03%	0.93%	1.43%	1.13%	1.95%	2.05%	1.52%	2.45%	0.05%	1.63%
Combined (i)										
Estimated Inflation - Paid Basis	0.98%	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%	7.62%
Estimated Inflation - O/S Basis	0.42%	0.30%	0.38%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%	0.35%

Note: See Appendix B, Exhibit I, Sheet 5 for footnotes.

Expense Group	Accident Year 1/1 - 12/31 1990	Accident Year 1/1 - 12/31 1991	Accident Year 1/1 - 12/31 1992	Accident Year 1/1 - 12/31 1993	Accident Year 1/1 - 12/31 1994	Accident Year 1/1 - 12/31 1995	Accident Year 1/1 - 12/31 1996	Accident Year 1/1 - 12/31 1997	Accident Year 1/1 - 12/31 1998	Accident Year 1/1 - 12/31 1999
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Incremental Payments By Major Expense Groups										
Legal Expense	N/A	192,899	361,181	423,066	495,111	611,088	566,488	466,635	535,583	489,006
Parental Award	N/A	574,493	682,393	568,464	1,034,652	1,775,690	1,305,192	1,065,584	1,452,768	1,556,838
Medical Expense	N/A	111,200	100,481	114,259	120,146	140,970	170,987	187,374	326,563	335,203
Nursing Care - By Parents & Family Care	N/A	125,469	104,966	46,536	18,312	42,905	60,030	39,920	87,805	84,323
Nursing Care - By Others	N/A	47,350	80,085	109,144	135,969	265,078	505,495	769,201	974,683	1,123,079
Custodial	N/A	19,122	77,831	107,096	93,591	93,012	100,527	121,690	136,171	103,378
Other	N/A	43,241	73,598	73,204	69,438	118,678	179,756	257,990	317,394	357,161
Totals:		1,113,775	1,480,534	1,441,768	1,967,220	3,047,422	2,888,475	2,908,394	3,830,965	4,048,988
Case Outstanding By Major Expense Groups										
Legal Expense										
Parental Award										
Medical Expense										
Nursing Care - By Parents & Family Care										
Nursing Care - By Others										
Custodial										
Other										
Totals:										
Percentage by Expense Group - Based on Incremental Payments										
Legal Expense	17.32%	17.32%	24.40%	29.34%	25.17%	20.05%	19.61%	16.04%	13.98%	12.08%
Parental Award	51.58%	51.58%	46.09%	39.43%	52.59%	58.27%	45.19%	36.64%	37.92%	38.45%
Medical Expense	9.98%	9.98%	6.79%	7.92%	6.11%	4.63%	5.92%	6.44%	8.52%	8.28%
Nursing Care - By Parents & Family Care	11.27%	11.27%	7.09%	3.23%	0.93%	1.41%	2.08%	1.37%	2.29%	2.08%
Nursing Care - By Others	4.25%	4.25%	5.41%	7.57%	6.91%	8.70%	17.50%	26.45%	25.44%	27.74%
Custodial	1.72%	1.72%	5.26%	7.43%	4.76%	3.05%	3.48%	4.18%	3.55%	2.55%
Other	3.88%	3.88%	4.97%	5.08%	3.53%	3.89%	6.22%	8.87%	8.28%	8.82%
Percentage by Expense Group - Based on Case Outstanding										
Legal Expense	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%
Parental Award	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%
Medical Expense	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%
Nursing Care - By Parents & Family Care	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%
Nursing Care - By Others	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%
Custodial	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%
Other	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%
Estimated Inflation By Component - Paid Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (c)	9.59%	7.92%	6.63%	5.39%	4.92%	3.95%	3.04%	2.82%	3.42%	3.67%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other (g)	6.11%	3.06%	2.90%	2.75%	2.67%	2.54%	3.32%	1.70%	1.61%	2.68%
Estimated Inflation By Component - Outstanding Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (h)	5.75%	4.75%	3.98%	3.24%	2.95%	2.37%	1.82%	1.69%	2.05%	2.20%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other (h)	3.66%	1.84%	1.74%	1.65%	1.60%	1.52%	1.99%	1.02%	0.97%	1.61%
Combined (i)										
Estimated Inflation - Paid Basis	1.75%	1.49%	1.46%	1.62%	1.30%	1.00%	1.09%	0.91%	0.92%	0.97%
Estimated Inflation - O/S Basis	0.81%	0.53%	0.47%	0.42%	0.39%	0.35%	0.37%	0.24%	0.26%	0.35%

Note: See Appendix B, Exhibit I, Sheet 5 for footnotes.

Footnotes for Appendix B, Exhibit I, Sheets 1 to 4

- Notes: (a) Increase in legal fees based on change in hourly rate from \$ 75 to \$ 150 over the period from 1989 to 2008 - assumed annual inflation of 3.72 %
- (b) The parental award amounts have not changed.
- (c) The estimated inflation rate by year for all payments related to medical items is based on the CPI - Medical Care Index.
- (d) The hourly rates for nursing care by parents have remained constant until June 2008 - the estimated change for 2008 and 2009 are developed assuming the increase in hourly rate from \$9.70 to \$15.00 occurred for paid losses before and after July 1, 2008. This change in hourly rate for nursing care by parents resulted in inflation rates of 27.32% ($\$12.35 / \9.70) and 21.46% ($\$15.00 / \12.35) for 2008 and 2009, respectively for paid basis. It resulted in an inflation rate of 54.64% ($\$15.00 / \9.70) for case outstanding basis in 2008.
- (e) The hourly rate for LPN under nursing care by others have increased from \$24.45 to \$25.40 effective 7/1/2016.
- (f) The daily rates used to estimate the future cost of custodial residential care were revised in December 2004, 2005, 2006, 2012, 2013, 2016, and 2019. These changes in the custodial residential care daily rate resulted in the estimated inflation rates of 40%, 3%, 40%, 95%, 3%, 4.5%, and 3.5% for 2004, 2005, 2006, 2012, 2013, 2016, & 2019, respectively. This inflation change affects outstanding only.
- (g) Inflation related to all other payments is based on All Items CPI Index - Seasonally Adjusted.
- (h) The estimated inflation related to case outstanding (Medical and Other) is based on 60 % of CPI since a portion of the outstanding reserve estimate has not changed.
- (i) Weighted average of inverse of one plus the estimated inflation by component and the percent by component (paid and outstanding separately).

Total Returns															Difference Between Average Returns				
Year	CPI All Items	CPI All Items % Change	CPI Medical Index % Chg	5 Year Avg % Chg	Large Company Stocks	Small Company Stocks	Long-Term Govt. Bonds	Inter. Term - Gov't Bonds	U.S. Treasury Bills	Corporate Bonds (Aaa Moody's)	Merrill Lynch US Corporate 15+ Yr	Model Portfolio	Conservative Model Portfolio	Annual NICA Return on Investment	Medical v 5 Yr Avg CPI (4) - (5)	Model v 5 Yr Avg CPI (13) - (5)	Model v CPI (13) - (3)	Conservative Model v CPI (14) - (3)	NICA v CPI (15) - (3)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1926	17.70				11.62%	0.30%	7.77%	5.39%	3.30%	4.73%		7.89%	6.20%						
1927	17.30	-2.26%			37.49%	22.03%	8.93%	4.52%	3.10%	4.57%		19.04%	14.61%				21.30%	16.87%	
1928	17.10	-1.16%			43.61%	39.71%	0.10%	0.92%	3.57%	4.55%		21.01%	15.07%				22.17%	16.22%	
1929	17.20	0.58%			-8.42%	-51.35%	3.42%	6.01%	4.71%	4.73%		-0.80%	-7.40%				-1.39%	-7.98%	
1930	16.10	-6.40%			-24.90%	-38.10%	4.66%	6.71%	2.42%	4.55%		-7.98%	-7.49%				-1.58%	-1.10%	
1931	14.60	-9.32%		-3.71%	-43.34%	-49.71%	-5.31%	-2.32%	1.10%	4.58%		-17.89%	-18.52%			-14.18%	-8.57%	-9.20%	
1932	13.10	-10.27%		-5.31%	-8.19%	-5.41%	16.84%	8.81%	0.92%	5.01%		-0.04%	5.36%			5.27%	10.23%	15.63%	
1933	13.20	0.76%		-4.93%	53.99%	142.45%	-0.07%	1.83%	0.33%	4.49%		25.74%	34.92%			30.67%	24.97%	34.16%	
1934	13.40	1.52%		-4.74%	-1.44%	24.24%	10.03%	9.00%	0.17%	4.00%		2.61%	9.71%			7.35%	1.09%	8.19%	
1935	13.80	2.99%		-2.87%	47.67%	40.24%	4.98%	7.01%	0.16%	3.60%		23.67%	18.99%			26.54%	20.69%	16.00%	
1936	14.00	1.45%		-0.71%	33.92%	64.73%	7.52%	3.06%	0.16%	3.24%		16.70%	20.45%			17.41%	15.25%	19.00%	
1937	14.40	2.86%	0.98%	1.91%	-35.03%	-58.01%	0.23%	1.56%	0.33%	3.26%		-13.93%	-15.73%			-15.84%	-16.78%	-18.59%	
1938	14.00	-2.78%	0.00%	1.21%	-11.59%	-9.06%	5.53%	6.23%	0.00%	3.19%		16.09%	14.72%		-1.21%	14.88%	18.87%	17.50%	
1939	14.00	0.00%	0.97%	0.90%	-0.41%	0.32%	5.94%	4.52%	0.00%	3.01%		1.81%	3.12%		0.07%	0.90%	1.81%	3.12%	
1940	14.10	0.71%	0.00%	0.45%	-9.78%	-5.14%	6.09%	2.96%	0.00%	2.84%		-2.69%	0.10%		-0.45%	-3.14%	-3.40%	-0.61%	
1941	15.50	9.93%	0.96%	2.14%	-11.59%	-9.06%	0.93%	0.50%	0.08%	2.77%		-4.00%	-3.18%		-1.18%	-6.15%	-13.93%	-13.11%	
1942	16.90	9.03%	3.81%	3.38%	20.34%	44.59%	3.22%	1.94%	0.25%	2.83%		10.35%	12.92%		0.43%	6.98%	1.32%	3.89%	
1943	17.40	2.96%	4.59%	4.53%	25.90%	88.40%	2.09%	2.81%	0.33%	2.73%		12.94%	21.49%		0.06%	8.41%	9.98%	18.53%	
1944	17.80	2.30%	2.63%	4.99%	19.75%	53.70%	2.81%	1.80%	0.33%	2.72%		10.03%	14.25%		-2.36%	5.04%	7.73%	11.95%	
1945	18.20	2.25%	2.56%	5.29%	36.44%	73.62%	10.73%	2.22%	0.32%	2.62%		17.42%	23.16%		-2.73%	12.13%	15.17%	20.91%	
1946	21.50	18.13%	8.33%	6.93%	-8.07%	-11.63%	-0.10%	1.00%	0.40%	2.53%		-2.44%	-3.16%		1.40%	-9.37%	-20.57%	-21.29%	
1947	23.40	8.84%	6.92%	6.89%	5.71%	0.91%	-2.62%	0.91%	0.48%	2.61%		3.63%	0.67%		0.03%	-3.26%	-5.20%	-8.17%	
1948	24.10	2.99%	5.76%	6.90%	5.50%	-2.10%	3.40%	1.85%	0.80%	2.82%		3.80%	2.21%		-1.15%	-3.10%	0.81%	-0.78%	
1949	23.60	-2.07%	1.36%	6.03%	18.79%	19.74%	6.45%	2.32%	1.11%	2.66%		9.69%	9.43%		-4.67%	3.66%	11.76%	11.50%	
1950	25.00	5.93%	3.36%	6.76%	31.71%	38.74%	0.06%	0.70%	1.18%	2.62%		15.04%	12.62%		-3.41%	8.27%	9.10%	6.68%	
1951	26.50	6.00%	5.84%	4.34%	24.02%	7.81%	-3.93%	0.36%	1.48%	2.86%		11.67%	4.57%		1.51%	7.33%	5.67%	-1.43%	
1952	26.70	0.75%	4.29%	2.72%	18.37%	3.03%	1.16%	1.63%	1.68%	2.96%		9.47%	4.67%		1.57%	6.75%	8.72%	3.91%	
1953	26.90	0.75%	3.53%	2.27%	-0.99%	-6.48%	3.64%	3.23%	1.81%	3.20%		1.36%	0.84%		1.26%	-0.91%	0.61%	0.10%	
1954	26.70	-0.74%	2.27%	2.54%	52.62%	60.58%	7.19%	2.68%	0.89%	2.90%		24.73%	22.82%		-0.27%	22.19%	25.48%	23.56%	
1955	26.80	0.37%	3.33%	1.43%	31.56%	20.44%	-1.29%	-0.65%	1.54%	3.05%		14.86%	8.60%		1.91%	13.43%	14.48%	8.22%	
1956	27.60	2.99%	3.23%	0.82%	6.56%	4.28%	-5.59%	-0.42%	2.45%	3.36%		4.01%	0.22%		2.40%	3.19%	1.03%	-2.77%	
1957	28.40	2.90%	4.69%	1.25%	-10.78%	-14.57%	7.46%	7.84%	3.17%	3.89%		-1.78%	0.31%		3.43%	-3.03%	-4.68%	-2.59%	
1958	28.90	1.76%	4.48%	1.46%	43.36%	64.89%	-6.09%	-1.29%	1.50%	3.79%		20.18%	16.80%		3.02%	18.73%	18.42%	15.04%	
1959	29.40	1.73%	3.81%	1.95%	11.96%	16.40%	-2.26%	-0.39%	2.96%	4.38%		6.76%	4.32%		1.86%	4.81%	5.03%	2.59%	
1960	29.80	1.36%	3.21%	2.15%	0.47%	-3.29%	13.78%	11.76%	2.68%	4.41%		4.15%	7.30%		1.06%	2.00%	2.79%	5.94%	
1961	30.00	0.67%	3.11%	1.68%	26.89%	32.09%	0.97%	1.85%	2.10%	4.35%		13.77%	11.27%		1.43%	12.08%	13.10%	10.60%	
1962	30.40	1.33%	2.16%	1.37%	-8.73%	-11.90%	6.89%	5.56%	2.74%	4.33%		-1.17%	0.26%		0.78%	-2.54%	-2.51%	-1.07%	
1963	30.90	1.64%	2.53%	1.35%	22.80%	23.57%	1.21%	1.64%	3.16%	4.26%		11.89%	9.13%		1.18%	10.55%	10.25%	7.48%	
1964	31.20	0.97%	2.06%	1.20%	16.48%	23.52%	3.51%	4.04%	3.53%	4.41%		9.65%	9.44%		0.86%	8.45%	8.67%	8.47%	
1965	31.80	1.92%	2.82%	1.31%	12.45%	41.75%	0.71%	1.02%	3.92%	4.49%		7.30%	10.20%		1.51%	5.99%	5.38%	8.28%	
1966	32.90	3.46%	6.67%	1.87%	-10.06%	-7.01%	3.65%	4.69%	4.76%	5.13%		-1.64%	-0.25%		4.80%	-3.51%	-5.10%	-3.71%	
1967	33.90	3.04%	6.25%	2.21%	23.98%	83.57%	-9.18%	1.01%	4.23%	5.51%		12.74%	16.58%		4.04%	10.53%	9.70%	13.54%	
1968	35.50	4.72%	6.23%	2.82%	11.06%	35.97%	-0.26%	4.54%	5.21%	6.18%		8.00%	9.77%		3.41%	5.17%	3.28%	5.05%	
1969	37.70	6.20%	6.19%	3.87%	-8.50%	-25.05%	-5.07%	-0.74%	6.57%	7.03%		-1.36%	-7.29%		2.32%	-5.23%	-7.55%	-13.48%	
1970	39.80	5.57%	7.36%	4.60%	3.86%	-17.43%	12.11%	16.86%	6.52%	8.04%		7.96%	6.64%		2.76%	3.37%	2.39%	1.07%	
1971	41.10	3.27%	4.57%	4.56%	14.30%	13.23%	8.72%	4.40%	4.40%	7.39%		10.70%	12.20%		0.01%	6.14%	7.43%	8.93%	
1972	42.50	3.41%	3.28%	4.63%	18.99%	4.43%	5.69%	5.16%	3.82%	7.21%		11.98%	7.54%		-1.35%	7.35%	8.58%	4.14%	
1973	46.20	8.71%	5.29%	5.43%	-14.69%	-30.90%	-1.11%	4.61%	6.92%	7.44%		-2.86%	-6.58%		-0.14%	-8.29%	-11.57%	-15.29%	
1974	51.90	12.34%	12.56%	6.66%	-26.47%	-19.95%	4.35%	5.69%	8.03%	8.57%		-7.43%	-4.71%		5.91%	-14.08%	-19.76%	-17.05%	
1975	55.50	6.94%	9.82%	6.93%	37.23%	52.82%	9.20%	7.83%	5.79%	8.83%		21.12%	21.16%		2.89%	14.19%	14.19%	14.22%	
1976	58.20	4.86%	9.96%	7.25%	23.93%	57.38%	16.75%	12.87%	5.06%	8.43%		16.14%	23.37%		2.71%	8.89%	11.27%	18.50%	
1977	62.10	6.70%	8.87%	7.91%	-7.16%	25.38%	-0.69%	1.41%	5.12%	8.02%		0.02%	3.66%		0.96%	-7.89%	-6.68%	-3.04%	
1978	67.70	9.02%	8.83%	7.97%	6.57%	23.46%	-1.18%	3.49%	7.19%	8.73%		6.73%	6.31%		0.86%	-1.24%	-2.29%	-2.71%	
1979	76.70	13.29%	10.14%	8.16%	18.61%	43.46%	-1.23%	4.09%	10.37%	9.63%		12.47%	12.24%		1.98%	4.31%	-0.82%	-1.06%	

Total Returns															Difference Between Average Returns					
	CPI	CPI	CPI	5 Year	Large	Small		Inter.	U.S.	Corporate	Merrill Lynch		Conservative	Annual		Model v	Model v	Model v	Conservative	NICA v
	All Items	All Items	Medical	Avg % Chg	Company	Company	Long-Term	Term - Gov't	Treasury	Bonds	US Corporate	Model	Model	Return on	Medical v	Model v	Model v	Model v	Model v	
Year	All Items	% Change	Index % Chg	CPI All Items	Stocks	Stocks	Govt. Bonds	Bonds	Bills	(Aaa Moody's)	15+ Yr	Portfolio	Portfolio	Investment	5 Yr Avg CPI (4) - (5)	5 Yr Avg CPI (13) - (5)	v CPI (13) - (3)	v CPI (14) - (3)	v CPI (15) - (3)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
1980	86.30	12.52%	9.92%	9.28%	32.50%	39.88%	-3.95%	3.91%	11.24%	11.94%		19.38%	13.22%		0.64%	10.10%	6.86%		0.70%	
1981	94.00	8.92%	12.50%	10.09%	-4.92%	13.88%	1.86%	9.45%	14.70%	14.17%		4.83%	5.70%		2.41%	-5.26%	-4.10%		-3.23%	
1982	97.60	3.83%	11.00%	9.52%	21.55%	28.01%	40.36%	29.10%	10.54%	13.79%		20.27%	30.04%		1.48%	10.75%	16.44%		26.21%	
1983	101.30	3.79%	6.40%	8.47%	22.56%	39.67%	0.65%	7.41%	8.81%	12.04%		15.74%	13.75%		-2.07%	7.27%	11.95%		9.96%	
1984	105.30	3.95%	6.11%	6.60%	6.27%	-6.67%	15.48%	14.02%	9.85%	12.71%		10.14%	9.27%		-0.49%	3.54%	6.19%		5.32%	
1985	109.30	3.80%	6.76%	4.86%	31.73%	24.66%	30.97%	20.33%	7.72%	11.37%		22.12%	25.64%		1.91%	17.26%	18.32%		21.85%	
1986	110.50	1.10%	7.71%	3.29%	18.67%	6.85%	24.53%	15.14%	6.16%	9.02%		14.49%	16.68%		4.41%	11.20%	13.39%		15.58%	
1987	115.40	4.43%	5.80%	3.41%	5.25%	-9.30%	-2.71%	2.90%	5.47%	9.38%		6.27%	-0.38%		2.39%	2.85%	1.83%		-4.81%	
1988	120.50	4.42%	6.91%	3.54%	16.61%	22.87%	9.67%	6.10%	6.35%	9.71%		12.02%	11.96%		3.37%	8.48%	7.60%		7.54%	
1989	126.10	4.65%	8.50%	3.68%	31.69%	10.18%	18.11%	13.29%	8.37%	9.26%		19.93%	17.17%		4.82%	16.25%	15.29%		12.52%	
1990	133.80	6.11%	9.59%	4.14%	-3.10%	-21.56%	6.18%	9.73%	7.82%	9.32%		3.94%	0.85%		5.44%	-0.20%	-2.17%		-5.26%	
1991	137.90	3.06%	7.92%	4.53%	30.47%	44.63%	19.30%	15.46%	5.59%	8.77%		19.66%	23.85%	5.88%	3.39%	15.12%	16.59%	20.79%	2.82%	
1992	141.90	2.90%	6.63%	4.23%	7.62%	23.35%	8.05%	7.19%	3.51%	8.14%		7.72%	10.17%	3.27%	2.40%	3.49%	4.82%	7.27%	0.37%	
1993	145.80	2.75%	5.39%	3.89%	10.08%	20.98%	18.24%	11.24%	2.90%	7.22%		9.28%	14.42%	3.12%	1.50%	5.39%	6.53%	11.68%	0.37%	
1994	149.70	2.67%	4.92%	3.50%	1.32%	3.11%	-7.77%	-5.14%	3.91%	7.96%		2.42%	-2.90%	3.62%	1.42%	-1.08%	-0.26%	-5.58%	0.95%	
1995	153.50	2.54%	3.95%	2.79%	37.58%	34.46%	31.67%	16.80%	5.60%	7.59%		22.63%	27.43%	6.96%	1.16%	19.84%	20.09%	24.89%	4.42%	
1996	158.60	3.32%	3.04%	2.84%	22.96%	17.62%	-0.93%	2.10%	5.21%	7.37%		13.18%	7.71%	5.79%	0.20%	10.34%	9.85%	4.39%	2.47%	
1997	161.30	1.70%	2.82%	2.60%	33.36%	22.78%	15.85%	8.38%	5.26%	7.26%	7.41%	18.97%	17.36%	6.10%	0.22%	16.37%	17.27%	15.65%	4.40%	
1998	163.90	1.61%	3.42%	2.37%	28.58%	-7.31%	13.06%	10.21%	4.86%	6.53%	6.84%	16.97%	10.95%	6.20%	1.05%	14.60%	15.36%	9.33%	4.59%	
1999	168.30	2.68%	3.67%	2.37%	21.04%	29.79%	-8.97%	-1.77%	4.68%	7.04%	7.44%	11.44%	5.91%	4.54%	1.30%	9.07%	8.75%	3.22%	1.86%	
2000	174.00	3.39%	4.17%	2.54%	-9.10%	-3.59%	21.48%	12.59%	5.89%	7.62%	8.18%	1.26%	8.29%	13.11%	1.63%	-1.28%	-2.13%	4.91%	9.72%	
2001	176.70	1.55%	4.72%	2.19%	-11.89%	22.77%	3.70%	7.62%	3.83%	7.08%	7.61%	-1.16%	5.49%	3.98%	2.53%	-3.35%	-2.71%	3.94%	2.43%	
2002	180.90	2.38%	5.05%	2.32%	-22.11%	-13.28%	17.84%	12.93%	1.65%	6.49%	7.41%	-4.81%	3.12%	-8.52%	2.73%	-7.13%	-7.18%	0.74%	-10.90%	
2003	184.30	1.88%	3.71%	2.38%	28.68%	60.70%	1.45%	2.40%	1.02%	5.67%	6.44%	15.14%	16.85%	19.99%	1.33%	12.76%	13.26%	14.97%	18.11%	
2004	190.30	3.26%	4.24%	2.49%	10.88%	18.39%	8.51%	2.25%	1.20%	5.63%	6.27%	7.26%	8.41%	10.27%	1.75%	4.77%	4.01%	5.15%	7.01%	
2005	196.80	3.42%	4.29%	2.50%	4.91%	5.69%	7.81%	1.36%	2.98%	5.24%	5.88%	4.32%	4.76%	8.92%	1.79%	1.82%	0.90%	1.34%	5.50%	
2006	201.80	2.54%	3.56%	2.69%	15.79%	16.17%	1.19%	3.14%	4.80%	5.59%	6.27%	9.59%	7.13%	12.77%	0.87%	6.89%	7.05%	4.59%	10.23%	
2007	210.04	4.08%	5.16%	3.03%	5.49%	-5.22%	9.88%	10.05%	4.66%	5.56%	6.37%	6.43%	6.26%	8.72%	2.13%	3.39%	2.34%	2.18%	4.64%	
2008	210.23	0.09%	2.65%	2.68%	-37.00%	-36.72%	25.87%	13.11%	1.60%	5.63%	7.35%	-11.63%	-1.13%	-27.24%	-0.03%	-14.31%	-11.72%	-1.22%	-27.33%	
2009	215.95	2.72%	3.37%	2.57%	26.46%	25.57%	4.08%	2.82%	0.45%	5.61%	7.12%	14.23%	11.20%	20.00%	0.80%	11.66%	11.51%	8.48%	17.28%	
2010	219.18	1.50%	3.28%	2.19%	15.06%	26.31%	4.25%	2.62%	0.30%	4.94%	5.95%	8.93%	9.32%	13.36%	1.09%	6.74%	7.43%	7.82%	11.86%	
2011	225.67	2.96%	3.49%	2.27%	2.11%	1.02%	3.91%	2.16%	0.17%	4.64%	5.62%	3.03%	2.38%	-0.10%	1.22%	0.76%	0.07%	-0.59%	-3.06%	
2012	229.60	1.74%	3.21%	1.80%	16.00%	16.33%	2.92%	1.22%	0.17%	3.67%	4.78%	8.61%	6.91%	10.88%	1.41%	6.80%	6.86%	5.17%	9.13%	
2013	233.05	1.50%	2.01%	2.08%	32.39%	41.31%	3.45%	1.74%	0.13%	4.23%	5.03%	16.12%	14.46%	12.58%	-0.07%	14.04%	14.62%	12.96%	11.07%	
2014	234.81	0.76%	2.96%	1.69%	13.69%	5.76%	3.34%	2.14%	0.11%	4.16%	4.76%	7.95%	5.05%	5.64%	1.27%	6.26%	7.19%	4.30%	4.88%	
2015	236.53	0.73%	2.58%	1.54%	1.38%	-1.97%	2.84%	1.89%	0.30%	3.89%	4.76%	2.39%	1.33%	-1.84%	1.04%	0.85%	1.66%	0.60%	-2.57%	
2016	241.43	2.07%	4.07%	1.36%	11.96%	26.56%	2.59%	1.63%	0.60%	3.66%	4.55%	6.91%	8.04%	6.72%	2.71%	5.55%	4.83%	5.96%	4.65%	
2017	246.52	2.11%	1.78%	1.43%	21.83%	13.23%	2.89%	2.16%	1.17%	3.74%	4.37%	11.38%	7.71%	13.81%	0.35%	9.95%	9.27%	5.60%	11.71%	
2018	251.23	1.91%	2.01%	1.52%	-4.38%	-8.48%	3.11%	2.85%	2.25%	3.93%	4.68%	0.06%	-0.35%	-6.72%	0.49%	-1.46%	-1.85%	-2.26%	-8.63%	
2019	256.97	2.29%	4.57%	1.82%	31.49%	22.78%	2.58%	2.05%	1.99%	3.39%	4.18%	15.49%	10.99%	21.15%	2.75%	13.66%	13.20%	8.70%	18.86%	
2020	260.47	1.36%	1.78%	1.95%	18.40%	11.29%	1.56%	0.72%	0.36%	2.48%	3.33%	9.13%	5.90%	14.08%	-0.17%	7.18%	7.77%	4.54%	12.72%	

Total Returns														Difference Between Average Returns					
Year	CPI All Items	CPI All Items % Change	CPI Medical Index % Chg	5 Year Avg % Chg CPI All Items	Large Company Stocks	Small Company Stocks	Long-Term Govt. Bonds	Inter. Term - Gov't Bonds	U.S. Treasury Bills	Corporate Bonds (Aaa Moody's)	Merrill Lynch US Corporate 15+ Yr	Model Portfolio	Conservative Model Portfolio	Annual NICA Return on Investment	Medical v 5 Yr Avg CPI (4) - (5)	Model v 5 Yr Avg CPI (13) - (5)	Model v CPI (13) - (3)	Conservative Model v CPI (14) - (3)	NICA v CPI (15) - (3)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Geometric Mean of Annual Return:																			
1926 - 1929		-0.95%			19.19%	-4.50%	5.00%	4.19%	3.67%	4.64%		11.43%	6.72%				12.38%	7.67%	
1930 - 1939		-2.04%	0.65%	-2.06%	-0.05%	1.38%	4.88%	4.58%	0.56%	3.89%		3.65%	5.32%		2.71%	5.71%	5.68%	7.36%	
1940 - 1949		5.36%	3.66%	4.73%	9.17%	20.69%	3.24%	1.83%	0.41%	2.71%		5.64%	7.39%		-1.07%	0.91%	0.28%	2.03%	
1950 - 1959		2.22%	3.88%	2.54%	19.35%	16.90%	-0.07%	1.34%	1.86%	3.30%		10.35%	7.34%		1.34%	7.81%	8.13%	5.12%	
1960 - 1969		2.52%	4.11%	1.98%	7.81%	15.53%	1.45%	3.48%	3.88%	5.00%		6.18%	6.43%		2.13%	4.20%	3.66%	3.91%	
1970 - 1979		7.36%	8.03%	6.40%	5.87%	11.49%	5.52%	6.98%	6.31%	8.23%		7.35%	7.79%		1.63%	0.95%	-0.01%	0.43%	
1980 - 1989		5.10%	8.14%	6.24%	17.55%	15.83%	12.61%	11.91%	8.89%	11.32%		14.37%	13.99%		1.90%	8.13%	9.27%	8.90%	
1990 - 1999		2.93%	5.11%	3.32%	18.21%	15.09%	8.79%	7.20%	4.93%	7.72%	7.23%	12.43%	11.21%	5.04%	1.79%	9.11%	9.50%	8.28%	2.12%
2000 - 2009		2.52%	4.09%	2.54%	-0.95%	6.09%	9.88%	6.72%	2.79%	6.01%	6.89%	3.75%	6.94%	5.20%	1.55%	1.21%	1.23%	4.42%	2.67%
2010 - 2019		1.75%	2.99%	1.77%	13.56%	13.35%	3.19%	2.05%	0.72%	4.02%	4.87%	7.97%	6.49%	7.24%	1.22%	6.20%	6.21%	4.74%	5.49%
1991 - 2020		2.25%	3.81%	2.47%	10.70%	12.75%	7.09%	5.00%	2.55%	5.68%	5.93%	8.17%	8.37%	6.11%	1.34%	5.70%	5.92%	6.13%	3.87%
Annual Std. Deviation:																			
1926 - 1929		1.43%			24.06%	39.46%	4.07%	2.28%	0.72%	0.10%		10.19%	10.50%				8.75%	9.07%	
1930 - 1939		5.01%	0.56%	2.88%	34.67%	60.30%	6.04%	3.61%	0.75%	0.72%		15.38%	16.88%		-2.32%	12.50%	10.37%	11.87%	
1940 - 1949		5.93%	2.71%	2.19%	16.51%	37.03%	3.75%	0.81%	0.33%	0.10%		7.34%	9.87%		0.52%	5.15%	1.41%	3.93%	
1950 - 1959		2.26%	0.99%	1.78%	19.79%	27.09%	4.86%	2.71%	0.75%	0.55%		8.36%	7.63%		-0.79%	6.58%	6.09%	5.37%	
1960 - 1969		1.80%	1.94%	0.84%	14.39%	32.07%	6.23%	3.52%	1.35%	0.95%		6.02%	6.99%		1.11%	5.18%	4.21%	5.19%	
1970 - 1979		3.45%	2.90%	1.48%	19.24%	31.10%	6.80%	4.69%	1.94%	0.76%		8.83%	9.68%		1.42%	7.35%	5.38%	6.23%	
1980 - 1989		3.22%	2.28%	2.83%	12.68%	17.20%	15.11%	8.08%	2.79%	1.91%		6.08%	8.89%		-0.56%	3.25%	2.86%	5.68%	
1990 - 1999		1.24%	2.26%	0.83%	14.16%	19.98%	12.82%	7.09%	1.36%	0.84%	0.34%	6.87%	9.53%	1.44%	1.44%	6.04%	5.63%	8.29%	0.20%
2000 - 2009		1.15%	0.79%	0.23%	21.11%	26.32%	8.67%	4.96%	1.89%	0.78%	0.74%	8.38%	4.80%	14.30%	0.55%	8.15%	7.24%	3.65%	13.16%
2010 - 2019		0.68%	0.92%	0.32%	12.26%	15.40%	0.55%	0.47%	0.81%	0.48%	0.54%	5.32%	4.57%	8.49%	0.60%	5.00%	4.64%	3.89%	7.81%
1991 - 2020		0.90%	1.38%	0.77%	17.30%	19.49%	9.26%	5.41%	2.06%	1.67%	1.32%	7.57%	6.73%	9.46%	0.60%	6.79%	6.66%	5.83%	8.56%

<u>Column</u>	Provided by Client
(2)-(11),(14)	[Col (2) / Prior Col (2)] - 1
(3)	[44% Col (6)] + [20% Col (9)] + [36% Col (11)]
(13)	[17.5% Col (6)] + [17.5% Col (7)] + [30% Col (8)] + [30% Col (9)] + [5% Col (10)]
(14)	

Development of Incurred Loss Projection Tail Factor - 390 Months to Ultimate
Based on Incremental Payment Indication

Evaluated As of June 30, 2021

Year of Birth	Birth Year Level Incurred (a) Loss & ALAE @ 6/30/21	Paid Development Factors Without Tail Factor (b)		Indicated Incurred Projection Without Tail Factor @ 390 Months to Maturity (2) x (4)	Estimated Ultimate Loss & ALAE Based on Incremental Payment Method (c) @ 2.00% Utilization Rate	Cumulative Sum of		Ratio of Col. (8) to Col. (7) Indicated Incurred Projection Tail Factor 390:Ult. (8) / (7)
		Incremental	Cumulative			Column (5) Incurred Projection Without Tail Factor	Column (6) Estimated Ultimate Based on Incremental Payment Method (c)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	20,140,640		1.0000	20,140,640	24,252,135	20,140,640	24,252,135	1.2041
1990	9,167,891	1.0045	1.0045	9,209,146	9,680,374	29,349,786	33,932,508	1.1561
1991	19,041,417	1.0045	1.0090	19,213,176	24,172,402	48,562,962	58,104,910	1.1965
1992	36,496,791	1.0045	1.0136	36,991,718	44,108,197	85,554,679	102,213,107	1.1947
1993	36,468,264	1.0045	1.0181	37,129,137	44,719,711	122,683,817	146,932,819	1.1977
1994	16,160,104	1.0045	1.0227	16,526,994	21,427,148	139,210,811	168,359,967	1.2094
1995	24,715,816	1.0045	1.0273	25,390,696	33,014,679	164,601,506	201,374,646	1.2234
1996	23,047,805	1.0045	1.0319	23,783,686	25,485,136	188,385,192	226,859,782	1.2042
1997	32,566,377	1.0045	1.0366	33,757,399	42,279,316	222,142,591	269,139,098	1.2116
1998	54,726,748	1.0085	1.0454	57,208,615	66,500,505	279,351,207	335,639,603	1.2015
1999	20,150,625	1.0275	1.0741	21,643,290	21,411,338	300,994,497	357,050,941	1.1862
2000	13,391,151	1.0140	1.0891	14,583,873	13,467,286	315,578,370	370,518,226	1.1741
2001	23,106,101	1.0060	1.0956	25,315,961	27,792,803	340,894,331	398,311,030	1.1684
2002	54,989,418	0.9710	1.0639	58,502,767	59,780,280	399,397,098	458,091,309	1.1470
2003	13,033,902	1.0080	1.0724	13,977,839	13,951,836	413,374,937	472,043,146	1.1419
2004	22,317,753	1.0149	1.0884	24,289,582	27,853,174	437,664,519	499,896,320	1.1422
2005	28,136,657	0.9939	1.0817	30,434,572	32,822,729	468,099,091	532,719,048	1.1380
2006	41,379,629	1.0002	1.0819	44,767,064	48,330,326	512,866,155	581,049,374	1.1329
2007	33,337,153	1.0143	1.0973	36,580,655	38,595,246	549,446,809	619,644,620	1.1278
2008	45,731,803	1.0213	1.1207	51,251,068	54,993,200	600,697,878	674,637,820	1.1231
2009	55,249,902	1.0193	1.1423	63,110,378	63,381,462	663,808,255	738,019,282	1.1118
2010	27,744,084	1.0071	1.1504	31,916,024	38,201,308	695,724,279	776,220,590	1.1157
2011	45,523,729	0.9809	1.1284	51,370,969	49,808,474	747,095,248	826,029,064	1.1057
2012	31,201,123	1.0106	1.1404	35,582,451	39,978,765	782,677,699	866,007,829	1.1065
2013	29,521,578	1.0042	1.1452	33,808,451	30,361,812	816,486,150	896,369,641	1.0978
2014	34,577,959	1.0560	1.2093	41,815,219	36,106,481	858,301,369	932,476,122	1.0864
2015	61,595,217	1.0456	1.2645	77,887,016	74,482,539	936,188,385	1,006,958,661	1.0756
2016	18,088,894	1.0527	1.3311	24,077,861	28,222,369	960,266,246	1,035,181,031	1.0780
2017	37,814,294	1.0850	1.4442	54,612,447	59,345,613	1,014,878,693	1,094,526,644	1.0785

Totals / Averages:

1989 - 2002	399,397,098	458,091,309	1.1470
1989 - 2007	549,446,809	619,644,620	1.1278
1989 - 2012	782,677,699	866,007,829	1.1065
1989 - 2017	1,014,878,693	1,094,526,644	1.0785

Selected Incurred Loss Projection Tail Factor 390:Ult.

1.0975

Notes: (a) See Exhibit VII, Sheet 1, Column (2).

(b) See Exhibit VII, Sheet 1, Column (3) excluded tail factor @ 390:Ult.

(c) Based on utilization rate of 2.00%. See Appendix E, Exhibit I, Sheet 1, Column (7).

Development of Paid Loss Projection Tail Factor - 390 Months to Ultimate
Based on Incremental Payment Indication

Evaluated As of June 30, 2021

Year of Birth	Birth Year Level Paid (a) Loss & ALAE @ 6/30/21	Paid Development Factors Without Tail Factor (b)		Indicated Paid Projection Without Tail Factor @ 390 Months to Maturity (2) x (4)	Estimated Ultimate Loss & ALAE Based on Incremental Payment Method (c) @ 2.00% Utilization Rate	Cumulative Sum of		Ratio of Col. (8) to Col. (7) Indicated Paid Projection Tail Factor 390:Ult. (8) / (7)
		Incremental	Cumulative			Column (5) Paid Projection Without Tail Factor	Column (6) Estimated Ultimate Based on Incremental Payment Method (c)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	12,422,702		1.0000	12,422,702	24,252,135	12,422,702	24,252,135	1.9522
1990	4,889,704	1.0500	1.0500	5,134,190	9,680,374	17,556,891	33,932,508	1.9327
1991	7,429,395	1.0500	1.1025	8,190,908	24,172,402	25,747,799	58,104,910	2.2567
1992	12,236,036	1.0500	1.1576	14,164,741	44,108,197	39,912,540	102,213,107	2.5609
1993	17,800,780	1.0500	1.2155	21,636,960	44,719,711	61,549,500	146,932,819	2.3872
1994	6,387,871	1.0500	1.2763	8,152,722	21,427,148	69,702,223	168,359,967	2.4154
1995	8,925,648	1.0500	1.3401	11,961,222	33,014,679	81,663,445	201,374,646	2.4659
1996	8,413,811	1.0500	1.4071	11,839,076	25,485,136	93,502,521	226,859,782	2.4262
1997	10,344,095	1.0500	1.4775	15,282,939	42,279,316	108,785,460	269,139,098	2.4740
1998	18,199,778	1.0463	1.5458	28,133,941	66,500,505	136,919,402	335,639,603	2.4514
1999	10,339,571	1.0542	1.6297	16,850,399	21,411,338	153,769,801	357,050,941	2.3220
2000	5,497,561	1.0527	1.7157	9,431,975	13,467,286	163,201,775	370,518,226	2.2703
2001	7,511,821	1.0469	1.7961	13,491,848	27,792,803	176,693,624	398,311,030	2.2542
2002	15,103,063	1.0544	1.8939	28,602,962	59,780,280	205,296,586	458,091,309	2.2314
2003	4,570,904	1.0603	2.0081	9,178,903	13,951,836	214,475,489	472,043,146	2.2009
2004	5,163,095	1.0581	2.1249	10,970,852	27,853,174	225,446,341	499,896,320	2.2174
2005	7,832,139	1.0587	2.2495	17,618,541	32,822,729	243,064,881	532,719,048	2.1917
2006	9,135,407	1.0723	2.4122	22,036,646	48,330,326	265,101,527	581,049,374	2.1918
2007	10,027,600	1.0771	2.5982	26,053,241	38,595,246	291,154,768	619,644,620	2.1282
2008	6,186,832	1.0743	2.7911	17,268,373	54,993,200	308,423,141	674,637,820	2.1874
2009	8,720,042	1.0871	3.0344	26,459,908	63,381,462	334,883,048	738,019,282	2.2038
2010	3,306,704	1.0944	3.3208	10,981,055	38,201,308	345,864,103	776,220,590	2.2443
2011	5,566,122	1.0951	3.6366	20,241,684	49,808,474	366,105,787	826,029,064	2.2563
2012	3,692,620	1.1119	4.0436	14,931,508	39,978,765	381,037,295	866,007,829	2.2728
2013	5,489,181	1.1158	4.5118	24,766,200	30,361,812	405,803,496	896,369,641	2.2089
2014	6,190,029	1.1733	5.2935	32,767,072	36,106,481	438,570,568	932,476,122	2.1262
2015	5,326,139	1.1578	6.1287	32,642,237	74,482,539	471,212,805	1,006,958,661	2.1370
2016	1,053,551	1.2256	7.5110	7,913,237	28,222,369	479,126,042	1,035,181,031	2.1606
2017	2,463,563	1.2424	9.3316	22,988,878	59,345,613	502,114,920	1,094,526,644	2.1798

Totals / Averages:

1989 - 2002	205,296,586	458,091,309	2.2314
1989 - 2007	291,154,768	619,644,620	2.1282
1989 - 2012	381,037,295	866,007,829	2.2728
1989 - 2017	502,114,920	1,094,526,644	2.1798

Selected Paid Loss Projection Tail Factor 390:Ult.

2.2446

Notes: (a) See Exhibit VIII, Sheet 1, Column (2).

(b) See Exhibit VIII, Sheet 1, Column (3) excluded tail factor @ 390:Ult.

(c) Based on utilization rate of 2.00%. See Appendix E, Exhibit I, Sheet 1, Column (7).

Actual Paid Loss and ALAE

Current Level Basis

Before Reinsurance Recovery

Birth Year	Actual Paid Loss & ALAE					
	@ 12/31/17 (a)	@ 12/31/18 (a)	@ 12/31/19 (a)	@ 12/31/20 (a)	@ 3/31/21 (a)	@ 6/30/21 (a)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	14,267,027	14,638,997	14,972,972	15,454,195	15,524,989	15,605,425
1990	6,017,106	6,279,135	6,480,940	6,710,380	6,766,619	6,829,050
1991	8,706,421	9,314,249	9,849,249	10,362,065	10,543,760	10,725,636
1992	14,588,741	15,500,157	16,378,359	17,268,992	17,471,991	17,675,458
1993	19,373,096	20,331,661	21,294,314	22,438,687	22,662,524	22,958,101
1994	7,192,264	7,475,545	7,718,617	7,960,305	8,024,698	8,083,160
1995	10,038,156	10,574,141	11,159,530	11,818,717	12,030,035	12,173,794
1996	9,129,668	9,627,567	10,099,946	10,651,113	10,797,904	10,959,470
1997	11,977,563	12,557,481	13,178,169	13,902,831	14,083,651	14,344,946
1998	19,760,086	21,092,727	22,364,192	23,735,451	24,086,267	24,482,191
1999	11,901,286	12,245,496	12,580,524	12,942,391	13,061,592	13,166,616
2000	5,837,741	6,195,510	6,558,156	6,822,239	6,927,175	7,066,072
2001	7,320,379	7,833,708	8,271,076	8,747,790	8,873,604	9,027,772
2002	15,119,824	16,227,654	17,269,559	18,484,389	18,819,133	19,179,012
2003	4,352,130	4,674,834	4,953,963	5,315,295	5,420,630	5,496,758
2004	4,770,134	5,141,005	5,449,735	5,913,302	6,011,890	6,097,646
2005	7,095,668	7,624,142	8,213,548	8,970,456	9,184,669	9,381,825
2006	8,325,390	8,963,008	9,756,743	10,502,180	10,708,281	10,953,689
2007	8,849,635	9,693,497	10,649,649	11,501,899	11,686,318	11,973,329
2008	5,061,580	5,678,602	6,207,497	6,972,847	7,148,296	7,361,353
2009	6,451,376	7,100,090	7,752,859	8,660,439	8,936,928	9,139,864
2010	2,674,347	2,866,667	3,046,696	3,213,856	3,285,284	3,419,633
2011	3,794,991	4,353,878	4,883,356	5,434,498	5,579,837	5,770,076
2012	2,323,849	2,732,433	3,134,528	3,528,462	3,618,178	3,800,584
2013	3,154,345	3,737,777	4,521,536	5,135,965	5,293,659	5,625,800
2014	2,940,791	4,231,511	5,082,901	5,865,834	6,062,481	6,329,941
2015	1,346,365	2,609,468	3,411,625	4,431,025	4,676,394	5,450,447
2016	390,803	569,989	770,775	980,125	1,020,960	1,070,369
2017	5,229	455,087	870,841	1,639,079	1,902,251	2,498,739
2018		30,277	1,215,494	2,343,958	2,826,833	3,528,346
2019			1,101	1,309,912	1,670,056	1,942,682
2020				3,594	8,525	22,378
2021					0	0
Totals:						
2017 & Prior	222,765,989	240,326,014	256,881,856	275,364,808	280,209,999	286,646,756
2018 & Prior		240,356,291	258,097,350	277,708,765	283,036,832	290,175,102
2019 & Prior			258,098,451	279,018,677	284,706,888	292,117,784
2020 & Prior				279,022,271	284,715,413	292,140,163
2021 & Prior					284,715,413	292,140,163

Notes: (a) Based on actual paid loss and ALAE as shown in Exhibit I, Sheet 1a, Column (4) of reserve reports evaluated as of 12/31/2012 and subsequent.

Actual Paid Loss and ALAE
Current Level Basis

Before Reinsurance Recovery

Birth Year	Actual Paid Loss & ALAE							
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (b)	@ 12/31/13 (b)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	10,186,409	10,458,034	10,858,188	11,264,469	11,960,429	12,703,237	13,334,954	13,907,887
1990	3,723,264	3,837,883	3,989,667	4,134,429	4,739,750	5,431,197	5,637,024	5,823,482
1991	3,412,646	3,925,649	4,405,095	5,367,300	6,403,902	7,111,676	7,663,287	8,163,390
1992	6,464,261	7,013,018	7,772,126	8,309,249	10,486,924	11,960,130	12,815,067	13,662,902
1993	11,600,217	12,313,100	13,089,455	13,913,903	15,456,495	16,811,505	17,688,776	18,583,444
1994	4,883,079	5,023,121	5,198,208	5,344,508	5,989,723	6,458,956	6,706,993	6,946,563
1995	3,873,071	4,829,658	5,595,923	5,921,580	7,168,370	8,042,178	8,707,711	9,315,298
1996	5,071,490	5,506,117	5,973,099	6,311,867	7,106,412	7,899,721	8,279,761	8,658,214
1997	5,207,959	5,901,603	6,522,569	7,543,370	9,312,837	10,296,445	10,877,579	11,452,153
1998	8,112,136	9,116,042	10,194,077	11,277,495	13,609,770	15,863,619	17,129,762	18,446,385
1999	6,164,930	6,912,528	7,719,729	8,273,551	9,732,949	10,418,299	10,955,512	11,455,006
2000	2,965,732	3,276,769	3,514,181	3,762,460	4,317,207	4,972,975	5,238,763	5,520,902
2001	3,883,121	4,175,734	4,515,405	4,842,890	5,425,462	5,877,102	6,434,214	6,883,540
2002	5,826,962	6,856,989	7,727,861	8,707,708	10,580,391	11,973,470	13,103,213	14,202,065
2003	1,772,921	1,930,389	2,203,060	2,495,687	2,753,640	3,099,320	3,596,458	3,994,291
2004	2,171,906	2,595,632	2,994,077	3,215,209	3,522,795	3,877,573	4,192,045	4,475,363
2005	2,142,949	3,240,890	3,997,772	4,719,465	5,198,978	5,677,987	6,111,341	6,586,084
2006	1,291,184	2,233,340	3,934,023	4,901,878	5,614,611	6,260,850	6,868,225	7,525,340
2007	909,414	2,145,757	3,232,481	4,101,955	5,212,346	6,071,909	7,004,826	7,953,448
2008	287,894	916,649	1,407,917	2,014,976	2,355,509	2,934,059	3,572,068	4,287,731
2009	114,839	628,299	1,532,304	2,438,709	3,142,736	3,691,740	4,230,225	5,156,527
2010		116,166	895,231	1,203,035	1,818,188	2,065,585	2,245,502	2,456,858
2011			11,245	178,666	877,041	1,559,805	2,333,485	3,117,907
2012				16,611	97,446	898,196	1,645,365	2,061,021
2013					114,394	873,399	1,747,648	2,424,840
2014						116,952	652,037	1,765,040
2015							0	365,465
2016								10,326
2017								
2018								
2019								
2020								
2021								
Totals:								
2009 & Prior	90,066,385	102,837,202	116,377,216	128,862,658	150,091,237	167,433,947	180,147,805	193,000,014
2010 & Prior		102,953,368	117,272,447	130,065,693	151,909,425	169,499,532	182,393,308	195,456,871
2011 & Prior			117,283,692	130,244,359	152,786,466	171,059,337	184,726,793	198,574,778
2012 & Prior				130,260,969	152,883,912	171,957,533	186,372,157	200,635,799
2013 & Prior					152,998,305	172,830,932	188,119,805	203,060,639
2014 & Prior						172,947,884	188,771,842	204,825,679
2015 & Prior							188,771,842	205,191,144
2016 & Prior								205,201,470

Notes: (a) Based on actual paid loss and ALAE as shown in Exhibit I, Sheet 1c, Column (4) of reserve reports evaluated as of 12/31/2011 and prior,

(b) Based on actual paid loss and ALAE as shown in Exhibit I, Sheet 1a, Column (4) of reserve reports evaluated as of 12/31/2012 and subsequent.

Actual Incurred Loss and ALAE
Current Level Basis
Before Inflation and Discount
Before Reinsurance Recovery

Birth Year	Actual Incurred Loss & ALAE					
	@ 12/31/17 (a)	@ 12/31/18 (a)	@ 12/31/19 (a)	@ 12/31/20 (a)	@ 3/31/21 (a)	@ 6/30/21 (a)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	25,441,183	25,702,077	26,676,277	26,731,377	26,731,377	26,731,377
1990	12,078,863	12,124,934	12,219,613	12,946,901	12,946,901	12,946,901
1991	27,582,759	27,832,120	28,375,779	27,220,428	27,220,428	27,220,428
1992	51,825,758	52,149,680	50,874,421	51,965,541	51,965,541	51,965,541
1993	44,240,688	44,771,955	48,129,997	49,226,085	49,226,085	49,226,085
1994	20,463,924	20,675,749	21,278,788	21,778,869	21,778,869	21,778,869
1995	32,530,259	33,033,922	33,554,096	34,222,250	34,222,250	34,222,250
1996	30,070,691	29,864,307	30,451,587	31,320,962	31,320,962	31,320,962
1997	39,746,715	40,457,327	44,226,874	45,170,839	45,170,839	45,170,839
1998	67,690,266	70,152,725	72,737,058	75,024,792	75,024,792	75,024,792
1999	26,469,569	27,054,078	26,276,114	26,701,402	26,701,402	26,701,402
2000	21,260,799	21,722,522	19,861,024	20,370,774	17,924,375	17,924,375
2001	29,028,446	29,663,340	28,936,114	30,382,443	30,382,597	30,382,597
2002	69,075,832	70,560,398	70,261,172	73,614,647	73,614,742	73,614,742
2003	18,044,410	18,209,635	16,526,126	17,008,588	17,008,588	17,008,588
2004	27,934,816	28,781,989	30,154,419	29,364,715	29,365,215	29,365,215
2005	32,289,079	32,986,431	34,461,781	35,624,520	35,624,866	35,624,866
2006	48,406,081	50,537,021	49,851,128	52,270,088	52,270,728	52,270,728
2007	38,318,675	38,987,317	39,192,341	40,457,906	40,458,123	40,458,123
2008	52,483,297	51,043,082	50,984,518	53,581,937	53,582,321	53,582,321
2009	58,470,612	59,034,654	61,836,158	63,334,920	63,335,131	63,335,131
2010	28,170,398	28,907,752	31,404,151	31,792,127	31,792,356	31,792,356
2011	47,391,514	47,765,304	49,393,256	51,997,983	51,998,063	51,998,063
2012	28,663,775	32,385,451	34,549,969	35,491,823	35,491,823	35,491,823
2013	30,675,106	29,432,728	29,859,912	30,834,405	30,834,405	30,834,405
2014	39,204,196	40,746,108	33,389,632	35,893,555	35,923,618	35,893,618
2015	25,309,491	40,552,485	49,927,837	62,255,566	63,944,277	63,944,277
2016	3,189,395	7,092,710	12,995,406	18,425,131	18,435,131	18,430,904
2017	220,615	12,515,921	26,473,988	35,571,464	35,583,816	38,443,816
2018		11,120,164	29,094,272	47,677,117	50,440,379	50,812,571
2019			8,013,000	29,572,606	32,094,096	38,016,696
2020				60,000	2,985,911	10,015,911
2021					0	0
Totals:						
2017 & Prior	976,277,215	1,024,743,723	1,064,859,536	1,120,582,037	1,119,879,618	1,122,705,392
2018 & Prior		1,035,863,887	1,093,953,809	1,168,259,154	1,170,319,997	1,173,517,963
2019 & Prior			1,101,966,809	1,197,831,760	1,202,414,093	1,211,534,660
2020 & Prior				1,197,891,760	1,205,400,005	1,221,550,571
2021 & Prior					1,205,400,005	1,221,550,571

Notes: (a) Based on actual paid and case outstanding loss and ALAE as shown in Exhibit I, Sheet 1a,
Columns (4) and (2) of reserve reports evaluated as of 12/31/2012 and subsequent.

Actual Incurred Loss and ALAE
Current Level Basis
Before Inflation and Discount
Before Reinsurance Recovery

Birth Year	Actual Incurred Loss & ALAE							
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (b)	@ 12/31/13 (b)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	25,392,567	26,078,544	25,583,011	27,706,619	26,373,709	26,675,829	26,051,832	26,326,147
1990	13,314,815	10,443,544	10,543,426	12,118,649	11,460,479	11,121,608	11,216,567	11,406,760
1991	22,161,349	22,464,393	23,417,200	28,845,823	27,053,131	27,437,409	27,781,984	28,295,975
1992	45,578,473	45,939,767	46,942,773	55,890,448	52,815,766	52,867,490	50,976,324	51,656,458
1993	45,769,261	46,809,981	42,703,727	48,709,272	44,371,745	44,496,964	45,096,852	45,229,024
1994	15,697,230	16,210,446	18,343,661	20,873,806	20,730,853	20,768,073	21,178,550	21,338,915
1995	30,541,666	29,252,587	27,611,220	28,549,550	31,116,266	31,193,690	30,817,517	31,573,999
1996	32,557,199	32,684,558	24,024,889	28,929,040	28,427,439	30,016,711	28,837,569	29,370,705
1997	38,463,312	43,675,859	41,626,317	44,901,093	45,773,854	42,295,331	41,082,818	41,695,864
1998	54,563,346	61,812,278	60,372,902	69,428,161	71,845,599	74,110,454	74,869,360	73,947,873
1999	26,384,594	30,676,593	27,364,683	29,426,181	30,621,162	26,815,846	27,279,195	26,851,564
2000	22,486,180	21,268,225	17,120,713	21,576,045	18,959,802	19,436,294	19,326,133	19,745,527
2001	21,353,204	24,146,698	22,453,008	27,428,112	26,466,604	26,011,537	27,662,585	28,764,655
2002	67,771,825	65,863,004	75,780,805	81,408,182	80,239,381	75,578,631	73,816,750	71,230,346
2003	11,350,748	13,844,639	15,168,263	15,986,156	15,239,817	15,719,835	15,365,678	15,565,872
2004	26,994,425	22,859,791	23,353,511	23,639,048	24,722,792	24,881,802	24,763,096	24,467,783
2005	40,349,156	51,636,560	49,969,413	50,170,611	41,236,975	33,705,260	32,296,495	33,337,907
2006	33,495,282	37,658,562	48,568,924	49,129,618	48,994,258	50,001,133	52,359,974	53,254,022
2007	16,105,434	32,149,065	42,727,201	45,320,710	43,306,651	43,280,986	41,872,020	43,492,063
2008	19,305,512	27,518,410	45,383,414	47,873,092	52,865,872	50,399,012	56,105,819	52,603,536
2009	2,400,124	12,214,510	32,754,971	43,304,404	47,846,038	45,798,713	48,326,705	52,107,418
2010		367,288	11,709,849	23,432,658	28,572,781	27,241,537	27,631,375	26,491,003
2011			8,025,000	18,092,817	27,966,715	38,554,067	47,898,365	46,663,004
2012				12,090,000	20,346,124	28,272,096	31,340,190	24,080,908
2013					8,415,555	14,108,083	24,160,711	27,946,444
2014						6,459,800	22,999,374	37,678,801
2015							0	18,702,803
2016								2,984,445
2017								
2018								
2019								
2020								
2021								
Totals:								
2009 & Prior	612,035,700	675,208,013	721,814,030	801,214,619	790,468,191	772,612,609	777,083,824	782,262,417
2010 & Prior		675,575,300	733,523,879	824,647,277	819,040,972	799,854,146	804,715,198	808,753,421
2011 & Prior			741,548,879	842,740,094	847,007,687	838,408,213	852,613,563	855,416,424
2012 & Prior				854,830,094	867,353,811	866,680,309	883,953,753	879,497,332
2013 & Prior					875,769,366	880,788,392	908,114,464	907,443,776
2014 & Prior						887,248,192	931,113,838	945,122,577
2015 & Prior							931,113,838	963,825,379
2016 & Prior								966,809,825

Notes: (a) Based on actual paid and case outstanding loss and ALAE as shown in Exhibit I, Sheet 1c,
Columns (4) and (2) of reserve reports evaluated as of 12/31/2011 and prior.

(b) Based on actual paid and case outstanding loss and ALAE as shown in Exhibit I, Sheet 1a,
Columns (4) and (2) of reserve reports evaluated as of 12/31/2012 and subsequent.

Ultimate Loss and ALAE
 Birth Year Level Basis (Paid and Outstanding Loss and ALAE)
 Before Inflation and Discount
 Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE- Birth Year Level					
	@ 12/31/17 (a)	@ 12/31/18 (a)	@ 12/31/19 (a)	@ 12/31/20 (a)	@ 3/31/21 (a)	@ 6/30/21 (a)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	22,247,493	22,258,805	23,066,097	22,946,297	22,671,711	22,741,698
1990	10,241,714	10,174,453	10,303,043	10,765,383	10,640,437	10,675,017
1991	21,603,024	21,641,402	22,027,137	21,028,322	20,858,124	20,887,663
1992	41,648,941	41,582,298	40,636,349	41,212,858	40,914,729	40,969,771
1993	37,954,191	38,090,051	40,813,740	41,414,348	41,053,978	41,141,805
1994	17,763,746	17,795,413	18,339,596	18,615,159	18,483,095	18,517,613
1995	26,306,261	26,989,640	27,443,692	27,818,948	27,664,394	27,692,144
1996	24,969,372	24,861,140	25,640,183	26,294,132	26,142,541	26,175,897
1997	32,694,782	33,194,637	36,622,024	37,351,868	37,315,247	37,355,085
1998	55,860,280	58,204,362	61,523,529	62,303,309	62,463,346	62,649,526
1999	23,002,739	23,696,374	24,085,569	24,389,418	24,310,330	24,472,532
2000	18,099,943	18,418,564	17,813,781	18,583,469	16,394,075	16,523,213
2001	24,719,308	25,087,505	25,215,809	27,005,300	26,865,611	27,023,591
2002	59,580,427	60,392,984	61,085,882	64,171,295	63,824,624	64,472,941
2003	15,763,511	15,811,498	14,647,651	15,016,004	14,862,926	15,161,821
2004	26,097,578	26,056,758	27,648,185	26,980,983	25,987,939	26,526,096
2005	32,030,326	31,565,838	32,832,212	33,680,980	33,391,835	34,235,943
2006	49,374,895	50,311,984	49,194,332	50,354,542	48,170,045	49,297,847
2007	40,252,269	39,852,634	39,504,910	40,068,884	39,454,048	40,478,375
2008	57,179,737	54,195,381	53,695,355	55,606,023	52,513,800	55,567,659
2009	65,746,467	64,077,529	65,843,180	67,166,365	66,168,021	67,914,069
2010	32,871,068	32,238,079	33,616,839	33,547,585	33,182,375	34,507,146
2011	58,807,873	56,226,768	55,172,724	54,943,337	55,042,180	56,492,450
2012	39,903,132	42,641,332	42,811,147	41,318,223	37,696,637	38,637,630
2013	51,458,790	41,771,976	40,030,578	37,663,740	36,891,608	37,523,182
2014	68,887,830	63,582,211	47,545,011	45,970,556	45,231,049	46,633,453
2015	63,520,691	65,942,190	72,964,946	80,910,872	82,006,882	84,811,107
2016	56,397,130	40,327,403	33,070,666	29,432,508	28,439,610	29,994,660
2017	69,648,129	72,052,065	67,303,924	60,433,196	58,550,541	62,855,030
2018		83,644,236	90,678,953	84,212,362	86,770,463	83,584,064
2019			87,365,678	81,284,175	75,714,771	81,511,028
2020				70,045,219	67,959,566	67,894,804
2021 (6 Mo)					19,906,644	36,669,504
Totals:						
2017 & Prior	1,144,631,648	1,119,041,275	1,110,498,088	1,116,993,907	1,097,191,737	1,121,934,964
2018 & Prior		1,202,685,511	1,201,177,041	1,201,206,269	1,183,962,201	1,205,519,028
2019 & Prior			1,288,542,718	1,282,490,444	1,259,676,972	1,287,030,056
2020 & Prior				1,352,535,663	1,327,636,537	1,354,924,859
2021 & Prior					1,347,543,181	1,391,594,364

Notes: (a) See Exhibit IV, Sheet 1, Column (2) of reserve reports evaluated as of 12/31/2014 and subsequent.

Ultimate Loss and ALAE
Birth Year Level Basis (Paid and Outstanding Loss and ALAE)
Before Inflation and Discount
Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE- Birth Year Level							
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (a)	@ 12/31/13 (a)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	N/A	27,151,287	26,330,062	26,239,659	23,959,593	24,195,976	23,414,027	23,125,750
1990	N/A	11,614,027	11,477,027	11,641,938	10,246,976	9,999,835	9,939,137	9,834,515
1991	N/A	21,846,966	23,599,488	25,562,294	22,304,544	22,311,410	22,422,995	22,327,764
1992	N/A	45,007,814	45,510,337	49,648,408	43,814,483	44,193,315	42,324,758	41,873,921
1993	N/A	46,399,495	42,090,226	45,388,953	39,587,735	39,534,688	39,694,225	39,036,364
1994	N/A	17,704,344	19,509,699	20,997,772	19,372,951	18,678,491	18,851,442	18,217,559
1995	N/A	29,612,489	27,858,448	26,170,052	26,818,973	25,772,539	26,087,912	25,662,899
1996	N/A	34,616,867	25,704,748	27,833,390	26,231,269	25,801,313	24,493,693	24,589,056
1997	N/A	46,595,341	43,560,423	40,798,018	40,407,001	36,376,739	34,536,923	34,325,245
1998	N/A	66,412,941	63,607,918	63,521,734	61,517,550	63,630,834	63,226,390	60,905,055
1999	N/A	35,941,607	31,549,054	29,830,188	28,407,824	24,714,807	24,390,834	23,409,402
2000	N/A	26,019,849	21,007,662	22,396,391	18,726,468	17,876,978	17,216,907	17,027,251
2001	N/A	30,143,811	27,629,667	28,951,546	26,397,525	24,055,468	24,549,828	24,792,104
2002	N/A	81,623,942	89,912,951	84,119,393	77,166,072	71,583,645	67,160,964	62,125,579
2003	N/A	19,765,701	20,411,699	18,732,576	16,820,632	15,371,140	14,491,272	14,022,907
2004	N/A	34,906,670	33,509,530	28,899,731	28,835,840	26,266,333	25,078,722	23,496,241
2005	N/A	73,254,683	67,946,105	58,507,245	46,987,970	38,008,212	34,625,670	33,578,652
2006	N/A	59,312,524	66,536,687	58,405,872	57,971,240	58,221,693	57,273,917	55,106,696
2007	N/A	59,153,178	67,620,964	58,470,417	56,101,360	52,163,570	47,452,521	46,361,933
2008	N/A	66,478,546	79,164,976	68,213,720	68,761,560	64,432,055	66,360,989	58,916,171
2009	N/A	70,036,100	82,639,361	74,221,132	73,702,410	61,645,728	59,938,541	60,751,883
2010		64,978,389	69,884,924	64,673,667	56,447,824	43,747,351	35,510,801	32,471,443
2011			72,891,940	71,306,452	65,671,795	65,087,844	67,347,302	60,514,485
2012				81,217,094	76,746,568	67,114,423	57,809,164	43,294,886
2013					76,400,906	62,357,107	60,846,197	54,240,114
2014						69,737,636	80,346,694	84,954,480
2015							61,923,125	75,914,747
2016								69,229,336
2017								
2018								
2019								
2020								
2021 (6 Mo)								
Totals:								
2009 & Prior	N/A	903,598,184	917,177,034	868,550,428	814,139,976	764,834,769	743,531,665	719,486,948
2010 & Prior		968,576,573	987,061,958	933,224,095	870,587,801	808,582,121	779,042,467	751,958,390
2011 & Prior			1,059,953,897	1,004,530,547	936,259,596	873,669,964	846,389,769	812,472,875
2012 & Prior				1,085,747,642	1,013,006,165	940,784,387	904,198,933	855,767,761
2013 & Prior					1,089,407,071	1,003,141,494	965,045,130	910,007,875
2014 & Prior						1,072,879,130	1,045,391,825	994,962,354
2015 & Prior							1,107,314,950	1,070,877,102
2016 & Prior								1,140,106,438

Note: (a) Based on historical estimates of ultimate loss and ALAE at birth year level before inflation and anticipated investment income as shown in Column (7) of Exhibit IV of reserve reports evaluated as of 12/31/2013 and prior.
(b) See Exhibit IV, Sheet 1, Column (2) of reserve reports evaluated as of 12/31/2014 and subsequent.

Ultimate Loss and ALAE

Actual Paid and Current Level Outstanding Before Prospective Inflation and Discount

Before Inflation and Discount

Before Reinsurance Recovery

Ultimate Loss & ALAE - Current Level
Before Inflation and Discount

Birth Year	@ 12/31/17 (a)	@ 12/31/18 (a)	@ 12/31/19 (a)	@ 12/31/20 (a)	@ 3/31/21 (a)	@ 6/30/21 (a)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	29,246,689	29,318,266	30,641,947	30,527,655	30,457,598	30,480,986
1990	14,227,333	14,164,464	14,436,781	15,120,967	15,081,948	15,102,107
1991	30,329,935	30,457,286	31,237,552	29,884,913	29,843,207	29,843,007
1992	58,278,747	58,312,637	57,442,894	58,360,008	58,261,392	58,287,638
1993	50,530,018	50,807,973	54,948,143	55,876,247	55,768,294	55,802,467
1994	23,680,669	23,764,362	24,690,814	25,110,426	25,060,198	25,082,899
1995	35,946,787	36,947,666	37,847,842	38,423,372	38,367,330	38,378,219
1996	33,535,980	33,441,040	34,759,321	35,711,413	35,653,008	35,673,335
1997	44,777,076	45,528,680	50,591,180	51,664,803	51,774,945	51,813,550
1998	75,648,623	78,950,805	84,088,601	85,258,850	85,754,780	85,987,589
1999	30,294,112	31,270,594	31,989,921	32,436,305	32,471,965	32,663,665
2000	24,086,292	24,548,529	23,896,666	24,976,384	22,072,188	22,228,825
2001	32,195,308	32,729,847	33,140,889	35,614,976	35,547,316	35,747,212
2002	78,853,193	80,039,362	81,579,626	85,845,285	85,738,369	86,557,577
2003	20,478,428	20,562,331	19,132,222	19,639,963	19,512,335	19,903,100
2004	32,749,998	32,754,129	35,082,595	34,267,981	34,362,542	35,073,164
2005	39,904,713	39,378,177	41,306,754	42,440,423	42,437,342	43,508,027
2006	59,343,178	60,598,885	59,770,094	61,294,449	60,995,310	62,416,959
2007	48,074,049	47,688,524	47,657,571	48,419,783	47,940,647	49,184,856
2008	65,428,405	62,124,948	62,110,366	64,430,498	63,675,867	65,078,669
2009	74,480,094	72,664,826	75,317,383	76,902,603	76,268,192	78,085,615
2010	37,160,337	36,496,317	38,412,131	38,383,839	38,047,029	39,644,526
2011	66,336,890	63,486,298	62,823,516	62,615,973	62,933,280	64,688,058
2012	41,198,718	44,119,040	44,713,824	43,225,217	42,924,425	44,059,069
2013	52,757,475	42,904,798	41,489,112	39,093,279	38,510,890	39,227,628
2014	70,511,636	65,208,558	49,192,766	47,634,636	46,972,699	48,448,417
2015	64,925,458	67,537,373	75,455,544	83,820,914	85,119,550	88,078,071
2016	56,524,744	40,507,989	33,550,659	29,914,846	29,473,051	30,563,943
2017	69,648,129	72,211,327	68,131,758	61,289,569	59,523,265	63,905,557
2018		83,644,236	91,593,461	85,216,133	88,013,750	84,789,898
2019			87,365,678	81,439,417	76,632,413	82,507,832
2020				70,045,219	68,097,589	68,042,447
2021 (6 Mo)					19,906,644	36,669,504
Totals:						
2017 & Prior	1,361,153,014	1,338,525,030	1,345,438,471	1,358,185,577	1,350,548,959	1,375,514,732
2018 & Prior		1,422,169,266	1,437,031,932	1,443,401,711	1,438,562,710	1,460,304,630
2019 & Prior			1,524,397,610	1,524,841,127	1,515,195,123	1,542,812,462
2020 & Prior				1,594,886,346	1,583,292,712	1,610,854,909
2021 & Prior					1,603,199,356	1,647,524,413

Notes: (a) Based on actual paid loss and ALAE and total outstanding loss & ALAE before inflation and discount as shown in Columns (4) and (3) of Exhibit I, Sheet 1a of reserve reports evaluated as 12/31/2012 and subsequent.

Ultimate Loss and ALAE

Actual Paid and Current Level Outstanding Before Prospective Inflation and Discount

Before Inflation and Discount

Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE - Current Level Before Inflation and Discount							
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (b)	@ 12/31/13 (b)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	30,195,406	31,013,780	30,302,524	32,662,292	31,283,689	31,469,118	30,462,198	30,430,686
1990	16,245,871	13,213,102	13,155,761	14,871,810	14,150,051	13,663,968	13,606,869	13,628,986
1991	25,563,433	24,954,229	27,201,674	32,897,544	30,896,715	30,694,703	30,914,846	31,267,424
1992	52,762,445	50,796,217	51,820,930	63,695,571	60,456,635	60,573,984	58,153,407	58,461,943
1993	53,982,015	52,079,760	47,624,682	56,359,640	52,344,829	51,837,574	52,138,771	51,936,583
1994	20,606,060	19,583,922	21,745,732	25,995,859	25,577,544	24,502,615	24,771,605	24,264,459
1995	36,386,656	33,041,315	31,392,335	32,691,605	36,475,380	34,730,142	35,055,879	35,002,803
1996	41,081,064	38,326,178	28,672,897	34,219,094	34,784,174	34,054,192	32,351,892	32,962,635
1997	48,276,930	51,540,936	48,562,684	51,684,192	54,619,408	48,898,105	46,508,461	46,927,643
1998	67,105,294	73,205,094	70,673,787	78,809,076	81,912,168	84,654,728	84,225,777	82,393,345
1999	35,469,979	39,466,371	34,938,796	36,306,404	37,383,127	32,136,323	31,736,790	30,812,415
2000	30,665,379	28,356,997	23,037,519	27,324,802	24,434,778	23,371,455	22,525,893	22,607,943
2001	29,466,949	32,760,575	30,231,415	34,994,886	33,994,147	30,763,220	31,442,585	32,252,183
2002	89,829,000	88,640,493	98,299,372	102,197,306	100,852,407	93,163,144	87,458,847	82,156,773
2003	17,352,578	21,361,345	22,214,126	22,442,880	21,586,870	19,629,041	18,485,142	18,136,582
2004	41,925,368	37,567,720	36,310,314	34,533,322	35,562,370	32,300,491	30,866,114	29,382,705
2005	63,388,909	78,569,317	73,374,866	69,958,032	57,686,770	46,515,525	42,398,405	41,793,993
2006	56,804,169	63,345,467	71,604,504	69,642,638	68,245,099	68,485,821	67,490,299	66,108,309
2007	43,932,498	62,882,409	72,358,633	69,436,362	65,669,897	61,030,854	55,614,372	55,288,691
2008	70,240,739	66,960,112	80,058,011	74,863,254	76,924,563	72,115,450	74,397,721	67,287,501
2009	65,842,195	70,271,249	83,227,624	81,077,021	81,914,437	68,475,520	66,638,074	68,736,752
2010		64,978,389	70,135,006	70,499,869	62,574,064	48,496,715	39,378,914	36,647,659
2011			72,891,940	77,584,464	72,600,196	71,996,315	74,559,791	68,192,855
2012				81,217,094	77,309,410	67,729,133	58,440,532	44,610,051
2013					76,400,906	62,478,164	61,072,531	55,495,022
2014						69,737,636	80,485,475	86,783,624
2015							61,923,125	77,433,227
2016								69,229,336
2017								
2018								
2019								
2020								
2021 (6 Mo)								
Totals:								
2009 & Prior	937,122,936	977,936,586	996,808,186	1,046,663,592	1,026,755,059	963,065,973	937,243,949	921,840,352
2010 & Prior		1,042,914,976	1,066,943,192	1,117,163,461	1,089,329,123	1,011,562,688	976,622,863	958,488,010
2011 & Prior			1,139,835,132	1,194,747,925	1,161,929,319	1,083,559,003	1,051,182,654	1,026,680,865
2012 & Prior				1,275,965,019	1,239,238,729	1,151,288,136	1,109,623,186	1,071,290,917
2013 & Prior					1,315,639,635	1,213,766,300	1,170,695,717	1,126,785,939
2014 & Prior						1,283,503,936	1,251,181,192	1,213,569,563
2015 & Prior							1,313,104,318	1,291,002,789
2016 & Prior								1,360,232,125

Notes: (a) Based on actual paid loss and ALAE and total outstanding loss & ALAE before inflation and discount as shown in Columns (4) and (3) of Exhibit I, Sheet 1c of reserve reports evaluated as of 12/31/11 and prior.

(b) Based on actual paid loss and ALAE and total outstanding loss & ALAE before inflation and discount as shown in Columns (4) and (3) of Exhibit I, Sheet 1a of reserve reports evaluated as 12/31/2012 and subsequent.

Ultimate Loss and ALAE
Actual Paid and Current Level Outstanding After Prospective Inflation and Discount
After Inflation and Discount
Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE - Current Level After Inflation and Discount					
	@ 12/31/17 (a)	@ 12/31/18 (a)	@ 12/31/19 (a)	@ 12/31/20 (a)	@ 3/31/21 (a)	@ 6/30/21 (a)
	(1)	(2)	(3)	(4)	(5)	(6)
1989	25,964,034	26,130,433	27,222,831	27,189,842	27,158,893	27,202,519
1990	12,789,992	12,789,755	13,071,891	13,699,210	13,687,675	13,726,266
1991	25,047,376	25,355,757	26,159,983	25,733,167	25,751,511	25,802,071
1992	48,119,766	48,471,434	48,324,122	49,370,979	49,368,215	49,462,306
1993	43,010,446	43,548,946	47,379,003	48,465,904	48,418,216	48,495,392
1994	19,083,459	19,270,039	19,734,252	20,163,589	20,144,469	20,175,040
1995	29,702,005	30,676,297	31,578,889	32,270,869	32,294,268	32,353,031
1996	27,972,026	27,994,856	29,227,019	30,170,670	30,181,757	30,257,066
1997	36,234,683	37,068,365	41,312,312	42,438,878	42,590,079	42,706,197
1998	61,025,424	63,895,585	68,531,557	69,995,650	70,474,814	70,766,017
1999	26,214,859	27,176,655	28,058,332	28,563,974	28,640,501	28,839,498
2000	19,495,776	20,137,823	19,592,649	20,541,722	18,391,924	18,563,223
2001	25,986,782	26,591,498	26,906,762	29,116,776	29,106,394	29,305,275
2002	62,535,820	63,958,182	66,312,928	70,240,158	70,274,400	71,025,642
2003	17,106,855	17,290,259	16,553,714	17,090,315	17,016,227	17,363,430
2004	25,376,483	25,364,821	27,064,727	26,867,874	26,980,523	27,545,569
2005	30,379,108	30,343,034	32,212,080	33,376,030	33,421,160	34,242,779
2006	45,855,599	47,019,519	47,003,796	48,578,536	48,419,051	49,558,930
2007	38,254,985	38,309,381	38,639,420	39,563,234	39,247,538	40,265,569
2008	46,953,609	45,133,053	45,569,914	47,854,327	47,406,223	48,505,264
2009	55,417,658	54,524,864	56,539,423	58,186,370	57,854,250	59,283,522
2010	26,463,338	25,270,979	26,648,959	26,850,419	26,648,895	27,767,433
2011	46,583,905	44,915,237	44,967,366	45,502,429	45,751,588	47,018,712
2012	28,754,324	30,887,223	31,541,020	30,630,727	30,438,443	31,253,569
2013	36,709,393	30,212,648	29,566,379	27,895,355	27,640,013	28,294,506
2014	48,382,677	45,234,556	34,771,144	33,651,923	33,380,519	34,528,038
2015	43,925,745	46,009,484	51,643,548	56,955,190	58,037,607	60,384,004
2016	37,786,424	27,158,139	22,583,592	20,037,291	19,802,228	20,562,812
2017	46,007,205	47,971,650	45,376,024	40,726,533	39,734,267	42,876,073
2018		54,950,285	60,704,764	56,394,582	58,506,470	56,708,165
2019			57,062,002	53,338,582	50,481,847	54,465,106
2020				45,153,998	44,092,831	44,160,609
2021 (6 Mo)					12,751,388	23,597,428
Totals:						
2017 & Prior	1,037,139,753	1,028,710,472	1,044,093,637	1,061,727,940	1,058,261,646	1,078,129,752
2018 & Prior		1,083,660,757	1,104,798,401	1,118,122,521	1,116,768,116	1,134,837,917
2019 & Prior			1,161,860,403	1,171,461,103	1,167,249,963	1,189,303,023
2020 & Prior				1,216,615,101	1,211,342,794	1,233,463,632
2021 & Prior					1,224,094,182	1,257,061,060

Notes: (a) Based on actual paid loss and ALAE and total outstanding loss & ALAE after inflation and discount as shown in Columns (4) and (7) of Exhibit I, Sheet 1a of reserve reports evaluated as of 12/31/2012 and subsequent.

Ultimate Loss and ALAE

Actual Paid and Current Level Outstanding After Prospective Inflation and Discount

After Inflation and Discount

Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE - Current Level After Inflation and Discount							
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (b)	@ 12/31/13 (b)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	24,441,344	25,948,541	25,509,442	27,506,772	26,769,383	27,123,053	26,805,426	26,875,438
1990	12,808,521	11,232,113	11,625,555	13,159,030	12,801,141	12,365,439	12,168,747	12,239,885
1991	18,982,292	18,925,551	21,097,411	25,311,770	24,687,061	24,806,078	25,189,482	25,655,032
1992	39,675,481	38,220,549	40,222,982	49,327,350	47,876,956	48,344,732	47,216,267	47,716,384
1993	42,880,334	41,791,486	38,731,321	45,788,530	43,090,047	42,973,732	43,558,848	43,718,010
1994	15,511,446	15,277,614	16,761,793	20,064,060	19,867,432	19,099,948	19,373,601	19,131,405
1995	26,915,196	25,514,756	24,594,274	26,029,492	29,127,651	28,045,372	28,516,389	28,704,502
1996	30,841,922	29,640,210	23,306,497	27,492,683	28,231,067	27,759,412	26,648,821	27,352,277
1997	37,297,553	38,408,874	37,115,006	40,113,754	42,286,861	38,419,803	37,124,460	37,480,903
1998	50,964,904	55,458,158	54,498,067	60,767,030	63,468,215	66,084,761	66,580,979	65,785,746
1999	29,196,428	32,383,479	29,184,644	30,565,329	31,550,950	27,490,519	27,363,332	26,703,909
2000	23,206,043	21,551,843	18,016,710	21,062,633	18,979,138	18,396,036	18,031,693	18,245,985
2001	21,941,809	24,613,890	23,226,853	26,851,692	26,301,482	24,310,745	24,937,568	25,715,250
2002	69,791,893	66,487,667	73,147,995	76,262,326	76,648,996	71,252,206	68,058,132	64,256,069
2003	14,143,138	16,698,172	17,581,858	17,921,235	17,572,173	16,171,414	15,546,083	15,438,664
2004	29,160,067	26,493,106	26,130,395	25,034,954	26,012,771	25,020,810	24,172,266	23,094,449
2005	43,464,402	54,307,547	51,711,604	49,769,567	41,687,280	34,811,925	31,964,475	31,792,568
2006	38,500,429	43,369,044	50,126,583	49,183,485	48,785,647	51,478,446	50,784,676	50,336,631
2007	29,545,510	42,718,969	50,113,793	48,454,775	46,503,833	44,110,521	43,132,964	43,330,168
2008	46,611,215	44,717,134	54,385,826	51,148,205	52,939,180	50,395,677	52,713,571	49,345,410
2009	43,322,464	46,499,415	56,182,157	55,061,598	56,275,559	47,843,080	47,160,268	49,202,596
2010		42,506,678	46,963,905	47,244,604	42,551,480	33,550,530	27,627,157	25,943,105
2011			48,135,149	51,255,567	48,664,196	49,025,594	51,459,755	47,536,597
2012				53,164,473	51,304,216	45,663,550	40,043,978	30,959,093
2013					50,356,222	41,890,895	41,626,313	38,253,503
2014						46,089,913	54,048,934	58,832,041
2015							41,099,116	51,838,255
2016								45,882,758
2017								
2018								
2019								
2020								
2021 (6 Mo)								
Totals:								
2009 & Prior	689,202,391	720,258,115	743,270,767	786,876,268	781,462,826	746,303,711	737,048,047	732,121,282
2010 & Prior		762,764,793	790,234,672	834,120,872	824,014,306	779,854,241	764,675,204	758,064,387
2011 & Prior			838,369,821	885,376,439	872,678,502	828,879,835	816,134,960	805,600,984
2012 & Prior				938,540,911	923,982,718	874,543,385	856,178,937	836,560,077
2013 & Prior					974,338,940	916,434,280	897,805,250	874,813,580
2014 & Prior						962,524,193	951,854,184	933,645,621
2015 & Prior							992,953,300	985,483,876
2016 & Prior								1,031,366,635

Notes: (a) Based on actual paid loss and ALAE and total outstanding loss & ALAE after inflation and discount as shown in Columns (4) and (7) of Exhibit I, Sheet 1c of reserve reports evaluated as of 12/31/11 and prior.

(b) Based on actual paid loss and ALAE and total outstanding loss & ALAE after inflation and discount as shown in Columns (4) and (7) of Exhibit I, Sheet 1a of reserve reports evaluated as of 12/31/2012 and subsequent.

Adjusted to Birth Year Level

Birth Year	BY Level Paid (a) Loss & ALAE @ 6/30/21	Estimated Unpaid Loss & ALAE @ 6/30/21 Based on Increased Utilization Rate of (b)			Indicated Ultimate Loss & ALAE Based on Increased Utilization Rate of			Selected Total Limits Ultimate Loss & ALAE	Difference Between Selected Ultimate and Incremental Payment Method		
		1.00%	2.00%	3.00%	1.00% (2) + (3)	2.00% (2) + (4)	3.00% (2) + (5)		1.00% (9) - (6)	2.00% (9) - (7)	3.00% (9) - (8)
		(3)	(4)	(5)	(6)	(7)	(8)		(10)	(11)	(12)
1989	12,422,702	9,245,667	11,829,433	15,450,736	21,668,369	24,252,135	27,873,437	22,741,698	1,073,329	(1,510,437)	(5,131,740)
1990	4,889,704	4,150,735	4,790,669	5,587,054	9,040,440	9,680,374	10,476,758	10,675,017	1,634,577	994,643	198,259
1991	7,429,395	13,620,673	16,743,007	20,968,212	21,050,068	24,172,402	28,397,606	20,887,663	(162,405)	(3,284,739)	(7,509,943)
1992	12,236,036	25,824,710	31,872,161	40,141,162	38,060,747	44,108,197	52,377,198	40,969,771	2,909,024	(3,138,426)	(11,407,427)
1993	17,800,780	22,103,082	26,918,931	33,438,766	39,903,863	44,719,711	51,239,546	41,141,805	1,237,943	(3,577,906)	(10,097,741)
1994	6,387,871	11,341,442	15,039,277	20,587,610	17,729,313	21,427,148	26,975,481	18,517,613	788,300	(2,909,535)	(8,457,868)
1995	8,925,648	19,569,355	24,089,031	30,343,910	28,495,003	33,014,679	39,269,558	27,692,144	(802,859)	(5,322,535)	(11,577,414)
1996	8,413,811	14,858,371	17,071,325	19,915,065	23,272,181	25,485,136	28,328,875	26,175,897	2,903,716	690,761	(2,152,978)
1997	10,344,095	25,950,365	31,935,222	40,287,460	36,294,460	42,279,316	50,631,555	37,355,085	1,060,625	(4,924,231)	(13,276,470)
1998	18,199,778	40,393,309	48,300,728	59,032,360	58,593,086	66,500,505	77,232,137	62,649,526	4,056,440	(3,850,979)	(14,582,611)
1999	10,339,571	9,770,138	11,071,766	12,740,349	20,109,709	21,411,338	23,079,920	24,472,532	4,362,824	3,061,195	1,392,613
2000	5,497,561	7,004,174	7,969,725	9,218,825	12,501,735	13,467,286	14,716,387	16,523,213	4,021,478	3,055,927	1,806,826
2001	7,511,821	17,173,478	20,280,982	24,489,414	24,685,299	27,792,803	32,001,235	27,023,591	2,338,292	(769,212)	(4,977,644)
2002	15,103,063	39,117,002	44,677,217	51,957,264	54,220,065	59,780,280	67,060,327	64,472,941	10,252,876	4,692,662	(2,587,385)
2003	4,570,904	8,642,954	9,380,932	10,293,255	13,213,859	13,951,836	14,864,159	15,161,821	1,947,962	1,209,985	297,662
2004	5,163,095	19,001,184	22,690,079	27,797,520	24,164,280	27,853,174	32,960,616	26,526,096	2,361,817	(1,327,078)	(6,434,519)
2005	7,832,139	22,005,894	24,990,590	28,909,895	29,838,033	32,822,729	36,742,034	34,235,943	4,397,910	1,413,214	(2,506,091)
2006	9,135,407	34,231,080	39,194,919	45,796,928	43,366,487	48,330,326	54,932,335	49,297,847	5,931,360	967,520	(5,634,488)
2007	10,027,600	26,308,070	28,567,646	31,399,314	36,335,670	38,595,246	41,426,914	40,478,375	4,142,706	1,883,130	(948,538)
2008	6,186,832	41,569,954	48,806,367	58,755,646	47,756,786	54,993,200	64,942,478	55,567,659	7,810,872	574,459	(9,374,820)
2009	8,720,042	47,172,880	54,661,420	64,837,553	55,892,922	63,381,462	73,557,595	67,914,069	12,021,147	4,532,607	(5,643,526)
2010	3,306,704	28,251,453	34,894,604	44,597,096	31,558,157	38,201,308	47,903,800	34,507,146	2,948,989	(3,694,162)	(13,396,654)
2011	5,566,122	38,619,072	44,242,352	51,825,185	44,185,194	49,808,474	57,391,307	56,492,450	12,307,256	6,683,976	(898,858)
2012	3,692,620	31,045,516	36,286,145	43,525,078	34,738,136	39,978,765	47,217,698	38,637,630	3,899,493	(1,341,135)	(8,580,068)
2013	5,489,181	22,944,415	24,872,631	27,319,855	28,433,596	30,361,812	32,809,036	37,523,182	9,089,585	7,161,370	4,714,145
2014	6,190,029	27,861,916	29,916,452	32,498,013	34,051,945	36,106,481	38,688,042	46,633,453	12,581,508	10,526,972	7,945,412
2015	5,326,139	62,290,765	69,156,400	78,165,959	67,616,904	74,482,539	83,492,098	84,811,107	17,194,203	10,328,567	1,319,009
2016	1,053,551	24,622,962	27,168,819	30,493,504	25,676,513	28,222,369	31,547,055	29,994,660	4,318,147	1,772,291	(1,552,394)
2017	2,463,563	52,312,617	56,882,050	62,756,056	54,776,179	59,345,613	65,219,619	62,855,030	8,078,851	3,509,417	(2,364,589)
2018	3,489,002	71,391,652	78,576,660	87,970,548	74,880,655	82,065,662	91,459,550	83,584,064	8,703,409	1,518,402	(7,875,486)
2019	1,928,097	66,453,065	73,020,734	81,603,134	68,381,162	74,948,831	83,531,230	81,511,028	13,129,866	6,562,197	(2,020,203)
2020	22,293	53,168,066	57,849,387	63,898,915	53,190,359	57,871,679	63,921,208	67,894,804	14,704,445	10,023,125	3,973,596
2021 (6 Mo)	0	27,146,163	30,402,920	34,758,504	27,146,163	30,402,920	34,758,504	36,669,504	9,523,341	6,266,584	1,911,000
Totals:	235,665,155	965,162,181	1,104,150,581	1,291,360,143	1,200,827,336	1,339,815,736	1,527,025,298	1,391,594,364	190,767,028	51,778,628	(135,430,935)
Excl. 2021	235,665,155	938,016,018	1,073,747,661	1,256,601,639	1,173,681,173	1,309,412,816	1,492,266,794	1,354,924,859	181,243,687	45,512,044	(137,341,935)

Notes: (a) See Exhibit VIII, Sheet 1, Column (2).

(b) See totals by birth year on Appendix E, Exhibit III, Sheet 1g based on increased utilization rate of 2.00%.

Payment Pattern - 2021 Level - Before Inflation and Investment Income (a)
Actual and Estimated Incremental Payments - 2021 Cost Level

Year of Birth	Maturity (months) 6:18	Maturity (months) 18:30	Maturity (months) 30:42	Maturity (months) 42:54	Maturity (months) 54:66	Maturity (months) 66:78	Maturity (months) 78:90	Maturity (months) 90:102	Maturity (months) 102:114	Maturity (months) 114:126	Maturity (months) 126:138	Maturity (months) 138:150	Maturity (months) 150:162	Maturity (months) 162:174	Maturity (months) 174:186	Maturity (months) 186:198	Maturity (months) 198:210	Maturity (months) 210:222
1989	0	0	2,310,343	1,373,262	1,280,570	635,310	616,465	517,503	760,084	501,513	459,896	1,769,645	404,440	486,985	484,765	501,478	495,875	445,819
1990	0	596,238	866,773	37,396	450,802	301,651	169,787	147,444	122,971	104,739	88,162	142,469	239,672	335,052	402,897	350,295	318,939	128,860
1991	319,592	14,287	190,845	526,858	417,818	140,937	128,898	56,124	65,406	147,335	140,388	178,933	160,736	150,813	181,268	181,182	530,848	551,807
1992	21,484	377,728	1,272,880	1,210,724	511,642	438,593	360,026	346,353	290,541	298,090	330,315	483,322	469,586	369,749	413,645	441,935	528,410	566,250
1993	12,478	515,910	1,083,959	867,673	1,173,356	1,369,691	972,906	936,793	1,137,615	1,086,772	859,334	962,897	1,136,961	942,474	769,427	801,932	738,034	775,862
1994	287,258	1,205,882	477,177	536,460	1,058,721	390,993	424,191	363,424	204,517	79,510	375,529	583,122	95,775	90,238	205,571	159,177	179,173	153,317
1995	5,709	327,285	744,225	570,178	94,158	265,103	102,537	181,465	222,389	326,362	915,688	310,938	580,829	68,397	502,165	1,385,414	349,019	458,975
1996	153,683	830,986	356,844	657,869	600,806	857,299	470,868	354,630	419,460	423,445	346,270	440,022	335,925	489,287	449,922	450,394	333,451	470,506
1997	21,716	965,911	438,759	328,660	874,649	675,634	523,905	331,055	445,375	348,217	593,403	573,522	860,778	597,742	629,221	1,067,322	630,874	548,796
1998	274,213	893,457	1,267,956	856,295	638,495	591,357	1,772,607	738,410	888,231	737,203	1,017,705	936,836	1,216,004	1,072,981	1,162,563	1,403,274	1,298,510	1,304,676
1999	870,397	621,096	480,848	892,541	588,556	556,642	488,308	1,304,982	752,839	761,205	731,638	855,762	720,567	557,777	698,199	666,742	456,372	526,824
2000	765,990	411,781	759,229	645,234	264,081	257,952	190,468	200,048	195,762	225,169	310,942	241,439	263,443	340,799	316,957	281,792	329,101	314,132
2001	308,228	396,283	1,064,816	415,061	537,026	1,148,896	462,965	340,122	290,493	363,253	312,377	427,713	469,142	524,756	507,571	460,031	446,037	511,148
2002	299,664	777,768	1,016,487	914,592	879,447	1,118,287	1,488,472	995,729	1,028,192	948,532	1,165,456	1,387,413	1,078,512	1,097,894	1,086,044	1,059,636	1,017,094	1,125,836
2003	282,645	347,141	160,529	152,778	568,447	506,913	165,802	218,895	307,087	301,556	308,501	492,687	376,335	382,784	363,620	332,257	277,860	386,628
2004	161,094	478,853	727,092	555,278	538,287	292,615	522,987	298,644	231,110	347,841	396,556	284,288	302,956	333,129	352,604	429,986	368,253	430,704
2005	4,340	257,740	909,104	942,637	768,939	1,180,407	841,200	506,640	509,175	456,664	481,807	467,174	591,909	457,383	728,388	801,254	586,438	625,106
2006	34,484	528,521	358,144	1,107,203	885,948	1,939,127	826,022	664,355	627,837	697,921	738,731	717,558	674,087	815,666	800,666	1,044,038	818,581	874,112
2007	142,774	716,105	977,587	1,139,361	952,523	1,072,980	946,299	976,131	921,937	959,759	832,272	863,324	1,012,306	874,846	950,118	1,082,178	839,781	887,343
2008	143,931	423,717	631,858	725,864	372,151	429,863	688,552	653,988	742,774	757,800	557,745	664,997	772,116	767,982	806,979	931,769	733,225	785,889
2009	514,519	612,282	1,028,631	909,045	523,099	595,634	810,282	1,407,642	616,711	674,987	719,078	977,844	970,358	908,232	953,297	1,099,469	864,191	925,167
2010	377,883	774,414	436,572	451,620	223,546	174,249	252,002	190,930	179,634	177,713	291,742	397,925	404,220	380,254	401,181	465,137	367,574	395,681
2011	97,646	308,059	975,844	692,983	835,894	637,546	598,802	615,878	522,531	604,051	721,120	787,587	795,480	743,969	780,260	899,166	706,162	755,343
2012	52,399	389,257	806,046	658,654	367,607	274,952	448,528	412,365	463,258	453,750	500,696	548,045	554,770	520,022	546,650	631,446	497,107	533,043
2013	335,126	708,086	1,204,125	721,430	586,876	697,223	663,304	802,817	477,546	495,001	540,557	585,460	586,322	543,629	565,133	645,400	502,204	532,129
2014	287,158	1,124,636	780,820	1,504,354	1,025,106	771,903	919,287	705,219	601,895	622,728	678,751	733,719	733,363	678,611	704,022	802,348	623,004	658,693
2015	3,752	757,194	1,017,691	1,311,840	862,159	1,539,529	1,267,087	1,160,329	997,121	1,038,812	1,140,255	1,241,418	1,249,837	1,165,084	1,217,844	1,398,652	1,094,604	1,166,665
2016	387,592	146,415	103,535	245,684	197,095	534,780	495,177	453,175	389,188	405,202	444,484	483,602	486,557	453,256	473,454	543,361	424,934	452,574
2017	424,816	294,090	590,684	1,199,562	1,045,423	1,228,841	1,135,341	1,036,726	888,335	922,772	1,009,882	1,096,174	1,100,239	1,022,443	1,065,354	1,219,555	951,274	1,010,460
2018	208,905	1,698,392	1,627,870	1,400,798	1,253,176	1,476,461	1,367,326	1,251,534	1,074,986	1,119,391	1,228,102	1,336,395	1,344,779	1,252,945	1,308,997	1,502,533	1,175,259	1,251,927
2019	400,276	1,543,937	900,969	1,287,683	1,151,908	1,357,063	1,256,671	1,150,174	987,858	1,028,595	1,128,410	1,227,827	1,235,443	1,150,992	1,202,395	1,380,066	1,079,383	1,149,707
2020	22,378	442,806	760,794	1,084,402	968,626	1,139,437	1,053,551	962,791	825,636	858,331	940,122	1,021,296	1,025,942	954,214	995,127	1,140,178	890,169	946,434
2021	20,626	180,356	313,038	449,540	403,192	476,254	442,200	405,822	349,508	364,933	401,476	438,097	442,096	413,094	432,846	498,339	390,994	417,813

Notes: (a) For the actual incremental payments at 2021 level, see Appendix E, Exhibit IV, Sheets 3a through 3d. For the estimates of average incremental payments at 2021 level, see Appendix E, Exhibit III, Sheets 1a through 1g, then adjusted to 2021 level (factors from Appendix E, Exhibit II, Sheet 3, Column (5)).

Average Incremental Payments Per Open Accepted Claim - 2021 Cost Level (a)
Actual and Estimated Incremental Payments - 2021 Cost Level

Year of Birth	Maturity (months) 6:18	Maturity (months) 18:30	Maturity (months) 30:42	Maturity (months) 42:54	Maturity (months) 54:66	Maturity (months) 66:78	Maturity (months) 78:90	Maturity (months) 90:102	Maturity (months) 102:114	Maturity (months) 114:126	Maturity (months) 126:138	Maturity (months) 138:150	Maturity (months) 150:162	Maturity (months) 162:174	Maturity (months) 174:186	Maturity (months) 186:198	Maturity (months) 198:210	Maturity (months) 210:222
1989			288,793	171,658	142,286	79,414	77,058	64,688	95,011	62,689	65,699	294,941	67,407	97,397	96,953	100,296	99,175	89,164
1990		119,248	123,825	5,342	64,400	43,093	24,255	21,063	17,567	14,963	12,595	20,353	34,239	47,865	57,557	58,382	79,735	32,215
1991	319,592	14,287	63,615	131,715	104,454	35,234	32,225	14,031	16,351	36,834	35,097	44,733	40,184	37,703	45,317	45,295	132,712	137,952
1992	10,742	53,961	106,073	93,133	39,357	36,549	30,002	28,863	26,413	27,099	30,029	43,938	42,690	33,614	41,365	44,194	52,841	62,917
1993	6,239	57,323	98,542	78,879	106,669	124,517	88,446	85,163	103,420	98,797	78,121	87,536	103,360	94,247	85,492	100,241	92,254	96,983
1994	143,629	401,961	79,529	89,410	151,246	55,856	84,838	72,685	51,129	19,877	93,882	145,781	23,944	22,559	51,393	39,794	44,793	38,329
1995		65,457	124,038	95,030	15,693	44,184	20,507	36,293	44,478	65,272	183,138	62,188	116,166	13,679	100,433	277,083	69,804	91,795
1996	76,842	207,746	71,369	131,574	100,134	142,883	78,478	59,105	69,910	70,574	57,712	73,337	55,988	81,548	74,987	75,066	55,575	78,418
1997	10,858	120,739	54,845	46,951	109,331	75,070	58,212	36,784	49,486	38,691	65,934	63,725	95,642	66,416	69,913	118,591	78,859	68,599
1998	45,702	127,637	126,796	71,358	58,045	49,280	147,717	61,534	74,019	61,434	84,809	78,070	101,334	89,415	96,880	116,940	108,209	108,723
1999	290,132	207,032	96,170	127,506	73,570	69,580	69,758	186,426	107,548	108,744	104,520	122,252	120,094	92,963	139,640	166,685	114,093	131,706
2000	255,330	82,356	151,846	129,047	52,816	51,590	38,094	40,010	39,152	45,034	62,188	48,288	52,689	68,160	63,391	56,358	65,820	62,826
2001		198,141	532,408	138,354	134,256	287,224	115,741	85,030	72,623	90,813	78,094	106,928	117,286	131,189	126,893	115,008	111,509	127,787
2002	74,916	129,628	92,408	76,216	62,818	74,552	99,231	66,382	68,546	63,235	77,697	99,101	77,037	78,421	83,542	81,510	78,238	86,603
2003			80,265	50,926	189,482	168,971	55,267	72,965	102,362	100,519	102,834	164,229	125,445	127,595	121,207	110,752	92,620	128,876
2004		239,427	242,364	138,820	107,657	58,523	104,597	59,729	46,222	69,568	79,311	56,858	60,591	66,626	70,521	85,997	73,651	86,141
2005	4,340	51,548	113,638	94,264	76,894	118,041	93,467	56,293	63,647	65,238	68,830	66,739	84,558	65,340	104,055	114,465	83,777	90,672
2006	17,242	264,260	44,768	123,023	88,595	193,913	82,602	66,436	62,784	69,792	82,081	79,729	74,899	90,630	88,963	116,004	92,159	99,744
2007		179,026	139,655	142,420	119,065	134,122	118,287	122,016	115,242	137,108	118,896	123,332	144,615	124,978	135,731	158,186	125,669	136,013
2008	71,965	70,619	78,982	80,652	41,350	42,986	68,855	65,399	74,277	84,200	61,972	73,889	85,791	85,331	90,484	105,454	83,777	90,672
2009	128,630	102,047	114,292	101,005	52,310	59,563	81,028	140,764	61,671	67,499	71,908	97,784	97,036	91,737	97,276	113,369	90,065	97,478
2010	188,942	258,138	72,762	75,270	37,258	34,850	50,400	38,186	35,927	35,543	58,348	79,585	81,239	76,802	81,441	94,914	75,403	81,609
2011	48,823	44,008	97,584	62,998	83,589	63,755	59,880	61,588	52,253	60,405	72,112	79,585	81,239	76,802	81,441	94,914	75,403	81,609
2012	26,199	97,314	115,149	94,093	52,515	39,279	64,075	58,909	66,180	64,821	72,112	79,585	81,239	76,802	81,441	94,914	75,403	81,609
2013	111,709	118,014	172,018	103,061	83,839	99,603	94,758	114,688	68,221	72,020	80,120	88,423	90,261	85,331	90,484	105,454	83,777	90,672
2014	47,860	140,579	78,082	150,435	113,901	85,767	102,143	78,358	68,221	72,020	80,120	88,423	90,261	85,331	90,484	105,454	83,777	90,672
2015	1,876	126,199	101,769	109,320	57,477	102,635	84,472	78,358	68,221	72,020	80,120	88,423	90,261	85,331	90,484	105,454	83,777	90,672
2016		48,805	20,707	49,137	39,419	90,021	84,472	78,358	68,221	72,020	80,120	88,423	90,261	85,331	90,484	105,454	83,777	90,672
2017	424,816	42,013	49,224	92,274	79,191	90,021	84,472	78,358	68,221	72,020	80,120	88,423	90,261	85,331	90,484	105,454	83,777	90,672
2018	41,781	141,533	108,525	96,124	79,191	90,021	84,472	78,358	68,221	72,020	80,120	88,423	90,261	85,331	90,484	105,454	83,777	90,672
2019	80,055	154,394	101,818	96,124	79,191	90,021	84,472	78,358	68,221	72,020	80,120	88,423	90,261	85,331	90,484	105,454	83,777	90,672
2020	5,595	125,818	101,818	96,124	79,191	90,021	84,472	78,358	68,221	72,020	80,120	88,423	90,261	85,331	90,484	105,454	83,777	90,672
2021	105,492	125,818	101,818	96,124	79,191	90,021	84,472	78,358	68,221	72,020	80,120	88,423	90,261	85,331	90,484	105,454	83,777	90,672

Notes: (a) For the actual average incremental payments per open accepted claim at 2021 level, see Appendix E, Exhibit IV, Sheets 1a through 1d. For the estimates of average incremental payments per open accepted claim at 2021 level, see Appendix E, Exhibit III, Sheets 2a through 2g, then adjusted to 2021 level (factors from Appendix E, Exhibit II, Sheet 3, Column (5)).

Summary of 2021 Level Incremental Payments by Maturity

2021 Level (a)				2021 Level (a)			
Maturity (Months)	Average Incremental Payments per Open Accepted Claim Based on Annual Increase Utilization Rate of			Maturity (Months)	Average Incremental Payments per Open Accepted Claim Based on Annual Increase Utilization Rate of		
	1.00%	2.00%	3.00%		1.00%	2.00%	3.00%
	(1)	(2)	(3)		(4)	(5)	(6)
6:18	105,862	105,862	105,862	738:750	157,194	211,251	283,081
18:30	126,260	126,260	126,260	750:762	158,766	215,476	291,574
30:42	102,176	102,176	102,176	762:774	160,354	219,786	300,321
42:54	96,461	96,461	96,461	774:786	161,957	224,182	309,331
54:66	79,469	79,469	79,469	786:798	163,577	228,665	318,611
66:78	90,337	90,337	90,337	798:810	165,212	233,239	328,169
78:90	84,769	84,769	84,769	810:822	166,865	237,903	338,014
90:102	78,633	78,633	78,633	822:834	168,533	242,662	348,154
102:114	68,460	68,460	68,460	834:846	170,218	247,515	358,599
114:126	72,273	72,273	72,273	846:858	171,921	252,465	369,357
126:138	80,401	80,401	80,401	858:870	173,640	257,514	380,438
138:150	88,733	88,733	88,733	870:882	175,376	262,665	391,851
150:162	90,578	90,578	90,578	882:894	177,130	267,918	403,606
162:174	85,631	85,631	85,631	894:906	178,901	273,276	415,715
174:186	90,802	90,802	90,802	906:918	180,690	278,742	428,186
186:198	105,824	105,824	105,824	918:930	182,497	284,317	441,032
198:210	84,071	84,071	84,071	930:942	184,322	290,003	454,262
210:222	90,991	90,991	90,991	942:954	186,165	295,803	467,890
222:234	94,485	94,485	94,485	954:966	188,027	301,719	481,927
234:246	102,566	102,566	102,566	966:978	189,907	307,753	496,385
246:258	100,024	100,024	100,024	978:990	191,806	313,909	511,276
258:270	107,696	107,696	107,696	990:1002	193,725	320,187	526,615
270:282	102,000	102,000	102,000	1002:1014	195,662	326,590	542,413
282:294	103,530	103,530	103,530	1014:1026	197,618	333,122	558,686
294:306	105,083	105,083	105,083	1026:1038	199,595	339,785	575,446
306:318	106,659	106,659	106,659	1038:1050	201,591	346,580	592,709
318:330	108,259	108,259	108,259	1050:1062	203,606	353,512	610,491
330:342	109,883	109,883	109,883	1062:1074	205,642	360,582	628,806
342:354	111,531	111,531	111,531	1074:1086	207,699	367,794	647,670
354:366	113,204	113,204	113,204	1086:1098	209,776	375,150	667,100
366:378	114,902	114,902	114,902	1098:1110	211,874	382,653	687,113
378:390	116,626	116,626	116,626	1110:1122	213,992	390,306	707,726
390:402	117,792	118,958	120,125	1122:1134	216,132	398,112	728,958
402:414	118,970	121,337	123,728	1134:1146	218,294	406,074	750,827
414:426	120,160	123,764	127,440	1146:1158	220,477	414,196	773,351
426:438	121,361	126,239	131,263	1158:1170	222,681	422,480	796,552
438:450	122,575	128,764	135,201	1170:1182	224,908	430,929	820,449
450:462	123,801	131,340	139,257	1182:1194	227,157	439,548	845,062
462:474	125,039	133,966	143,435	1194:1206	229,429	448,339	870,414
474:486	126,289	136,646	147,738	1206:1218	231,723	457,305	896,526
486:498	127,552	139,379	152,170	1218:1230	234,040	466,452	923,422
498:510	128,827	142,166	156,735	1230:1242	236,381	475,781	951,125
510:522	130,116	145,009	161,437	1242:1254	238,745	485,296	979,658
522:534	131,417	147,910	166,280	1254:1266	241,132	495,002	1,009,048
534:546	132,731	150,868	171,269	1266:1278	243,543	504,902	1,039,320
546:558	134,058	153,885	176,407	1278:1290	245,979	515,000	1,070,499
558:570	135,399	156,963	181,699	1290:1302	248,439	525,300	1,102,614
570:582	136,753	160,102	187,150	1302:1314	250,923	535,806	1,135,693
582:594	138,120	163,304	192,765	1314:1326	253,432	546,522	1,169,763
594:606	139,502	166,570	198,548	1326:1338	255,966	557,453	1,204,856
606:618	140,897	169,902	204,504	1338:1350	258,526	568,602	1,241,002
618:630	142,306	173,300	210,639	1350:1362	261,111	579,974	1,278,232
630:642	143,729	176,766	216,958	1362:1374	263,722	591,573	1,316,579
642:654	145,166	180,301	223,467	1374:1386	266,360	603,405	1,356,076
654:666	146,618	183,907	230,171	1386:1398	269,023	615,473	1,396,759
666:678	148,084	187,585	237,076	1398:1410	271,714	627,782	1,438,662
678:690	149,565	191,337	244,188	1410:1422	274,431	640,338	1,481,821
690:702	151,060	195,164	251,514	1422:1434	277,175	653,145	1,526,276
702:714	152,571	199,067	259,060	1434:1446	279,947	666,208	1,572,064
714:726	154,097	203,048	266,831	1446:1458	282,746	679,532	1,619,226
726:738	155,638	207,109	274,836	1458:1470	285,574	693,122	1,667,803

Note: (a) For average incremental payments from 6:18 to 378:390, see Appendix E, Exhibit IV, Sheets 1a, 1b, 1c, and 1d. For average incremental payments from 390:402 and subsequent, they are based on utilization trend rates of 1.00%, 2.00% and 3.00% for columns (2), (3) and (4) (or (6), (7) and (8)), respectively.

Selected Relativity Factors to Adjust for Difference in Claim Size by Birth Year

All Open Accepted Claims (AAA Only) with Life Expectancy

A. Off-Balance Adjustment Factor

1.00350

Birth Year	Indicated Birth Year Relativity of Remaining Average Annual Loss & ALAE Payments Based on		Selected Relativity Factors to Adjust for Difference in Claim Size By Birth Year	
	Average (a) Incremental Payments to Date	Current (b) Case Outstanding	Before Off-Balance	After Off-Balance (4) / (A)
	(2)	(3)	(4)	(5)
1989	0.660	0.943	0.900	0.897
1990	0.589	0.965	0.800	0.797
1991	1.090	1.206	1.150	1.146
1992	0.806	1.023	0.900	0.897
1993	0.703	0.910	0.900	0.897
1994	0.738	0.822	0.750	0.747
1995	1.120	1.060	1.100	1.096
1996	0.838	1.183	1.050	1.046
1997	0.695	0.877	0.850	0.847
1998	1.047	1.146	1.100	1.096
1999	1.082	1.485	1.350	1.345
2000	0.576	1.108	0.900	0.897
2001	1.265	1.278	1.250	1.246
2002	0.898	1.175	1.050	1.046
2003	1.311	1.468	1.450	1.445
2004	0.764	0.970	0.950	0.947
2005	0.649	0.989	1.000	0.997
2006	1.051	1.116	1.100	1.096
2007	1.583	1.345	1.500	1.495
2008	0.712	1.044	1.000	0.997
2009	1.014	1.131	1.075	1.071
2010	0.621	0.887	0.900	0.897
2011	0.832	0.979	0.900	0.897
2012	0.777	0.850	0.900	0.897
2013	1.395	1.004	1.000	0.997
2014	1.276	0.963	1.000	0.997
2015	1.436	0.933	1.000	0.997
2016	0.636	0.809	1.000	0.997
2017	1.256	0.724	1.000	0.997
2018	1.385	0.749	1.000	0.997
2019	2.689	0.843	1.000	0.997
2020			1.000	0.997
2021			1.000	0.997

Notes: (a) See Appendix E, Exhibit VI, Sheet 1, Column (8).
(b) See Appendix E, Exhibit VI, Sheet 1, Column (11).

Open Accepted Claims (AAA Only) @ 6/30/21									
Birth Year	Paid Basis		Case Outstanding Basis		Reported (a) Open		Ultimate Open	Average Life Expectancy	
	Annual Inflation Factors	2021 Level Adjustment Factors	Annual Inflation Factors	2021 Level Adjustment Factors	Accepted Claim Cts. AAA Only	IBNR (a) Accepted Claim Cts.	Accepted Claim Cts. (6) + (7)	Selected (c) Indicated (b) (9) x 1.235	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	1.75%	1.538	0.81%	1.442	3	-	3	27.02	33.37
1990	1.62%	1.512	0.67%	1.430	3	-	3	14.67	18.12
1991	1.47%	1.488	0.50%	1.420	4	-	4	23.88	29.49
1992	1.54%	1.466	0.44%	1.413	9	-	9	25.57	31.58
1993	1.46%	1.444	0.40%	1.407	8	-	8	24.85	30.69
1994	1.15%	1.423	0.37%	1.401	3	-	3	38.02	46.95
1995	1.05%	1.407	0.36%	1.396	5	-	5	28.52	35.22
1996	1.00%	1.393	0.30%	1.391	6	-	6	20.02	24.72
1997	0.92%	1.379	0.25%	1.387	8	-	8	30.61	37.80
1998	0.94%	1.366	0.30%	1.384	11	-	11	27.47	33.93
1999	0.97%	1.353	0.38%	1.380	3	-	3	20.83	25.73
2000	1.01%	1.340	0.36%	1.374	3	-	3	22.30	27.54
2001	1.13%	1.327	0.34%	1.369	4	-	4	28.59	35.31
2002	1.10%	1.312	0.33%	1.365	13	-	13	24.59	30.37
2003	1.20%	1.298	0.29%	1.360	3	-	3	17.95	22.17
2004	1.41%	1.282	4.94%	1.356	5	-	5	33.09	40.87
2005	1.20%	1.265	0.87%	1.292	7	-	7	26.20	32.36
2006	1.15%	1.250	4.86%	1.281	9	-	9	28.38	35.05
2007	1.03%	1.235	4.55%	1.222	7	-	7	20.86	25.76
2008	13.56%	1.223	0.35%	1.169	9	-	9	34.10	42.11
2009	0.86%	1.077	0.32%	1.165	10	-	10	32.86	40.58
2010	0.89%	1.068	0.36%	1.161	5	-	5	44.17	54.55
2011	0.89%	1.058	0.42%	1.157	10	-	10	32.66	40.34
2012	0.67%	1.049	9.83%	1.152	7	-	7	36.83	45.49
2013	0.56%	1.042	0.72%	1.049	7	-	7	24.65	30.44
2014	0.47%	1.036	0.18%	1.041	9	-	9	23.60	29.15
2015	0.48%	1.031	2.01%	1.040	15	-	15	30.32	37.45
2016	0.76%	1.026	0.22%	1.019	5	1	6	30.00	37.05
2017	0.48%	1.019	0.22%	1.017	13	1	14	28.00	34.58
2018	0.52%	1.014	0.22%	1.015	15	2	17	31.00	38.29
2019	0.45%	1.008	1.01%	1.012	10	6	16	31.00	38.29
2020	0.38%	1.004	0.22%	1.002	4	10	14	29.00	35.82
2021		1.000		1.000	-	7	7	29.00	35.82
Totals:					233	27	260		

Notes: (a) Current reported open accepted claims alive as of June 30, 2021. See Exhibit X, Sheet 1e, Columns (4) and (7).
(b) Current average remaining life expectancy based on NICA physician estimates.
(c) Final selected remaining life expectancy estimated to include consideration of increased life expectancy over time by 0.2 per year.

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate **2.00%**

Year of Birth	Maturity (months) 6:18	Maturity (months) 18:30	Maturity (months) 30:42	Maturity (months) 42:54	Maturity (months) 54:66	Maturity (months) 66:78	Maturity (months) 78:90	Maturity (months) 90:102	Maturity (months) 102:114	Maturity (months) 114:126	Maturity (months) 126:138	Maturity (months) 138:150	Maturity (months) 150:162	Maturity (months) 162:174	Maturity (months) 174:186	Maturity (months) 186:198	Maturity (months) 198:210	Maturity (months) 210:222
1989																		
1990																		
1991																		
1992																		
1993																		
1994																		
1995																		
1996																		
1997																		
1998																		
1999																		
2000																		
2001																		
2002																		
2003																		
2004																		317,548
2005																	453,733	483,651
2006																814,777	638,829	682,165
2007															777,497	885,564	687,206	726,127
2008														657,057	690,422	797,188	627,321	672,378
2009												833,110	779,771	818,462	943,960	741,959	794,311	
2010											342,732	348,154	327,512	345,536	400,621	316,591	340,800	
2011										623,307	680,758	687,581	643,057	674,425	777,203	610,378	652,888	
2012									393,862	434,612	475,712	481,549	451,387	474,501	548,105	431,496	462,690	
2013								455,264	471,904	515,336	558,143	558,965	518,264	538,764	615,287	478,772	507,301	
2014							677,173	577,958	597,962	651,757	704,539	704,198	651,623	676,023	770,438	598,227	632,497	
2015						1,218,895	1,116,197	959,197	999,302	1,096,886	1,194,202	1,202,301	1,120,772	1,171,524	1,345,456	1,052,972	1,122,292	
2016					524,763	485,902	444,686	381,898	397,612	436,158	474,543	477,443	444,766	464,585	533,183	416,974	444,096	
2017				1,028,137	1,208,522	1,116,568	1,019,584	873,647	907,514	993,184	1,078,049	1,082,046	1,005,537	1,047,738	1,199,390	935,545	993,752	
2018				1,380,690	1,235,187	1,455,267	1,347,699	1,233,568	1,059,555	1,103,323	1,210,473	1,317,212	1,325,475	1,234,960	1,290,207	1,480,965	1,158,388	1,233,956
2019			889,984	1,271,984	1,137,864	1,340,518	1,241,350	1,136,151	975,815	1,016,055	1,114,653	1,212,858	1,220,381	1,136,960	1,187,735	1,363,240	1,066,224	1,135,690
2020		441,846	759,143	1,082,049	966,525	1,136,965	1,051,265	960,703	823,845	856,469	938,083	1,019,080	1,023,716	952,144	992,968	1,137,704	888,238	944,381
2021	20,626	180,356	313,038	449,540	403,192	476,254	442,200	405,822	349,508	364,933	401,476	438,097	442,096	413,094	432,846	498,339	390,994	417,813

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 222:234	Maturity (months) 234:246	Maturity (months) 246:258	Maturity (months) 258:270	Maturity (months) 270:282	Maturity (months) 282:294	Maturity (months) 294:306	Maturity (months) 306:318	Maturity (months) 318:330	Maturity (months) 330:342	Maturity (months) 342:354	Maturity (months) 354:366	Maturity (months) 366:378	Maturity (months) 378:390	Maturity (months) 390:402	Maturity (months) 402:414	Maturity (months) 414:426	Maturity (months) 426:438
1989																		
1990																222,036	223,991	225,907
1991																192,201	189,243	186,179
1992																370,795	370,793	372,491
1993																648,573	652,507	656,259
1994																647,643	659,819	659,819
1995																646,524	659,102	659,102
1996																647,643	659,319	659,319
1997																648,573	659,352	659,352
1998																652,507	657,999	657,999
1999																656,259	657,459	657,459
2000																659,819	657,726	657,726
2001																663,179	657,459	657,459
2002																663,179	657,459	657,459
2003																663,179	657,459	657,459
2004																663,179	657,459	657,459
2005																663,179	657,459	657,459
2006																663,179	657,459	657,459
2007																663,179	657,459	657,459
2008																663,179	657,459	657,459
2009																663,179	657,459	657,459
2010																663,179	657,459	657,459
2011																663,179	657,459	657,459
2012																663,179	657,459	657,459
2013																663,179	657,459	657,459
2014																663,179	657,459	657,459
2015																663,179	657,459	657,459
2016																663,179	657,459	657,459
2017																663,179	657,459	657,459
2018																663,179	657,459	657,459
2019																663,179	657,459	657,459
2020																663,179	657,459	657,459
2021																663,179	657,459	657,459

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 438:450	Maturity (months) 450:462	Maturity (months) 462:474	Maturity (months) 474:486	Maturity (months) 486:498	Maturity (months) 498:510	Maturity (months) 510:522	Maturity (months) 522:534	Maturity (months) 534:546	Maturity (months) 546:558	Maturity (months) 558:570	Maturity (months) 570:582	Maturity (months) 582:594	Maturity (months) 594:606	Maturity (months) 606:618	Maturity (months) 618:630	Maturity (months) 630:642	Maturity (months) 642:654
1989	229,604	231,376	233,092	234,748	236,338	237,857	239,298	240,653	241,914	243,073	244,122	245,050	245,847	246,502	247,002	247,336	247,491	247,458
1990	179,735	176,352	172,865	169,275	165,585	161,792	157,897	153,898	149,797	145,592	141,285	136,876	132,368	127,761	123,059	118,266	113,390	108,441
1991	378,007	379,029	379,892	380,589	381,112	381,449	381,587	381,512	381,212	380,671	379,874	378,806	377,447	375,778	373,783	371,441	368,736	365,655
1992	666,321	669,231	671,897	674,304	676,439	678,280	679,807	680,995	681,821	682,259	682,281	681,859	680,960	679,550	677,596	675,063	671,919	668,137
1993	580,633	582,247	583,618	584,735	585,586	586,152	586,414	586,352	585,944	585,167	583,999	582,414	580,384	577,881	574,876	571,340	567,248	562,578
1994	195,749	198,400	201,055	203,713	206,371	209,025	211,673	214,310	216,933	219,537	222,117	224,667	227,182	229,655	232,077	234,443	236,744	238,972
1995	447,712	450,444	453,038	455,486	457,779	459,903	461,843	463,585	465,114	466,411	467,459	468,239	468,729	468,906	468,747	468,229	467,329	466,027
1996	442,395	438,636	434,601	430,287	425,688	420,795	415,595	410,080	404,237	398,057	391,529	384,643	377,388	369,752	361,728	353,310	344,495	335,291
1997	551,548	555,516	559,337	563,001	566,497	569,809	572,920	575,812	578,466	580,862	582,978	584,790	586,273	587,399	588,139	588,464	588,347	587,762
1998	932,206	935,175	937,767	939,964	941,743	943,077	943,934	944,282	944,086	943,310	941,917	939,865	937,112	933,608	929,308	924,167	918,141	911,194
1999	266,796	264,349	261,734	258,951	255,995	252,861	249,543	246,034	242,330	238,422	234,306	229,977	225,428	220,652	215,646	210,406	204,933	199,230
2000	180,328	179,116	177,794	176,361	174,813	173,147	171,357	169,438	167,386	165,194	162,860	160,377	157,741	154,945	151,985	148,858	145,561	142,096
2001	373,521	374,580	375,483	376,224	376,794	377,182	377,374	377,359	377,121	376,647	375,922	374,929	373,651	372,069	370,165	367,919	365,317	362,342
2002	921,120	917,619	913,594	909,031	903,913	898,214	891,906	884,959	877,346	869,035	859,996	850,199	839,608	828,188	815,907	802,737	788,658	773,658
2003	223,035	218,262	213,369	208,361	203,239	198,005	192,658	187,199	181,630	175,951	170,167	164,278	158,290	152,204	146,028	139,769	133,438	127,050
2004	363,987	366,230	368,362	370,376	372,265	374,017	375,621	377,065	378,335	379,419	380,301	380,966	381,396	381,573	381,478	381,092	380,396	379,375
2005	480,500	478,991	477,213	475,161	472,823	470,187	467,237	463,957	460,334	456,349	451,987	447,232	442,063	436,462	430,411	423,895	416,901	409,423
2006	706,376	706,055	705,379	704,334	702,907	701,075	698,814	696,102	692,913	689,220	684,997	680,217	674,847	668,856	662,213	654,889	646,859	638,105
2007	588,257	578,674	568,731	558,431	547,776	536,762	525,380	513,628	501,500	488,993	476,106	462,840	449,191	435,161	420,755	405,984	390,866	375,429
2008	759,236	763,172	766,850	770,255	773,370	776,174	778,640	780,743	782,456	783,749	784,592	784,951	784,790	784,069	782,751	780,795	778,165	774,826
2009	872,624	875,586	878,199	880,447	882,310	883,763	884,774	885,315	885,352	884,852	883,780	882,097	879,763	876,731	872,960	868,406	863,027	856,791
2010	425,423	430,420	435,388	440,321	445,213	450,055	454,838	459,551	464,183	468,721	473,153	477,465	481,639	485,658	489,505	493,158	496,600	499,811
2011	703,178	704,657	705,828	706,678	707,191	707,347	707,120	706,486	705,420	703,894	701,880	699,349	696,267	692,599	688,311	683,371	677,747	671,416
2012	527,762	530,845	533,762	536,501	539,052	541,398	543,523	545,409	547,038	548,388	549,439	550,168	550,549	550,556	550,161	549,337	548,057	546,297
2013	438,567	433,253	427,660	421,789	415,636	409,195	402,456	395,414	388,059	380,386	372,389	364,061	355,397	346,389	337,037	327,340	317,304	306,942
2014	519,792	511,802	503,489	494,856	485,904	476,626	467,017	457,070	446,782	436,148	425,165	413,833	402,148	390,108	377,718	364,984	351,921	338,552
2015	1,112,443	1,108,785	1,104,503	1,099,581	1,093,996	1,087,718	1,080,712	1,072,941	1,064,371	1,054,963	1,044,681	1,033,485	1,021,333	1,008,179	993,985	978,714	962,338	944,843
2016	432,690	430,785	428,630	426,218	423,542	420,589	417,348	413,804	409,945	405,756	401,224	396,334	391,072	385,420	379,365	372,895	366,000	358,678
2017	910,157	902,512	894,300	885,514	876,143	866,165	855,559	844,301	832,371	819,745	806,404	792,325	777,486	761,862	745,438	728,199	710,145	691,283
2018	1,207,287	1,202,298	1,196,615	1,190,221	1,183,094	1,175,201	1,166,504	1,156,966	1,146,551	1,135,218	1,122,930	1,109,645	1,095,320	1,079,908	1,063,370	1,045,669	1,026,781	1,006,693
2019	1,109,113	1,104,399	1,099,044	1,093,035	1,086,350	1,078,960	1,070,831	1,061,927	1,052,216	1,041,661	1,030,228	1,017,879	1,004,574	990,271	974,934	958,530	941,037	922,443
2020	883,894	877,706	870,979	863,702	855,863	847,440	838,410	828,748	818,431	807,435	795,737	783,314	770,138	756,184	741,430	725,860	709,465	692,250
2021	439,803	440,072	440,132	439,973	439,587	438,959	438,076	436,921	435,479	433,733	431,667	429,262	426,498	423,354	419,810	415,846	411,447	406,598

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 654:666	Maturity (months) 666:678	Maturity (months) 678:690	Maturity (months) 690:702	Maturity (months) 702:714	Maturity (months) 714:726	Maturity (months) 726:738	Maturity (months) 738:750	Maturity (months) 750:762	Maturity (months) 762:774	Maturity (months) 774:786	Maturity (months) 786:798	Maturity (months) 798:810	Maturity (months) 810:822	Maturity (months) 822:834	Maturity (months) 834:846	Maturity (months) 846:858	Maturity (months) 858:870
1989	247,226	246,781	246,111	245,200	244,035	242,602	240,887	238,875	236,550	233,897	230,898	227,540	223,808	219,691	215,190	210,305	205,037	199,377
1990	103,432	98,374	93,278	88,155	83,021	77,892	72,785	67,718	62,708	57,774	52,936	48,215	43,631	39,209	34,974	30,953	27,165	23,620
1991	362,184	358,308	354,010	349,273	344,082	338,426	332,292	325,668	318,544	310,910	302,756	294,082	284,886	275,179	264,989	254,352	243,301	231,854
1992	663,690	658,548	652,676	646,039	638,604	630,345	621,232	611,236	600,327	588,478	575,663	561,864	547,066	531,270	514,512	496,838	478,282	458,865
1993	557,309	551,420	544,884	537,671	529,763	521,138	511,779	501,667	490,785	479,116	466,648	453,378	439,302	424,436	408,825	392,523	375,576	358,016
1994	241,120	243,179	245,138	246,985	248,710	250,301	251,744	253,025	254,130	255,041	255,740	256,209	256,429	256,381	256,049	255,421	254,478	253,198
1995	464,303	462,135	459,497	456,361	452,705	448,503	443,733	438,370	432,387	425,758	418,459	410,470	401,768	392,346	382,213	371,388	359,880	347,688
1996	325,704	315,743	305,415	294,726	283,692	272,335	260,675	248,738	236,552	224,148	211,560	198,834	186,015	173,163	160,356	147,674	135,190	122,960
1997	586,682	585,080	582,922	580,174	576,802	572,777	568,064	562,630	556,439	549,454	541,638	532,961	523,389	512,902	501,503	489,203	476,005	461,895
1998	903,292	894,400	884,470	873,457	861,325	848,041	833,572	817,884	800,948	782,733	763,215	742,384	720,230	696,774	672,080	646,231	619,295	591,316
1999	193,304	187,161	180,805	174,242	167,482	160,539	153,426	146,162	138,762	131,248	123,640	115,968	108,259	100,551	92,891	85,327	77,902	70,651
2000	138,463	134,665	130,702	126,576	122,291	117,852	113,268	108,546	103,695	98,725	93,650	88,484	83,245	77,956	72,647	67,350	62,095	56,905
2001	358,983	355,226	351,051	346,442	341,385	335,868	329,877	323,402	316,430	308,951	300,958	292,446	283,415	273,874	263,851	253,381	242,493	231,208
2002	757,733	740,877	723,077	704,325	684,625	663,990	642,436	619,984	596,660	572,494	547,530	521,827	495,449	468,492	441,097	413,418	385,590	357,728
2003	120,623	114,172	107,713	101,261	94,837	88,463	82,160	75,951	69,858	63,904	58,112	52,508	47,114	41,959	37,071	32,477	28,194	24,234
2004	378,011	376,286	374,181	371,671	368,739	365,364	361,528	357,209	352,386	347,039	341,146	334,691	327,656	320,035	311,834	303,068	293,745	283,863
2005	401,456	392,995	384,033	374,563	364,584	354,102	343,123	331,654	319,706	307,294	294,436	281,161	267,498	253,495	239,224	224,761	210,176	195,526
2006	628,611	618,361	607,332	595,504	582,864	569,405	555,121	540,009	524,068	507,300	489,716	471,336	452,185	432,313	411,803	390,753	369,248	347,355
2007	359,706	343,730	327,532	311,143	294,608	277,977	261,301	244,635	228,035	211,560	195,273	179,247	163,550	148,266	133,491	119,317	105,819	93,050
2008	770,747	765,892	760,220	753,686	746,253	737,885	728,544	718,194	706,797	694,312	680,707	665,953	650,024	632,915	614,654	595,284	574,834	553,316
2009	849,665	841,614	832,593	822,560	811,479	799,319	786,047	771,631	756,040	739,245	721,222	701,958	681,443	659,693	636,765	612,733	587,660	561,584
2010	502,772	505,461	507,852	509,918	511,632	512,966	513,892	514,376	514,383	513,877	512,817	511,166	508,881	505,926	502,274	497,903	492,783	486,869
2011	664,354	656,536	647,931	638,510	628,247	617,124	605,121	592,220	578,403	563,657	547,970	531,344	513,782	495,310	475,987	455,887	435,073	413,590
2012	544,035	541,245	537,896	533,957	529,400	524,198	518,324	511,749	504,443	496,378	487,525	477,862	467,365	456,026	443,860	430,888	417,128	402,578
2013	296,271	285,307	274,063	262,556	250,811	238,856	226,724	214,446	202,061	189,605	177,122	164,664	152,280	140,035	128,006	116,272	104,898	93,936
2014	324,903	311,003	296,874	282,545	268,053	253,439	238,748	224,027	209,323	194,688	180,178	165,856	151,783	138,034	124,696	111,854	99,577	87,916
2015	926,220	906,458	885,539	863,449	840,190	815,772	790,212	763,530	735,752	706,911	677,053	646,246	614,559	582,106	549,051	515,574	481,840	447,979
2016	350,926	342,745	334,129	325,075	315,588	305,676	295,348	284,615	273,493	261,998	250,151	237,985	225,530	212,835	199,967	187,000	174,000	161,021
2017	671,633	651,210	630,024	608,093	585,448	562,130	538,184	513,661	488,617	463,115	437,228	411,047	384,665	358,205	331,827	305,698	279,964	254,743
2018	985,401	962,900	939,175	914,216	888,034	860,647	832,079	802,361	771,531	739,631	706,723	672,887	638,209	602,823	566,913	530,684	494,317	457,961
2019	902,747	881,944	860,020	836,968	812,798	787,528	761,182	733,788	705,382	676,006	645,714	614,583	582,695	550,171	517,183	483,918	450,546	417,203
2020	674,223	655,396	635,771	615,357	594,177	572,263	549,650	526,381	502,500	478,061	453,127	427,778	402,096	376,196	350,230	324,356	298,716	273,426
2021	401,288	395,505	389,231	382,452	375,156	367,336	358,985	350,096	340,666	330,690	320,169	309,114	297,531	285,448	272,910	259,971	246,681	233,075

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 870:882	Maturity (months) 882:894	Maturity (months) 894:906	Maturity (months) 906:918	Maturity (months) 918:930	Maturity (months) 930:942	Maturity (months) 942:954	Maturity (months) 954:966	Maturity (months) 966:978	Maturity (months) 978:990	Maturity (months) 990:1002	Maturity (months) 1002:1014	Maturity (months) 1014:1026	Maturity (months) 1026:1038	Maturity (months) 1038:1050	Maturity (months) 1050:1062	Maturity (months) 1062:1074	Maturity (months) 1074:1086
1989	193,316	186,853	179,987	172,724	165,075	157,057	148,703	140,053	131,149	122,036	112,765	103,402	94,018	84,696	75,522	66,590	57,995	49,829
1990	20,330	17,303	14,545	12,061	9,852	7,913	6,241	4,824	3,646	2,687	1,926	1,337	896	576	354	206	113	58
1991	220,034	207,874	195,418	182,716	169,826	156,822	143,793	130,837	118,053	105,535	93,382	81,698	70,588	60,154	50,486	41,664	33,749	26,780
1992	438,605	417,543	395,733	373,247	350,168	326,608	302,711	278,643	254,572	230,665	207,101	184,080	161,811	140,504	120,365	101,587	84,340	68,764
1993	339,875	321,204	302,069	282,547	262,727	242,719	222,663	202,708	183,005	163,700	144,945	126,902	109,732	93,591	78,623	64,951	52,672	41,848
1994	251,551	249,514	247,059	244,159	240,789	236,922	232,542	227,634	222,182	216,171	209,585	202,422	194,681	186,376	177,528	168,171	158,350	148,128
1995	334,811	321,259	307,053	292,222	276,806	260,861	244,471	227,732	210,746	193,617	176,461	159,414	142,621	126,240	110,433	95,360	81,178	68,028
1996	111,040	99,492	88,381	77,772	67,725	58,304	49,568	41,568	34,338	27,894	22,240	17,368	13,252	9,853	7,116	4,975	3,354	2,169
1997	446,859	430,896	414,016	396,241	377,603	358,155	337,983	317,191	295,891	274,197	252,242	230,185	208,205	186,498	165,274	144,749	125,141	106,660
1998	562,340	532,444	501,725	470,303	438,313	405,929	373,370	340,876	308,687	277,039	246,179	216,374	187,892	160,996	135,932	112,916	92,127	73,686
1999	63,606	56,804	50,283	44,081	38,231	32,768	27,727	23,133	19,003	15,343	12,153	9,421	7,131	5,255	3,759	2,599	1,731	1,104
2000	51,803	46,816	41,972	37,300	32,829	28,587	24,607	20,913	17,529	14,466	11,735	9,339	7,275	5,534	4,100	2,948	2,051	1,374
2001	219,545	207,538	195,227	182,664	169,903	157,018	144,095	131,232	118,526	106,072	93,965	82,312	71,216	60,779	51,094	42,241	34,284	27,264
2002	329,942	302,372	275,166	248,486	222,497	197,379	173,330	150,537	129,164	109,347	91,197	74,810	60,250	47,541	36,669	27,576	20,160	14,281
2003	20,601	17,302	14,339	11,708	9,405	7,419	5,737	4,340	3,204	2,302	1,603	1,078	697	431	253	140	73	35
2004	273,421	262,427	250,896	238,853	226,328	213,368	200,039	186,420	172,593	158,642	144,661	130,760	117,057	103,682	90,765	78,439	66,832	56,059
2005	180,869	166,275	151,821	137,593	123,677	110,171	97,180	84,809	73,149	62,277	52,262	43,160	35,017	27,855	21,677	16,463	12,167	8,724
2006	325,146	302,710	280,154	257,597	235,167	213,013	191,307	170,225	149,933	130,585	112,325	95,295	79,623	65,413	52,742	41,650	32,141	24,176
2007	81,054	69,876	59,556	50,127	41,607	34,008	27,333	21,566	16,671	12,596	9,276	6,637	4,598	3,071	1,968	1,203	697	380
2008	530,740	507,138	482,561	457,077	430,768	403,747	376,171	348,217	320,070	291,915	263,956	236,424	209,562	183,627	158,873	135,547	113,879	94,064
2009	534,543	506,608	477,866	448,426	418,411	387,983	357,344	326,716	296,326	266,394	237,153	208,853	181,752	156,101	132,138	110,074	90,085	72,298
2010	480,113	472,470	463,897	454,356	443,808	432,228	419,608	405,951	391,263	375,553	358,838	341,162	322,587	303,200	283,112	262,460	241,408	220,142
2011	391,485	368,827	345,702	322,211	298,467	274,611	250,812	227,254	204,119	181,581	159,818	139,016	119,359	101,019	84,148	68,875	55,288	43,437
2012	387,240	371,130	354,275	336,712	318,492	299,686	280,394	260,733	240,826	220,798	200,788	180,954	161,470	142,518	124,287	106,961	90,718	75,715
2013	83,434	73,442	64,012	55,189	47,014	39,523	32,748	26,708	21,404	16,823	12,937	9,710	7,092	5,023	3,438	2,264	1,426	855
2014	76,912	66,613	57,058	48,281	40,307	33,153	26,827	21,323	16,617	12,666	9,419	6,812	4,775	3,232	2,102	1,307	772	430
2015	414,125	380,443	347,113	314,331	282,297	251,236	221,392	193,000	166,272	141,381	118,480	97,700	79,136	62,837	48,804	36,983	27,267	19,498
2016	148,116	135,351	122,796	110,527	98,618	87,154	76,222	65,907	56,279	47,398	39,307	32,046	25,635	20,078	15,360	11,447	8,285	5,803
2017	230,149	206,311	183,364	161,441	140,669	121,177	103,091	86,516	71,525	58,154	46,411	36,281	27,715	20,632	14,923	10,449	7,056	4,573
2018	421,767	385,914	350,599	316,033	282,429	250,022	219,064	189,794	162,419	137,106	113,993	93,193	74,775	58,762	45,120	33,763	24,547	17,282
2019	384,026	351,184	318,855	287,233	256,513	226,910	198,653	171,961	147,019	123,979	102,965	84,074	67,369	52,864	40,526	30,271	21,965	15,430
2020	248,598	224,364	200,859	178,226	156,600	136,124	116,942	99,182	82,941	68,282	55,241	43,832	34,036	25,800	19,038	13,631	9,436	6,289
2021	219,193	205,086	190,815	176,451	162,072	147,769	133,651	119,830	106,415	93,510	81,213	69,627	58,846	48,953	40,016	32,081	25,172	19,286

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 1086:1098	Maturity (months) 1098:1110	Maturity (months) 1110:1122	Maturity (months) 1122:1134	Maturity (months) 1134:1146	Maturity (months) 1146:1158	Maturity (months) 1158:1170	Maturity (months) 1170:1182	Maturity (months) 1182:1194	Maturity (months) 1194:1206	Maturity (months) 1206:1218	Maturity (months) 1218:1230	Maturity (months) 1230:1242	Maturity (months) 1242:1254	Maturity (months) 1254:1266	Maturity (months) 1266:1278	Maturity (months) 1278:1290	Maturity (months) 1290:1302
1989	42,181	35,129	28,738	23,054	18,103	13,889	10,394	7,575	5,367	3,689	2,455	1,601	1,045	682	445	290	189	123
1990	27	12	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	20,772	15,712	11,557	8,243	5,683	3,773	2,405	1,467	853	470	245	123	62	31	16	8	4	2
1992	54,954	42,959	32,775	24,345	17,557	12,258	8,265	5,366	3,346	1,996	1,135	627	346	191	105	58	32	18
1993	32,505	24,623	18,143	12,965	8,956	5,960	3,809	2,330	1,359	752	393	198	100	50	25	13	6	3
1994	137,577	126,787	115,859	104,908	94,056	83,433	73,185	63,441	54,318	45,904	38,261	31,630	26,148	21,617	17,870	14,773	12,213	10,096
1995	56,032	45,283	35,840	27,723	20,912	15,347	10,936	7,551	5,040	3,243	2,007	1,212	732	442	267	161	97	59
1996	1,339	784	433	223	106	46	18	6	2	0	0	0	0	0	0	0	0	0
1997	89,498	73,819	59,750	47,376	36,726	27,779	20,466	14,660	10,191	6,860	4,460	2,840	1,808	1,151	733	467	297	189
1998	57,657	44,034	32,740	23,632	16,509	11,125	7,210	4,480	2,659	1,501	802	414	214	111	57	30	15	8
1999	671	386	209	105	49	20	8	3	1	0	0	0	0	0	0	0	0	0
2000	883	541	314	172	87	41	18	7	2	1	0	0	0	0	0	0	0	0
2001	21,198	16,076	11,860	8,487	5,872	3,914	2,507	1,536	898	499	261	132	67	34	17	9	4	2
2002	9,765	6,418	4,035	2,412	1,363	723	357	162	68	25	8	3	1	0	0	0	0	0
2003	15	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	46,222	37,398	29,637	22,957	17,343	12,750	9,103	6,298	4,213	2,719	1,687	1,022	619	375	227	138	83	50
2005	6,047	4,035	2,580	1,573	909	494	251	118	51	20	7	2	1	0	0	0	0	0
2006	17,674	12,517	8,558	5,625	3,538	2,119	1,203	643	322	150	65	26	11	4	2	1	0	0
2007	193	90	38	14	5	1	0	0	0	0	0	0	0	0	0	0	0	0
2008	76,257	60,561	47,018	35,604	26,233	18,757	12,985	8,683	5,593	3,461	2,049	1,181	681	393	226	130	75	43
2009	56,783	43,546	32,526	23,597	16,579	11,243	7,338	4,595	2,751	1,569	848	443	232	121	63	33	17	9
2010	198,873	177,827	157,245	137,370	118,440	100,682	84,312	69,494	56,332	44,864	35,066	27,102	20,947	16,190	12,513	9,671	7,475	5,777
2011	33,324	24,900	18,070	12,696	8,606	5,608	3,500	2,085	1,180	632	318	154	75	36	17	8	4	2
2012	62,087	49,931	39,306	30,223	22,649	16,501	11,664	7,982	5,275	3,358	2,052	1,224	729	435	259	155	92	55
2013	484	257	126	57	23	8	3	1	0	0	0	0	0	0	0	0	0	0
2014	224	108	47	19	6	2	0	0	0	0	0	0	0	0	0	0	0	0
2015	13,473	8,960	5,708	3,465	1,992	1,077	544	254	109	42	15	5	2	0	0	0	0	0
2016	3,919	2,540	1,571	923	511	264	127	56	22	8	3	1	0	0	0	0	0	0
2017	2,830	1,662	919	474	226	99	39	13	4	1	0	0	0	0	0	0	0	0
2018	11,736	7,654	4,770	2,824	1,578	825	401	180	73	27	9	3	1	0	0	0	0	0
2019	10,452	6,798	4,223	2,491	1,386	722	349	155	63	23	7	2	1	0	0	0	0	0
2020	4,016	2,443	1,407	762	384	178	75	29	10	3	1	0	0	0	0	0	0	0
2021	14,389	10,425	7,310	4,943	3,210	1,993	1,178	660	349	173	79	35	15	7	3	1	1	0

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 1302:1314	Maturity (months) 1314:1326	Maturity (months) 1326:1338	Maturity (months) 1338:1350	Maturity (months) 1350:1362	Maturity (months) 1362:1374	Maturity (months) 1374:1386	Maturity (months) 1386:1398	Maturity (months) 1398:1410	Maturity (months) 1410:1422	Maturity (months) 1422:1434	Maturity (months) 1434:1446	Maturity (months) 1446:1458	Maturity (months) 1458:1470	Totals Outstanding
1989	81	53	34	22	15	10	6	4	3	2	1	1	0	0	11,829,433
1990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,790,669
1991	1	0	0	0	0	0	0	0	0	0	0	0	0	0	16,743,007
1992	10	5	3	2	1	1	0	0	0	0	0	0	0	0	31,872,161
1993	2	1	0	0	0	0	0	0	0	0	0	0	0	0	26,918,931
1994	8,346	6,900	5,704	4,715	3,898	3,223	2,664	2,202	1,821	1,505	1,244	1,029	850	701	15,039,277
1995	36	21	13	8	5	3	2	1	1	0	0	0	0	0	24,089,031
1996	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,071,325
1997	120	77	49	31	20	13	8	5	3	2	1	1	1	0	31,935,222
1998	4	2	1	1	0	0	0	0	0	0	0	0	0	0	48,300,728
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,071,766
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,969,725
2001	1	1	0	0	0	0	0	0	0	0	0	0	0	0	20,280,982
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,677,217
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,380,932
2004	31	19	11	7	4	2	2	1	1	0	0	0	0	0	22,690,079
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24,990,590
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39,194,919
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28,567,646
2008	25	14	8	5	3	2	1	1	0	0	0	0	0	0	48,806,367
2009	5	2	1	1	0	0	0	0	0	0	0	0	0	0	54,661,420
2010	4,465	3,451	2,667	2,061	1,593	1,231	952	736	569	439	340	262	203	156	34,894,604
2011	1	0	0	0	0	0	0	0	0	0	0	0	0	0	44,242,352
2012	33	20	12	7	4	2	1	1	1	0	0	0	0	0	36,286,145
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24,872,631
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29,916,452
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69,156,400
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27,168,819
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56,882,050
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78,576,660
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73,020,734
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57,849,387
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30,402,920

1,104,150,581

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate **2.00%**

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level	105,862	126,260	102,176	96,461	79,469	90,337	84,769	78,633	68,460	72,273	80,401	88,733	90,578	85,631	90,802	105,824	84,071	90,991
Year of Birth	Maturity (months) 6:18	Maturity (months) 18:30	Maturity (months) 30:42	Maturity (months) 42:54	Maturity (months) 54:66	Maturity (months) 66:78	Maturity (months) 78:90	Maturity (months) 90:102	Maturity (months) 102:114	Maturity (months) 114:126	Maturity (months) 126:138	Maturity (months) 138:150	Maturity (months) 150:162	Maturity (months) 162:174	Maturity (months) 174:186	Maturity (months) 186:198	Maturity (months) 198:210	Maturity (months) 210:222
1989																		
1990																		
1991																		
1992																		
1993																		
1994																		
1995																		
1996																		
1997																		
1998																		
1999																		
2000																		
2001																		
2002																		
2003																		
2004																		63,510
2005																	64,819	70,154
2006																90,531	71,922	77,841
2007															111,071	129,446	102,837	111,301
2008														73,006	77,415	90,222	71,676	77,576
2009													83,311	78,761	83,518	97,334	77,326	83,691
2010												68,546	69,971	66,150	70,145	81,749	64,945	70,290
2011											62,331	68,790	70,220	66,385	70,394	82,039	65,176	70,540
2012										56,266	62,594	69,081	70,517	66,666	70,692	82,386	65,451	70,838
2013									65,038	68,659	76,382	84,297	86,049	81,350	86,263	100,533	79,868	86,441
2014								75,241	65,508	69,156	76,934	84,906	86,671	81,938	86,886	101,260	80,445	87,066
2015							81,260	75,377	65,626	69,281	77,073	85,060	86,828	82,086	87,043	101,443	80,590	87,223
2016						88,335	82,890	76,890	66,943	70,671	78,619	86,766	88,570	83,733	88,790	103,478	82,208	88,974
2017					77,881	88,533	83,076	77,062	67,093	70,829	78,795	86,961	88,768	83,920	88,988	103,710	82,392	89,173
2018				94,744	78,054	88,729	83,260	77,233	67,242	70,986	78,970	87,153	88,965	84,106	89,186	103,940	82,574	89,371
2019			100,577	94,952	78,225	88,924	83,443	77,402	67,389	71,142	79,143	87,345	89,160	84,291	89,381	104,168	82,755	89,567
2020		125,545	101,597	95,915	79,019	89,826	84,289	78,188	68,073	71,864	79,946	88,231	90,065	85,146	90,288	105,225	83,595	90,475
2021	105,492	125,818	101,818	96,124	79,191	90,021	84,472	78,358	68,221	72,020	80,120	88,423	90,261	85,331	90,484	105,454	83,777	90,672

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level	94,485	102,566	100,024	107,696	102,000	103,530	105,083	106,659	108,259	109,883	111,531	113,204	114,902	116,626	118,958	121,337	123,764	126,239	
Year of Birth	Maturity (months) 222:234	Maturity (months) 234:246	Maturity (months) 246:258	Maturity (months) 258:270	Maturity (months) 270:282	Maturity (months) 282:294	Maturity (months) 294:306	Maturity (months) 306:318	Maturity (months) 318:330	Maturity (months) 330:342	Maturity (months) 342:354	Maturity (months) 354:366	Maturity (months) 366:378	Maturity (months) 378:390	Maturity (months) 390:402	Maturity (months) 402:414	Maturity (months) 414:426	Maturity (months) 426:438	
1989																74,012	75,492	77,002	78,542
1990														65,016	66,317	67,643	68,996	70,376	
1991													92,699	94,089	95,971	97,890	99,848	101,845	
1992												71,836	72,914	74,007	75,487	76,997	78,537	80,108	
1993											71,089	72,155	73,237	74,336	75,822	77,339	78,886	80,463	
1994										58,599	59,478	60,371	61,276	62,195	63,439	64,708	66,002	67,322	
1995									84,989	86,264	87,558	88,871	90,204	91,557	93,388	95,256	97,161	99,105	
1996								80,206	81,409	82,630	83,870	85,128	86,405	87,701	89,455	91,244	93,069	94,930	
1997							64,164	65,126	66,103	67,094	68,101	69,122	70,159	71,212	72,636	74,089	75,570	77,082	
1998							82,019	83,249	84,498	85,765	87,052	88,357	89,683	91,028	92,393	94,241	96,126	98,048	100,009
1999					99,468	100,960	102,474	104,012	105,572	107,155	108,763	110,394	112,050	113,731	116,005	118,325	120,692	123,106	
2000				70,284	66,567	67,565	68,579	69,607	70,651	71,711	72,787	73,879	74,987	76,112	77,634	79,187	80,770	82,386	
2001			90,981	97,959	92,779	94,170	95,583	97,017	98,472	99,949	101,448	102,970	104,514	106,082	108,204	110,368	112,575	114,827	
2002		78,632	76,683	82,565	78,198	79,371	80,562	81,770	82,997	84,242	85,505	86,788	88,090	89,411	91,199	93,023	94,884	96,781	
2003	100,365	108,949	106,248	114,397	108,347	109,972	111,622	113,296	114,996	116,721	118,472	120,249	122,052	123,883	126,361	128,888	131,466	134,095	
2004	65,949	71,589	69,815	75,169	71,194	72,262	73,346	74,446	75,563	76,696	77,847	79,014	80,200	81,403	83,031	84,691	86,385	88,113	
2005	72,848	79,079	77,119	83,034	78,642	79,822	81,019	82,235	83,468	84,720	85,991	87,281	88,590	89,919	91,717	93,551	95,423	97,331	
2006	80,831	87,744	85,569	92,132	87,259	88,568	89,897	91,245	92,614	94,003	95,413	96,845	98,297	99,772	101,767	103,802	105,878	107,996	
2007	115,576	125,461	122,351	131,735	124,768	126,640	128,539	130,467	132,424	134,411	136,427	138,473	140,551	142,659	145,512	148,422	151,391	154,418	
2008	80,555	87,445	85,277	91,818	86,962	88,266	89,590	90,934	92,298	93,683	95,088	96,514	97,962	99,432	101,420	103,449	105,518	107,628	
2009	86,905	94,338	91,999	99,056	93,817	95,224	96,653	98,102	99,574	101,068	102,584	104,122	105,684	107,269	109,415	111,603	113,835	116,112	
2010	72,990	79,232	77,268	83,195	78,795	79,977	81,176	82,394	83,630	84,884	86,158	87,450	88,762	90,093	91,895	93,733	95,608	97,520	
2011	73,249	79,514	77,543	83,490	79,075	80,261	81,465	82,687	83,927	85,186	86,464	87,761	89,077	90,413	92,222	94,066	95,947	97,866	
2012	73,559	79,850	77,871	83,844	79,409	80,601	81,810	83,037	84,282	85,546	86,830	88,132	89,454	90,796	92,612	94,464	96,353	98,280	
2013	89,761	97,438	95,023	102,311	96,900	98,354	99,829	101,327	102,847	104,389	105,955	107,544	109,158	110,795	113,011	115,271	117,577	119,928	
2014	90,410	98,143	95,710	103,051	97,601	99,065	100,551	102,059	103,590	105,144	106,721	108,322	109,946	111,596	113,828	116,104	118,426	120,795	
2015	90,573	98,320	95,883	103,237	97,777	99,244	100,732	102,243	103,777	105,334	106,914	108,517	110,145	111,797	114,033	116,314	118,640	121,013	
2016	92,391	100,293	97,807	105,308	99,739	101,235	102,754	104,295	105,859	107,447	109,059	110,695	112,355	114,041	116,321	118,648	121,021	123,441	
2017	92,598	100,517	98,026	105,544	99,962	101,462	102,984	104,528	106,096	107,688	109,303	110,943	112,607	114,296	116,582	118,913	121,292	123,718	
2018	92,803	100,740	98,243	105,778	100,184	101,687	103,212	104,760	106,332	107,927	109,545	111,189	112,856	114,549	116,840	119,177	121,561	123,992	
2019	93,007	100,961	98,459	106,010	100,404	101,910	103,439	104,990	106,565	108,163	109,786	111,433	113,104	114,801	117,097	119,439	121,827	124,264	
2020	93,950	101,986	99,458	107,086	101,423	102,944	104,488	106,055	107,646	109,261	110,900	112,563	114,252	115,965	118,285	120,650	123,063	125,525	
2021	94,155	102,207	99,674	107,319	101,643	103,168	104,715	106,286	107,880	109,498	111,141	112,808	114,500	116,218	118,542	120,913	123,331	125,798	

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level	128,764	131,340	133,966	136,646	139,379	142,166	145,009	147,910	150,868	153,885	156,963	160,102	163,304	166,570	169,902	173,300	176,766	180,301
Year of Birth	Maturity (months) 438:450	Maturity (months) 450:462	Maturity (months) 462:474	Maturity (months) 474:486	Maturity (months) 486:498	Maturity (months) 498:510	Maturity (months) 510:522	Maturity (months) 522:534	Maturity (months) 534:546	Maturity (months) 546:558	Maturity (months) 558:570	Maturity (months) 570:582	Maturity (months) 582:594	Maturity (months) 594:606	Maturity (months) 606:618	Maturity (months) 618:630	Maturity (months) 630:642	Maturity (months) 642:654
1989	80,113	81,715	83,350	85,017	86,717	88,451	90,220	92,025	93,865	95,743	97,657	99,611	101,603	103,635	105,708	107,822	109,978	112,178
1990	71,783	73,219	74,683	76,177	77,701	79,255	80,840	82,456	84,106	85,788	87,503	89,254	91,039	92,859	94,717	96,611	98,543	100,514
1991	103,882	105,960	108,079	110,241	112,445	114,694	116,988	119,328	121,715	124,149	126,632	129,164	131,748	134,383	137,070	139,812	142,608	145,460
1992	81,710	83,344	85,011	86,711	88,446	90,214	92,019	93,859	95,736	97,651	99,604	101,596	103,628	105,701	107,815	109,971	112,170	114,414
1993	82,073	83,714	85,388	87,096	88,838	90,615	92,427	94,276	96,161	98,084	100,046	102,047	104,088	106,170	108,293	110,459	112,668	114,922
1994	68,669	70,042	71,443	72,872	74,329	75,816	77,332	78,879	80,456	82,065	83,707	85,381	87,088	88,830	90,607	92,419	94,267	96,153
1995	101,087	103,108	105,171	107,274	109,419	111,608	113,840	116,117	118,439	120,808	123,224	125,689	128,202	130,766	133,382	136,049	138,770	141,546
1996	96,829	98,765	100,741	102,756	104,811	106,907	109,045	111,226	113,450	115,719	118,034	120,395	122,802	125,258	127,764	130,319	132,925	135,584
1997	78,623	80,196	81,800	83,436	85,104	86,807	88,543	90,314	92,120	93,962	95,841	97,758	99,713	101,708	103,742	105,817	107,933	110,092
1998	102,010	104,050	106,131	108,253	110,419	112,627	114,879	117,177	119,521	121,911	124,349	126,836	129,373	131,960	134,600	137,292	140,037	142,838
1999	125,568	128,079	130,641	133,254	135,919	138,637	141,410	144,238	147,123	150,065	153,067	156,128	159,251	162,436	165,684	168,998	172,378	175,825
2000	84,033	85,714	87,428	89,177	90,960	92,780	94,635	96,528	98,459	100,428	102,436	104,485	106,575	108,706	110,880	113,098	115,360	117,667
2001	117,123	119,466	121,855	124,292	126,778	129,314	131,900	134,538	137,229	139,973	142,773	145,628	148,541	151,511	154,542	157,633	160,785	164,001
2002	98,717	100,691	102,705	104,759	106,854	108,992	111,171	113,395	115,663	117,976	120,335	122,742	125,197	127,701	130,255	132,860	135,517	138,228
2003	136,777	139,513	142,303	145,149	148,052	151,013	154,033	157,114	160,256	163,461	166,730	170,065	173,466	176,936	180,474	184,084	187,765	191,521
2004	89,875	91,672	93,506	95,376	97,284	99,229	101,214	103,238	105,303	107,409	109,557	111,748	113,983	116,263	118,588	120,960	123,379	125,847
2005	99,278	101,263	103,288	105,354	107,461	109,610	111,803	114,039	116,320	118,646	121,019	123,439	125,908	128,426	130,995	133,615	136,287	139,013
2006	110,156	112,359	114,606	116,898	119,236	121,621	124,053	126,535	129,065	131,647	134,279	136,965	139,704	142,498	145,348	148,255	151,220	154,245
2007	157,507	160,657	163,870	167,147	170,490	173,900	177,378	180,926	184,544	188,235	192,000	195,840	199,757	203,752	207,827	211,983	216,223	220,548
2008	109,780	111,976	114,216	116,500	118,830	121,206	123,631	126,103	128,625	131,198	133,822	136,498	139,228	142,013	144,853	147,750	150,705	153,719
2009	118,434	120,803	123,219	125,683	128,197	130,761	133,376	136,044	138,764	141,540	144,371	147,258	150,203	153,207	156,271	159,397	162,585	165,836
2010	99,470	101,460	103,489	105,559	107,670	109,823	112,020	114,260	116,545	118,876	121,254	123,679	126,152	128,675	131,249	133,874	136,551	139,282
2011	99,824	101,820	103,857	105,934	108,052	110,213	112,418	114,666	116,959	119,299	121,685	124,118	126,601	129,133	131,715	134,350	137,037	139,777
2012	100,246	102,251	104,296	106,382	108,510	110,680	112,893	115,151	117,454	119,803	122,199	124,643	127,136	129,679	132,272	134,918	137,616	140,369
2013	122,327	124,773	127,269	129,814	132,410	135,058	137,760	140,515	143,325	146,192	149,115	152,098	155,140	158,243	161,407	164,636	167,928	171,287
2014	123,211	125,675	128,188	130,752	133,367	136,034	138,755	141,530	144,361	147,248	150,193	153,197	156,261	159,386	162,574	165,825	169,142	172,525
2015	123,433	125,902	128,420	130,988	133,608	136,280	139,006	141,786	144,622	147,514	150,465	153,474	156,543	159,674	162,868	166,125	169,448	172,836
2016	125,910	128,428	130,997	133,617	136,289	139,015	141,795	144,631	147,524	150,474	153,484	156,553	159,684	162,878	166,136	169,458	172,848	176,304
2017	126,192	128,716	131,290	133,916	136,594	139,326	142,113	144,955	147,854	150,811	153,827	156,904	160,042	163,243	166,508	169,838	173,235	176,699
2018	126,472	129,001	131,581	134,213	136,897	139,635	142,428	145,276	148,182	151,145	154,168	157,252	160,397	163,605	166,877	170,214	173,619	177,091
2019	126,749	129,284	131,870	134,507	137,197	139,941	142,740	145,595	148,507	151,477	154,507	157,597	160,749	163,964	167,243	170,588	174,000	177,480
2020	128,035	130,596	133,208	135,872	138,589	141,361	144,188	147,072	150,014	153,014	156,074	159,196	162,380	165,627	168,940	172,319	175,765	179,280
2021	128,314	130,880	133,497	136,167	138,891	141,669	144,502	147,392	150,340	153,347	156,414	159,542	162,733	165,987	169,307	172,693	176,147	179,670

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level	183,907	187,585	191,337	195,164	199,067	203,048	207,109	211,251	215,476	219,786	224,182	228,665	233,239	237,903	242,662	247,515	252,465	257,514
Year of Birth	Maturity (months) 654:666	Maturity (months) 666:678	Maturity (months) 678:690	Maturity (months) 690:702	Maturity (months) 702:714	Maturity (months) 714:726	Maturity (months) 726:738	Maturity (months) 738:750	Maturity (months) 750:762	Maturity (months) 762:774	Maturity (months) 774:786	Maturity (months) 786:798	Maturity (months) 798:810	Maturity (months) 810:822	Maturity (months) 822:834	Maturity (months) 834:846	Maturity (months) 846:858	Maturity (months) 858:870
1989	114,421	116,710	119,044	121,425	123,853	126,330	128,857	131,434	134,063	136,744	139,479	142,268	145,114	148,016	150,976	153,996	157,076	160,217
1990	102,524	104,575	106,666	108,800	110,976	113,195	115,459	117,768	120,123	122,526	124,976	127,476	130,026	132,626	135,279	137,984	140,744	143,559
1991	148,369	151,337	154,363	157,451	160,600	163,812	167,088	170,430	173,838	177,315	180,861	184,479	188,168	191,932	195,770	199,686	203,679	207,753
1992	116,702	119,036	121,417	123,845	126,322	128,848	131,425	134,054	136,735	139,470	142,259	145,104	148,006	150,966	153,986	157,066	160,207	163,411
1993	117,220	119,564	121,956	124,395	126,883	129,420	132,009	134,649	137,342	140,089	142,890	145,748	148,663	151,637	154,669	157,763	160,918	164,136
1994	98,076	100,037	102,038	104,079	106,160	108,283	110,449	112,658	114,911	117,209	119,554	121,945	124,384	126,871	129,409	131,997	134,637	137,329
1995	144,377	147,264	150,209	153,214	156,278	159,403	162,592	165,843	169,160	172,543	175,994	179,514	183,104	186,767	190,502	194,312	198,198	202,162
1996	138,295	141,061	143,883	146,760	149,695	152,689	155,743	158,858	162,035	165,276	168,581	171,953	175,392	178,900	182,478	186,128	189,850	193,647
1997	112,294	114,539	116,830	119,167	121,550	123,981	126,461	128,990	131,570	134,201	136,885	139,623	142,415	145,264	148,169	151,132	154,155	157,238
1998	145,695	148,609	151,581	154,613	157,705	160,859	164,076	167,358	170,705	174,119	177,601	181,153	184,776	188,472	192,241	196,086	200,008	204,008
1999	179,342	182,929	186,587	190,319	194,126	198,008	201,968	206,008	210,128	214,330	218,617	222,989	227,449	231,998	236,638	241,371	246,198	251,122
2000	120,020	122,421	124,869	127,367	129,914	132,512	135,163	137,866	140,623	143,436	146,304	149,230	152,215	155,259	158,364	161,532	164,762	168,058
2001	167,281	170,627	174,039	177,520	181,070	184,692	188,385	192,153	195,996	199,916	203,915	207,993	212,153	216,396	220,724	225,138	229,641	234,234
2002	140,992	143,812	146,688	149,622	152,614	155,667	158,780	161,956	165,195	168,499	171,869	175,306	178,812	182,388	186,036	189,757	193,552	197,423
2003	195,351	199,258	203,243	207,308	211,454	215,684	219,997	224,397	228,885	233,463	238,132	242,895	247,753	252,708	257,762	262,917	268,175	273,539
2004	128,364	130,931	133,549	136,220	138,945	141,724	144,558	147,449	150,398	153,406	156,475	159,604	162,796	166,052	169,373	172,761	176,216	179,740
2005	141,793	144,629	147,521	150,472	153,481	156,551	159,682	162,875	166,133	169,456	172,845	176,302	179,828	183,424	187,093	190,834	194,651	198,544
2006	157,330	160,476	163,686	166,960	170,299	173,705	177,179	180,722	184,337	188,024	191,784	195,620	199,532	203,523	207,593	211,745	215,980	220,300
2007	224,959	229,458	234,047	238,728	243,502	248,372	253,340	258,407	263,575	268,846	274,223	279,708	285,302	291,008	296,828	302,765	308,820	314,996
2008	156,793	159,929	163,128	166,390	169,718	173,113	176,575	180,106	183,709	187,383	191,130	194,953	198,852	202,829	206,886	211,023	215,244	219,549
2009	169,153	172,536	175,987	179,507	183,097	186,759	190,494	194,304	198,190	202,154	206,197	210,321	214,527	218,818	223,194	227,658	232,211	236,855
2010	142,068	144,909	147,808	150,764	153,779	156,855	159,992	163,191	166,455	169,784	173,180	176,644	180,177	183,780	187,456	191,205	195,029	198,929
2011	142,573	145,424	148,333	151,300	154,325	157,412	160,560	163,771	167,047	170,388	173,796	177,271	180,817	184,433	188,122	191,884	195,722	199,636
2012	143,176	146,040	148,960	151,940	154,978	158,078	161,239	164,464	167,754	171,109	174,531	178,021	181,582	185,213	188,918	192,696	196,550	200,481
2013	174,713	178,207	181,771	185,406	189,114	192,897	196,755	200,690	204,704	208,798	212,974	217,233	221,578	226,009	230,529	235,140	239,843	244,640
2014	175,975	179,495	183,084	186,746	190,481	194,291	198,176	202,140	206,183	210,306	214,513	218,803	223,179	227,642	232,195	236,839	241,576	246,408
2015	176,293	179,819	183,415	187,084	190,825	194,642	198,535	202,505	206,556	210,687	214,900	219,198	223,582	228,054	232,615	237,267	242,013	246,853
2016	179,831	183,427	187,096	190,838	194,654	198,547	202,518	206,569	210,700	214,914	219,212	223,597	228,069	232,630	237,283	242,028	246,869	251,806
2017	180,233	183,838	187,515	191,265	195,090	198,992	202,972	207,031	211,172	215,395	219,703	224,097	228,579	233,151	237,814	242,570	247,422	252,370
2018	180,633	184,245	187,930	191,689	195,523	199,433	203,422	207,490	211,640	215,873	220,190	224,594	229,086	233,668	238,341	243,108	247,970	252,929
2019	181,029	184,650	188,343	192,110	195,952	199,871	203,868	207,946	212,104	216,347	220,674	225,087	229,589	234,180	238,864	243,641	248,514	253,484
2020	182,866	186,523	190,254	194,059	197,940	201,899	205,937	210,055	214,256	218,542	222,912	227,371	231,918	236,556	241,288	246,113	251,036	256,056
2021	183,263	186,929	190,667	194,481	198,370	202,338	206,384	210,512	214,722	219,017	223,397	227,865	232,422	237,071	241,812	246,648	251,581	256,613

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level	262,665	267,918	273,276	278,742	284,317	290,003	295,803	301,719	307,753	313,909	320,187	326,590	333,122	339,785	346,580	353,512	360,582	367,794
Year of Birth	Maturity (months) 870:882	Maturity (months) 882:894	Maturity (months) 894:906	Maturity (months) 906:918	Maturity (months) 918:930	Maturity (months) 930:942	Maturity (months) 942:954	Maturity (months) 954:966	Maturity (months) 966:978	Maturity (months) 978:990	Maturity (months) 990:1002	Maturity (months) 1002:1014	Maturity (months) 1014:1026	Maturity (months) 1026:1038	Maturity (months) 1038:1050	Maturity (months) 1050:1062	Maturity (months) 1062:1074	Maturity (months) 1074:1086
1989	163,422	166,690	170,024	173,424	176,893	180,431	184,039	187,720	191,475	195,304	199,210	203,194	207,258	211,403	215,631	219,944	224,343	228,830
1990	146,430	149,358	152,346	155,393	158,500	161,670	164,904	168,202	171,566	174,997	178,497	182,067	185,708	189,423	193,211	197,075	201,017	205,037
1991	211,908	216,146	220,469	224,878	229,376	233,963	238,643	243,416	248,284	253,250	258,315	263,481	268,750	274,126	279,608	285,200	290,904	296,722
1992	166,679	170,013	173,413	176,881	180,419	184,027	187,708	191,462	195,291	199,197	203,181	207,245	211,390	215,617	219,930	224,328	228,815	233,391
1993	167,419	170,767	174,183	177,666	181,220	184,844	188,541	192,312	196,158	200,081	204,083	208,164	212,328	216,574	220,906	225,324	229,830	234,427
1994	140,076	142,878	145,735	148,650	151,623	154,655	157,748	160,903	164,121	167,404	170,752	174,167	177,650	181,203	184,827	188,524	192,294	196,140
1995	206,205	210,329	214,536	218,827	223,203	227,667	232,221	236,865	241,602	246,434	251,363	256,390	261,518	266,749	272,084	277,525	283,076	288,737
1996	197,520	201,470	205,500	209,610	213,802	218,078	222,440	226,888	231,426	236,055	240,776	245,591	250,503	255,513	260,623	265,836	271,153	276,576
1997	160,383	163,591	166,862	170,200	173,604	177,076	180,617	184,230	187,914	191,672	195,506	199,416	203,404	207,472	211,622	215,854	220,171	224,575
1998	208,088	212,250	216,495	220,825	225,241	229,746	234,341	239,028	243,808	248,685	253,658	258,732	263,906	269,184	274,568	280,059	285,660	291,374
1999	256,144	261,267	266,493	271,823	277,259	282,804	288,460	294,229	300,114	306,116	312,239	318,483	324,853	331,350	337,977	344,737	351,631	358,664
2000	171,419	174,847	178,344	181,911	185,549	189,260	193,045	196,906	200,844	204,861	208,958	213,138	217,400	221,748	226,183	230,707	235,321	240,028
2001	238,918	243,697	248,571	253,542	258,613	263,785	269,061	274,442	279,931	285,530	291,240	297,065	303,006	309,066	315,248	321,553	327,984	334,543
2002	201,372	205,399	209,507	213,697	217,971	222,330	226,777	231,313	235,939	240,658	245,471	250,380	255,388	260,496	265,705	271,020	276,440	281,969
2003	279,010	284,590	290,282	296,087	302,009	308,049	314,210	320,494	326,904	333,442	340,111	346,913	353,852	360,929	368,147	375,510	383,020	390,681
2004	183,335	187,002	190,742	194,556	198,448	202,416	206,465	210,594	214,806	219,102	223,484	227,954	232,513	237,163	241,906	246,745	251,679	256,713
2005	202,515	206,565	210,697	214,911	219,209	223,593	228,065	232,626	237,279	242,024	246,865	251,802	256,838	261,975	267,214	272,559	278,010	283,570
2006	224,706	229,200	233,784	238,459	243,229	248,093	253,055	258,116	263,279	268,544	273,915	279,393	284,981	290,681	296,494	302,424	308,473	314,642
2007	321,296	327,722	334,277	340,962	347,781	354,737	361,832	369,068	376,450	383,979	391,658	399,491	407,481	415,631	423,943	432,422	441,071	449,892
2008	223,940	228,418	232,987	237,647	242,400	247,248	252,192	257,236	262,381	267,629	272,981	278,441	284,010	289,690	295,484	301,393	307,421	313,570
2009	241,592	246,424	251,353	256,380	261,507	266,737	272,072	277,514	283,064	288,725	294,500	300,390	306,397	312,525	318,776	325,151	331,654	338,288
2010	202,908	206,966	211,106	215,328	219,634	224,027	228,507	233,078	237,739	242,494	247,344	252,291	257,336	262,483	267,733	273,087	278,549	284,120
2011	203,629	207,702	211,856	216,093	220,415	224,823	229,320	233,906	238,584	243,356	248,223	253,187	258,251	263,416	268,684	274,058	279,539	285,130
2012	204,491	208,580	212,752	217,007	221,347	225,774	230,290	234,895	239,593	244,385	249,273	254,258	259,344	264,530	269,821	275,217	280,722	286,336
2013	249,533	254,523	259,614	264,806	270,102	275,504	281,014	286,634	292,367	298,214	304,179	310,262	316,468	322,797	329,253	335,838	342,555	349,406
2014	251,336	256,362	261,490	266,719	272,054	277,495	283,045	288,706	294,480	300,369	306,377	312,504	318,754	325,130	331,632	338,265	345,030	351,931
2015	251,790	256,826	261,962	267,202	272,546	277,997	283,557	289,228	295,012	300,912	306,931	313,069	319,331	325,717	332,232	338,876	345,654	352,567
2016	256,842	261,979	267,219	272,563	278,014	283,575	289,246	295,031	300,932	306,950	313,089	319,351	325,738	332,253	338,898	345,676	352,590	359,641
2017	257,417	262,566	267,817	273,173	278,637	284,210	289,894	295,692	301,605	307,638	313,790	320,066	326,467	332,997	339,657	346,450	353,379	360,446
2018	257,988	263,148	268,411	273,779	279,255	284,840	290,536	296,347	302,274	308,320	314,486	320,776	327,191	333,735	340,410	347,218	354,162	361,245
2019	258,554	263,725	269,000	274,380	279,867	285,465	291,174	296,997	302,937	308,996	315,176	321,480	327,909	334,467	341,157	347,980	354,939	362,038
2020	261,177	266,401	271,729	277,164	282,707	288,361	294,128	300,011	306,011	312,131	318,374	324,741	331,236	337,861	344,618	351,510	358,541	365,712
2021	261,745	266,980	272,320	277,766	283,322	288,988	294,768	300,663	306,676	312,810	319,066	325,447	331,956	338,595	345,367	352,275	359,320	366,507

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
 (b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level	375,150	382,653	390,306	398,112	406,074	414,196	422,480	430,929	439,548	448,339	457,305	466,452	475,781	485,296	495,002	504,902	515,000	525,300
Year of Birth	Maturity (months) 1086:1098	Maturity (months) 1098:1110	Maturity (months) 1110:1122	Maturity (months) 1122:1134	Maturity (months) 1134:1146	Maturity (months) 1146:1158	Maturity (months) 1158:1170	Maturity (months) 1170:1182	Maturity (months) 1182:1194	Maturity (months) 1194:1206	Maturity (months) 1206:1218	Maturity (months) 1218:1230	Maturity (months) 1230:1242	Maturity (months) 1242:1254	Maturity (months) 1254:1266	Maturity (months) 1266:1278	Maturity (months) 1278:1290	Maturity (months) 1290:1302
1989	233,406	238,075	242,836	247,693	252,647	257,700	262,854	268,111	273,473	278,942	284,521	290,212	296,016	301,936	307,975	314,134	320,417	326,825
1990	209,138	213,321	217,587	221,939	226,378	230,905	235,523	240,234	245,038	249,939	254,938	260,037	265,237	270,542	275,953	281,472	287,102	292,844
1991	302,657	308,710	314,884	321,182	327,605	334,157	340,841	347,657	354,611	361,703	368,937	376,316	383,842	391,519	399,349	407,336	415,483	423,792
1992	238,059	242,820	247,676	252,630	257,683	262,836	268,093	273,455	278,924	284,502	290,192	295,996	301,916	307,955	314,114	320,396	326,804	333,340
1993	239,115	243,898	248,776	253,751	258,826	264,003	269,283	274,669	280,162	285,765	291,480	297,310	303,256	309,321	315,508	321,818	328,254	334,819
1994	200,063	204,064	208,146	212,309	216,555	220,886	225,304	229,810	234,406	239,094	243,876	248,753	253,728	258,803	263,979	269,259	274,644	280,137
1995	294,512	300,402	306,410	312,538	318,789	325,165	331,668	338,302	345,068	351,969	359,008	366,189	373,512	380,983	388,602	396,374	404,302	412,388
1996	282,107	287,749	293,504	299,374	305,362	311,469	317,699	324,053	330,534	337,144	343,887	350,765	357,780	364,936	372,234	379,679	387,273	395,018
1997	229,066	233,648	238,321	243,087	247,949	252,908	257,966	263,125	268,388	273,755	279,230	284,815	290,511	296,322	302,248	308,293	314,459	320,748
1998	297,201	303,145	309,208	315,392	321,700	328,134	334,697	341,391	348,219	355,183	362,287	369,532	376,923	384,461	392,151	399,994	407,994	416,153
1999	365,837	373,154	380,617	388,230	395,994	403,914	411,992	420,232	428,637	437,210	445,954	454,873	463,970	473,250	482,715	492,369	502,216	512,261
2000	244,828	249,725	254,719	259,814	265,010	270,310	275,716	281,231	286,855	292,592	298,444	304,413	310,501	316,711	323,046	329,506	336,097	342,819
2001	341,234	348,059	355,020	362,120	369,363	376,750	384,285	391,971	399,810	407,806	415,963	424,282	432,768	441,423	450,251	459,256	468,441	477,810
2002	287,608	293,360	299,228	305,212	311,316	317,543	323,893	330,371	336,979	343,718	350,593	357,605	364,757	372,052	379,493	387,083	394,824	402,721
2003	398,494	406,464	414,594	422,885	431,343	439,970	448,769	457,745	466,900	476,238	485,763	495,478	505,387	515,495	525,805	536,321	547,047	557,988
2004	261,847	267,084	272,426	277,874	283,432	289,101	294,883	300,780	306,796	312,932	319,190	325,574	332,086	338,727	345,502	352,412	359,460	366,649
2005	289,241	295,026	300,927	306,945	313,084	319,346	325,733	332,247	338,892	345,670	352,584	359,635	366,828	374,165	381,648	389,281	397,066	405,008
2006	320,935	327,354	333,901	340,579	347,390	354,338	361,425	368,654	376,027	383,547	391,218	399,042	407,023	415,164	423,467	431,936	440,575	449,387
2007	458,890	468,068	477,429	486,978	496,717	506,652	516,785	527,120	537,663	548,416	559,384	570,572	581,984	593,623	605,496	617,606	629,958	642,557
2008	319,841	326,238	332,763	339,418	346,206	353,130	360,193	367,397	374,745	382,240	389,884	397,682	405,636	413,748	422,023	430,464	439,073	447,855
2009	345,053	351,954	358,993	366,173	373,497	380,967	388,586	396,358	404,285	412,371	420,618	429,030	437,611	446,363	455,290	464,396	473,684	483,158
2010	289,803	295,599	301,511	307,541	313,692	319,966	326,365	332,892	339,550	346,341	353,268	360,333	367,540	374,891	382,388	390,036	397,837	405,794
2011	290,833	296,649	302,582	308,634	314,807	321,103	327,525	334,075	340,757	347,572	354,523	361,614	368,846	376,223	383,748	391,422	399,251	407,236
2012	292,063	297,904	303,862	309,940	316,138	322,461	328,910	335,488	342,198	349,042	356,023	363,144	370,406	377,815	385,371	393,078	400,940	408,959
2013	356,394	363,522	370,792	378,208	385,772	393,488	401,357	409,385	417,572	425,924	434,442	443,131	451,994	461,033	470,254	479,659	489,252	499,037
2014	358,969	366,149	373,472	380,941	388,560	396,331	404,258	412,343	420,590	429,001	437,582	446,333	455,260	464,365	473,652	483,125	492,788	502,644
2015	359,618	366,811	374,147	381,630	389,262	397,048	404,989	413,088	421,350	429,777	438,373	447,140	456,083	465,205	474,509	483,999	493,679	503,552
2016	366,834	374,171	381,654	389,287	397,073	405,015	413,115	421,377	429,805	438,401	447,169	456,112	465,234	474,539	484,030	493,710	503,585	513,656
2017	367,655	375,009	382,509	390,159	397,962	405,921	414,040	422,320	430,767	439,382	448,170	457,133	466,276	475,601	485,113	494,816	504,712	514,806
2018	368,470	375,840	383,357	391,024	398,844	406,821	414,958	423,257	431,722	440,356	449,163	458,147	467,310	476,656	486,189	495,913	505,831	515,948
2019	369,279	376,665	384,198	391,882	399,720	407,714	415,868	424,186	432,669	441,323	450,149	459,152	468,335	477,702	487,256	497,001	506,941	517,080
2020	373,026	380,486	388,096	395,858	403,775	411,851	420,088	428,489	437,059	445,800	454,716	463,811	473,087	482,549	492,200	502,044	512,084	522,326
2021	373,837	381,313	388,940	396,719	404,653	412,746	421,001	429,421	438,009	446,769	455,705	464,819	474,115	483,598	493,270	503,135	513,198	523,462

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2021 Level 535,806 546,522 557,453 568,602 579,974 591,573 603,405 615,473 627,782 640,338 653,145 666,208 679,532 693,122

Year of Birth	Maturity (months) 1302:1314	Maturity (months) 1314:1326	Maturity (months) 1326:1338	Maturity (months) 1338:1350	Maturity (months) 1350:1362	Maturity (months) 1362:1374	Maturity (months) 1374:1386	Maturity (months) 1386:1398	Maturity (months) 1398:1410	Maturity (months) 1410:1422	Maturity (months) 1422:1434	Maturity (months) 1434:1446	Maturity (months) 1446:1458	Maturity (months) 1458:1470
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1989	333,362	340,029	346,830	353,766	360,842	368,058	375,420	382,928	390,587	398,398	406,366	414,494	422,783	431,239
1990	298,700	304,674	310,768	316,983	323,323	329,789	336,385	343,113	349,975	356,975	364,114	371,396	378,824	386,401
1991	432,268	440,914	449,732	458,727	467,901	477,259	486,804	496,540	506,471	516,601	526,933	537,471	548,221	559,185
1992	340,007	346,807	353,743	360,818	368,034	375,395	382,903	390,561	398,372	406,340	414,466	422,756	431,211	439,835
1993	341,516	348,346	355,313	362,419	369,668	377,061	384,602	392,294	400,140	408,143	416,306	424,632	433,125	441,787
1994	285,739	291,454	297,283	303,229	309,294	315,479	321,789	328,225	334,789	341,485	348,315	355,281	362,387	369,634
1995	420,636	429,048	437,629	446,382	455,310	464,416	473,704	483,178	492,842	502,699	512,753	523,008	533,468	544,137
1996	402,919	410,977	419,196	427,580	436,132	444,855	453,752	462,827	472,083	481,525	491,155	500,979	510,998	521,218
1997	327,163	333,706	340,380	347,188	354,132	361,214	368,439	375,807	383,324	390,990	398,810	406,786	414,922	423,220
1998	424,476	432,966	441,625	450,458	459,467	468,656	478,029	487,590	497,342	507,289	517,434	527,783	538,339	549,106
1999	522,506	532,956	543,615	554,487	565,577	576,889	588,426	600,195	612,199	624,443	636,932	649,670	662,664	675,917
2000	349,675	356,668	363,802	371,078	378,499	386,069	393,791	401,667	409,700	417,894	426,252	434,777	443,472	452,342
2001	487,367	497,114	507,056	517,197	527,541	538,092	548,854	559,831	571,028	582,448	594,097	605,979	618,099	630,461
2002	410,775	418,991	427,371	435,918	444,636	453,529	462,600	471,852	481,289	490,914	500,733	510,747	520,962	531,382
2003	569,148	580,531	592,142	603,985	616,064	628,386	640,953	653,772	666,848	680,185	693,788	707,664	721,818	736,254
2004	373,982	381,462	389,091	396,873	404,811	412,907	421,165	429,588	438,180	446,944	455,882	465,000	474,300	483,786
2005	413,108	421,370	429,798	438,393	447,161	456,105	465,227	474,531	484,022	493,702	503,576	513,648	523,921	534,399
2006	458,374	467,542	476,893	486,430	496,159	506,082	516,204	526,528	537,059	547,800	558,756	569,931	581,329	592,956
2007	655,408	668,516	681,886	695,524	709,435	723,623	738,096	752,858	767,915	783,273	798,939	814,917	831,216	847,840
2008	456,812	465,948	475,267	484,772	494,468	504,357	514,444	524,733	535,228	545,932	556,851	567,988	579,348	590,935
2009	492,821	502,677	512,731	522,986	533,445	544,114	554,997	566,096	577,418	588,967	600,746	612,761	625,016	637,517
2010	413,910	422,188	430,631	439,244	448,029	456,990	466,129	475,452	484,961	494,660	504,553	514,644	524,937	535,436
2011	415,381	423,688	432,162	440,805	449,621	458,614	467,786	477,142	486,685	496,418	506,347	516,474	526,803	537,339
2012	417,138	425,481	433,990	442,670	451,523	460,554	469,765	479,160	488,743	498,518	508,489	518,658	529,032	539,612
2013	509,018	519,199	529,583	540,174	550,978	561,997	573,237	584,702	596,396	608,324	620,490	632,900	645,558	658,469
2014	512,696	522,950	533,409	544,078	554,959	566,058	577,379	588,927	600,706	612,720	624,974	637,474	650,223	663,228
2015	513,623	523,896	534,374	545,061	555,962	567,082	578,423	589,992	601,792	613,827	626,104	638,626	651,399	664,427
2016	523,929	534,408	545,096	555,998	567,118	578,460	590,030	601,830	613,867	626,144	638,667	651,440	664,469	677,759
2017	525,102	535,604	546,317	557,243	568,388	579,756	591,351	603,178	615,241	627,546	640,097	652,899	665,957	679,276
2018	526,266	536,792	547,528	558,478	569,648	581,041	592,662	604,515	616,605	628,937	641,516	654,346	667,433	680,782
2019	527,421	537,970	548,729	559,704	570,898	582,316	593,962	605,841	617,958	630,317	642,924	655,782	668,898	682,276
2020	532,773	543,428	554,297	565,383	576,690	588,224	599,989	611,988	624,228	636,713	649,447	662,436	675,685	689,198
2021	533,931	544,610	555,502	566,612	577,944	589,503	601,293	613,319	625,585	638,097	650,859	663,876	677,153	690,697

Notes: (a) Average incremental payment 2021 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 6:18	Maturity (months) 18:30	Maturity (months) 30:42	Maturity (months) 42:54	Maturity (months) 54:66	Maturity (months) 66:78	Maturity (months) 78:90	Maturity (months) 90:102	Maturity (months) 102:114	Maturity (months) 114:126	Maturity (months) 126:138	Maturity (months) 138:150	Maturity (months) 150:162	Maturity (months) 162:174	Maturity (months) 174:186	Maturity (months) 186:198	Maturity (months) 198:210	Maturity (months) 210:222
1989																		
1990																		
1991																		
1992																		
1993																		
1994																		
1995																		
1996																		
1997																		
1998																		
1999																		
2000																		
2001																		
2002																		
2003																		
2004																		5.00
2005																	7.00	6.89
2006																9.00	8.88	8.76
2007															7.00	6.84	6.68	6.52
2008														9.00	8.92	8.84	8.75	8.67
2009													10.00	9.90	9.80	9.70	9.60	9.49
2010												5.00	4.98	4.95	4.93	4.90	4.87	4.85
2011											10.00	9.90	9.79	9.69	9.58	9.47	9.37	9.26
2012										7.00	6.94	6.89	6.83	6.77	6.71	6.65	6.59	6.53
2013									7.00	6.87	6.75	6.62	6.50	6.37	6.25	6.12	5.99	5.87
2014								9.00	8.82	8.65	8.47	8.30	8.12	7.95	7.78	7.61	7.44	7.26
2015							15.00	14.81	14.62	14.42	14.23	14.04	13.85	13.65	13.46	13.26	13.07	12.87
2016						5.94	5.86	5.78	5.70	5.63	5.55	5.47	5.39	5.31	5.23	5.15	5.07	4.99
2017					13.20	13.65	13.44	13.23	13.02	12.81	12.60	12.40	12.19	11.98	11.77	11.56	11.35	11.14
2018				14.57	15.82	16.40	16.19	15.97	15.76	15.54	15.33	15.11	14.90	14.68	14.47	14.25	14.03	13.81
2019			8.85	13.40	14.55	15.07	14.88	14.68	14.48	14.28	14.08	13.89	13.69	13.49	13.29	13.09	12.88	12.68
2020		3.52	7.47	11.28	12.23	12.66	12.47	12.29	12.10	11.92	11.73	11.55	11.37	11.18	11.00	10.81	10.63	10.44
2021	0.20	1.43	3.07	4.68	5.09	5.29	5.23	5.18	5.12	5.07	5.01	4.95	4.90	4.84	4.78	4.73	4.67	4.61

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 6:18 to 66:78, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 222:234	Maturity (months) 234:246	Maturity (months) 246:258	Maturity (months) 258:270	Maturity (months) 270:282	Maturity (months) 282:294	Maturity (months) 294:306	Maturity (months) 306:318	Maturity (months) 318:330	Maturity (months) 330:342	Maturity (months) 342:354	Maturity (months) 354:366	Maturity (months) 366:378	Maturity (months) 378:390	Maturity (months) 390:402	Maturity (months) 402:414	Maturity (months) 414:426	Maturity (months) 426:438
1989															3.00	2.97	2.93	2.90
1990														3.00	2.90	2.80	2.70	2.60
1991													4.00	3.94	3.88	3.82	3.76	3.70
1992												9.00	8.88	8.76	8.64	8.52	8.40	8.28
1993											8.00	7.89	7.77	7.66	7.54	7.43	7.31	7.19
1994										3.00	2.98	2.97	2.95	2.94	2.92	2.90	2.89	2.87
1995									5.00	4.95	4.89	4.83	4.78	4.72	4.66	4.61	4.55	4.49
1996								6.00	5.87	5.74	5.61	5.47	5.34	5.21	5.08	4.95	4.83	4.70
1997							8.00	7.92	7.84	7.76	7.69	7.60	7.52	7.44	7.36	7.27	7.19	7.10
1998						11.00	10.86	10.72	10.58	10.44	10.30	10.16	10.02	9.87	9.73	9.58	9.44	9.29
1999					3.00	2.94	2.88	2.87	2.81	2.75	2.68	2.62	2.56	2.49	2.43	2.37	2.31	2.19
2000				3.00	2.94	2.88	2.83	2.77	2.71	2.66	2.60	2.54	2.49	2.43	2.37	2.32	2.26	2.20
2001			4.00	3.95	3.90	3.85	3.80	3.75	3.71	3.66	3.60	3.55	3.50	3.45	3.40	3.35	3.30	3.24
2002		13.00	12.79	12.57	12.36	12.14	11.93	11.71	11.49	11.28	11.06	10.85	10.63	10.42	10.20	9.98	9.77	9.55
2003	3.00	2.92	2.83	2.75	2.67	2.59	2.51	2.43	2.35	2.27	2.20	2.12	2.05	1.98	1.91	1.84	1.77	1.70
2004	4.95	4.91	4.86	4.81	4.76	4.72	4.67	4.62	4.57	4.52	4.47	4.42	4.37	4.32	4.26	4.21	4.16	4.10
2005	6.79	6.68	6.57	6.47	6.36	6.25	6.14	6.04	5.93	5.82	5.71	5.60	5.50	5.39	5.28	5.17	5.06	4.95
2006	8.64	8.52	8.40	8.28	8.16	8.04	7.92	7.79	7.67	7.55	7.42	7.30	7.17	7.05	6.92	6.80	6.67	6.54
2007	6.37	6.21	6.05	5.90	5.74	5.59	5.44	5.29	5.14	5.00	4.85	4.71	4.56	4.42	4.28	4.14	4.01	3.87
2008	8.58	8.50	8.41	8.32	8.23	8.14	8.05	7.96	7.87	7.78	7.69	7.59	7.50	7.40	7.31	7.21	7.11	7.02
2009	9.39	9.28	9.17	9.07	8.96	8.85	8.74	8.63	8.52	8.41	8.30	8.18	8.07	7.95	7.84	7.72	7.61	7.49
2010	4.82	4.79	4.77	4.74	4.71	4.68	4.65	4.62	4.60	4.57	4.54	4.50	4.47	4.44	4.41	4.38	4.34	4.31
2011	9.15	9.03	8.92	8.81	8.70	8.58	8.47	8.35	8.24	8.12	8.00	7.89	7.77	7.65	7.53	7.41	7.29	7.17
2012	6.47	6.41	6.34	6.28	6.22	6.15	6.09	6.02	5.96	5.89	5.82	5.76	5.69	5.62	5.55	5.48	5.41	5.34
2013	5.74	5.62	5.49	5.37	5.24	5.12	5.00	4.88	4.76	4.64	4.52	4.40	4.28	4.16	4.04	3.93	3.81	3.70
2014	7.09	6.92	6.75	6.58	6.42	6.25	6.09	5.92	5.76	5.60	5.44	5.28	5.13	4.97	4.82	4.67	4.52	4.37
2015	12.67	12.47	12.27	12.06	11.86	11.66	11.46	11.25	11.05	10.85	10.65	10.44	10.24	10.04	9.83	9.63	9.42	9.22
2016	4.91	4.83	4.75	4.67	4.58	4.50	4.42	4.34	4.26	4.17	4.09	4.01	3.93	3.85	3.77	3.68	3.60	3.52
2017	10.93	10.72	10.51	10.30	10.09	9.88	9.67	9.46	9.26	9.05	8.84	8.64	8.43	8.23	8.02	7.82	7.62	7.41
2018	13.58	13.36	13.14	12.91	12.69	12.47	12.24	12.02	11.79	11.57	11.35	11.12	10.90	10.67	10.45	10.22	10.00	9.77
2019	12.47	12.27	12.06	11.86	11.65	11.44	11.24	11.03	10.82	10.62	10.41	10.20	10.00	9.79	9.58	9.37	9.17	8.96
2020	10.25	10.06	9.87	9.69	9.50	9.31	9.12	8.94	8.75	8.56	8.38	8.19	8.01	7.82	7.64	7.45	7.27	7.09
2021	4.55	4.49	4.43	4.37	4.31	4.25	4.18	4.12	4.06	4.00	3.94	3.87	3.81	3.75	3.68	3.62	3.56	3.49

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 6:18 to 66:78, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 438:450	Maturity (months) 450:462	Maturity (months) 462:474	Maturity (months) 474:486	Maturity (months) 486:498	Maturity (months) 498:510	Maturity (months) 510:522	Maturity (months) 522:534	Maturity (months) 534:546	Maturity (months) 546:558	Maturity (months) 558:570	Maturity (months) 570:582	Maturity (months) 582:594	Maturity (months) 594:606	Maturity (months) 606:618	Maturity (months) 618:630	Maturity (months) 630:642	Maturity (months) 642:654
1989	2.87	2.83	2.80	2.76	2.73	2.69	2.65	2.62	2.58	2.54	2.50	2.46	2.42	2.38	2.34	2.29	2.25	2.21
1990	2.50	2.41	2.31	2.22	2.13	2.04	1.95	1.87	1.78	1.70	1.61	1.53	1.45	1.38	1.30	1.22	1.15	1.08
1991	3.64	3.58	3.51	3.45	3.39	3.33	3.26	3.20	3.13	3.07	3.00	2.93	2.86	2.80	2.73	2.66	2.59	2.51
1992	8.15	8.03	7.90	7.78	7.65	7.52	7.39	7.26	7.12	6.99	6.85	6.71	6.57	6.43	6.28	6.14	5.99	5.84
1993	7.07	6.96	6.83	6.71	6.59	6.47	6.34	6.22	6.09	5.97	5.84	5.71	5.58	5.44	5.31	5.17	5.03	4.90
1994	2.85	2.83	2.81	2.80	2.78	2.76	2.74	2.72	2.70	2.68	2.65	2.63	2.61	2.59	2.56	2.54	2.51	2.49
1995	4.43	4.37	4.31	4.25	4.18	4.12	4.06	3.99	3.93	3.86	3.79	3.73	3.66	3.59	3.51	3.44	3.37	3.29
1996	4.57	4.44	4.31	4.19	4.06	3.94	3.81	3.69	3.56	3.44	3.32	3.19	3.07	2.95	2.83	2.71	2.59	2.47
1997	7.02	6.93	6.84	6.75	6.66	6.56	6.47	6.38	6.28	6.18	6.08	5.98	5.88	5.78	5.67	5.56	5.45	5.34
1998	9.14	8.99	8.84	8.68	8.53	8.37	8.22	8.06	7.90	7.74	7.57	7.41	7.24	7.07	6.90	6.73	6.56	6.38
1999	2.12	2.06	2.00	1.94	1.88	1.82	1.76	1.71	1.65	1.59	1.53	1.47	1.42	1.36	1.30	1.25	1.19	1.13
2000	2.15	2.09	2.03	1.98	1.92	1.87	1.81	1.76	1.70	1.64	1.59	1.53	1.48	1.43	1.37	1.32	1.26	1.21
2001	3.19	3.14	3.08	3.03	2.97	2.92	2.86	2.80	2.75	2.69	2.63	2.57	2.52	2.46	2.40	2.33	2.27	2.21
2002	9.33	9.11	8.90	8.68	8.46	8.24	8.02	7.80	7.59	7.37	7.15	6.93	6.71	6.49	6.26	6.04	5.82	5.60
2003	1.63	1.56	1.50	1.44	1.37	1.31	1.25	1.19	1.13	1.08	1.02	0.97	0.91	0.86	0.81	0.76	0.71	0.66
2004	4.05	3.99	3.94	3.88	3.83	3.77	3.71	3.65	3.59	3.53	3.47	3.41	3.35	3.28	3.22	3.15	3.08	3.01
2005	4.84	4.73	4.62	4.51	4.40	4.29	4.18	4.07	3.96	3.85	3.73	3.62	3.51	3.40	3.29	3.17	3.06	2.95
2006	6.41	6.28	6.15	6.03	5.90	5.76	5.63	5.50	5.37	5.24	5.10	4.97	4.83	4.69	4.56	4.42	4.28	4.14
2007	3.73	3.60	3.47	3.34	3.21	3.09	2.96	2.84	2.72	2.60	2.48	2.36	2.25	2.14	2.02	1.92	1.81	1.70
2008	6.92	6.82	6.71	6.61	6.51	6.40	6.30	6.19	6.08	5.97	5.86	5.75	5.64	5.52	5.40	5.28	5.16	5.04
2009	7.37	7.25	7.13	7.01	6.88	6.76	6.63	6.51	6.38	6.25	6.12	5.99	5.86	5.72	5.59	5.45	5.31	5.17
2010	4.28	4.24	4.21	4.17	4.13	4.10	4.06	4.02	3.98	3.94	3.90	3.86	3.82	3.77	3.73	3.68	3.64	3.59
2011	7.04	6.92	6.80	6.67	6.54	6.42	6.29	6.16	6.03	5.90	5.77	5.63	5.50	5.36	5.23	5.09	4.95	4.80
2012	5.26	5.19	5.12	5.04	4.97	4.89	4.81	4.74	4.66	4.58	4.50	4.41	4.33	4.25	4.16	4.07	3.98	3.89
2013	3.59	3.47	3.36	3.25	3.14	3.03	2.92	2.81	2.71	2.60	2.50	2.39	2.29	2.19	2.09	1.99	1.89	1.79
2014	4.22	4.07	3.93	3.78	3.64	3.50	3.37	3.23	3.09	2.96	2.83	2.70	2.57	2.45	2.32	2.20	2.08	1.96
2015	9.01	8.81	8.60	8.39	8.19	7.98	7.77	7.57	7.36	7.15	6.94	6.73	6.52	6.31	6.10	5.89	5.68	5.47
2016	3.44	3.35	3.27	3.19	3.11	3.03	2.94	2.86	2.78	2.70	2.61	2.53	2.45	2.37	2.28	2.20	2.12	2.03
2017	7.21	7.01	6.81	6.61	6.41	6.22	6.02	5.82	5.63	5.44	5.24	5.05	4.86	4.67	4.48	4.29	4.10	3.91
2018	9.55	9.32	9.09	8.87	8.64	8.42	8.19	7.96	7.74	7.51	7.28	7.06	6.83	6.60	6.37	6.14	5.91	5.68
2019	8.75	8.54	8.33	8.13	7.92	7.71	7.50	7.29	7.09	6.88	6.67	6.46	6.25	6.04	5.83	5.62	5.41	5.20
2020	6.90	6.72	6.54	6.36	6.18	5.99	5.81	5.63	5.46	5.28	5.10	4.92	4.74	4.57	4.39	4.21	4.04	3.86
2021	3.43	3.36	3.30	3.23	3.16	3.10	3.03	2.96	2.90	2.83	2.76	2.69	2.62	2.55	2.48	2.41	2.34	2.26

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 6:18 to 66:78, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 654:666	Maturity (months) 666:678	Maturity (months) 678:690	Maturity (months) 690:702	Maturity (months) 702:714	Maturity (months) 714:726	Maturity (months) 726:738	Maturity (months) 738:750	Maturity (months) 750:762	Maturity (months) 762:774	Maturity (months) 774:786	Maturity (months) 786:798	Maturity (months) 798:810	Maturity (months) 810:822	Maturity (months) 822:834	Maturity (months) 834:846	Maturity (months) 846:858	Maturity (months) 858:870
1989	2.16	2.11	2.07	2.02	1.97	1.92	1.87	1.82	1.76	1.71	1.66	1.60	1.54	1.48	1.43	1.37	1.31	1.24
1990	1.01	0.94	0.87	0.81	0.75	0.69	0.63	0.58	0.52	0.47	0.42	0.38	0.34	0.30	0.26	0.22	0.19	0.16
1991	2.44	2.37	2.29	2.22	2.14	2.07	1.99	1.91	1.83	1.75	1.67	1.59	1.51	1.43	1.35	1.27	1.19	1.12
1992	5.69	5.53	5.38	5.22	5.06	4.89	4.73	4.56	4.39	4.22	4.05	3.87	3.70	3.52	3.34	3.16	2.99	2.81
1993	4.75	4.61	4.47	4.32	4.18	4.03	3.88	3.73	3.57	3.42	3.27	3.11	2.96	2.80	2.64	2.49	2.33	2.18
1994	2.46	2.43	2.40	2.37	2.34	2.31	2.28	2.25	2.21	2.18	2.14	2.10	2.06	2.02	1.98	1.94	1.89	1.84
1995	3.22	3.14	3.06	2.98	2.90	2.81	2.73	2.64	2.56	2.47	2.38	2.29	2.19	2.10	2.01	1.91	1.82	1.72
1996	2.36	2.24	2.12	2.01	1.90	1.78	1.67	1.57	1.46	1.36	1.25	1.16	1.06	0.97	0.88	0.79	0.71	0.63
1997	5.22	5.11	4.99	4.87	4.75	4.62	4.49	4.36	4.23	4.09	3.96	3.82	3.68	3.53	3.38	3.24	3.09	2.94
1998	6.20	6.02	5.83	5.65	5.46	5.27	5.08	4.89	4.69	4.50	4.30	4.10	3.90	3.70	3.50	3.30	3.10	2.90
1999	1.08	1.02	0.97	0.92	0.86	0.81	0.76	0.71	0.66	0.61	0.57	0.52	0.48	0.43	0.39	0.35	0.32	0.28
2000	1.15	1.10	1.05	0.99	0.94	0.89	0.84	0.79	0.74	0.69	0.64	0.59	0.55	0.50	0.46	0.42	0.38	0.34
2001	2.15	2.08	2.02	1.95	1.89	1.82	1.75	1.68	1.61	1.55	1.48	1.41	1.34	1.27	1.20	1.13	1.06	0.99
2002	5.37	5.15	4.93	4.71	4.49	4.27	4.05	3.83	3.61	3.40	3.19	2.98	2.77	2.57	2.37	2.18	1.99	1.81
2003	0.62	0.57	0.53	0.49	0.45	0.41	0.37	0.34	0.31	0.27	0.24	0.22	0.19	0.17	0.14	0.12	0.11	0.09
2004	2.94	2.87	2.80	2.73	2.65	2.58	2.50	2.42	2.34	2.26	2.18	2.10	2.01	1.93	1.84	1.75	1.67	1.58
2005	2.83	2.72	2.60	2.49	2.38	2.26	2.15	2.04	1.92	1.81	1.70	1.59	1.49	1.38	1.28	1.18	1.08	0.98
2006	4.00	3.85	3.71	3.57	3.42	3.28	3.13	2.99	2.84	2.70	2.55	2.41	2.27	2.12	1.98	1.85	1.71	1.58
2007	1.60	1.50	1.40	1.30	1.21	1.12	1.03	0.95	0.87	0.79	0.71	0.64	0.57	0.51	0.45	0.39	0.34	0.30
2008	4.92	4.79	4.66	4.53	4.40	4.26	4.13	3.99	3.85	3.71	3.56	3.42	3.27	3.12	2.97	2.82	2.67	2.52
2009	5.02	4.88	4.73	4.58	4.43	4.28	4.13	3.97	3.81	3.66	3.50	3.34	3.18	3.01	2.85	2.69	2.53	2.37
2010	3.54	3.49	3.44	3.38	3.33	3.27	3.21	3.15	3.09	3.03	2.96	2.89	2.82	2.75	2.68	2.60	2.53	2.45
2011	4.66	4.51	4.37	4.22	4.07	3.92	3.77	3.62	3.46	3.31	3.15	3.00	2.84	2.69	2.53	2.38	2.22	2.07
2012	3.80	3.71	3.61	3.51	3.42	3.32	3.21	3.11	3.01	2.90	2.79	2.68	2.57	2.46	2.35	2.24	2.12	2.01
2013	1.70	1.60	1.51	1.42	1.33	1.24	1.15	1.07	0.99	0.91	0.83	0.76	0.69	0.62	0.56	0.49	0.44	0.38
2014	1.85	1.73	1.62	1.51	1.41	1.30	1.20	1.11	1.02	0.93	0.84	0.76	0.68	0.61	0.54	0.47	0.41	0.36
2015	5.25	5.04	4.83	4.62	4.40	4.19	3.98	3.77	3.56	3.36	3.15	2.95	2.75	2.55	2.36	2.17	1.99	1.81
2016	1.95	1.87	1.79	1.70	1.62	1.54	1.46	1.38	1.30	1.22	1.14	1.06	0.99	0.91	0.84	0.77	0.70	0.64
2017	3.73	3.54	3.36	3.18	3.00	2.82	2.65	2.48	2.31	2.15	1.99	1.83	1.68	1.54	1.40	1.26	1.13	1.01
2018	5.46	5.23	5.00	4.77	4.54	4.32	4.09	3.87	3.65	3.43	3.21	3.00	2.79	2.58	2.38	2.18	1.99	1.81
2019	4.99	4.78	4.57	4.36	4.15	3.94	3.73	3.53	3.33	3.12	2.93	2.73	2.54	2.35	2.17	1.99	1.81	1.65
2020	3.69	3.51	3.34	3.17	3.00	2.83	2.67	2.51	2.35	2.19	2.03	1.88	1.73	1.59	1.45	1.32	1.19	1.07
2021	2.19	2.12	2.04	1.97	1.89	1.82	1.74	1.66	1.59	1.51	1.43	1.36	1.28	1.20	1.13	1.05	0.98	0.91

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 6:18 to 66:78, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 870:882	Maturity (months) 882:894	Maturity (months) 894:906	Maturity (months) 906:918	Maturity (months) 918:930	Maturity (months) 930:942	Maturity (months) 942:954	Maturity (months) 954:966	Maturity (months) 966:978	Maturity (months) 978:990	Maturity (months) 990:1002	Maturity (months) 1002:1014	Maturity (months) 1014:1026	Maturity (months) 1026:1038	Maturity (months) 1038:1050	Maturity (months) 1050:1062	Maturity (months) 1062:1074	Maturity (months) 1074:1086
1989	1.18	1.12	1.06	1.00	0.93	0.87	0.81	0.75	0.68	0.62	0.57	0.51	0.45	0.40	0.35	0.30	0.26	0.22
1990	0.14	0.12	0.10	0.08	0.06	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1991	1.04	0.96	0.89	0.81	0.74	0.67	0.60	0.54	0.48	0.42	0.36	0.31	0.26	0.22	0.18	0.15	0.12	0.09
1992	2.63	2.46	2.28	2.11	1.94	1.77	1.61	1.46	1.30	1.16	1.02	0.89	0.77	0.65	0.55	0.45	0.37	0.29
1993	2.03	1.88	1.73	1.59	1.45	1.31	1.18	1.05	0.93	0.82	0.71	0.61	0.52	0.43	0.36	0.29	0.23	0.18
1994	1.80	1.75	1.70	1.64	1.59	1.53	1.47	1.41	1.35	1.29	1.23	1.16	1.10	1.03	0.96	0.89	0.82	0.76
1995	1.62	1.53	1.43	1.34	1.24	1.15	1.05	0.96	0.87	0.79	0.70	0.62	0.55	0.47	0.41	0.34	0.29	0.24
1996	0.56	0.49	0.43	0.37	0.32	0.27	0.22	0.18	0.15	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.01	0.01
1997	2.79	2.63	2.48	2.33	2.18	2.02	1.87	1.72	1.57	1.43	1.29	1.15	1.02	0.90	0.78	0.67	0.57	0.47
1998	2.70	2.51	2.32	2.13	1.95	1.77	1.59	1.43	1.27	1.11	0.97	0.84	0.71	0.60	0.50	0.40	0.32	0.25
1999	0.25	0.22	0.19	0.16	0.14	0.12	0.10	0.08	0.06	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.00	0.00
2000	0.30	0.27	0.24	0.21	0.18	0.15	0.13	0.11	0.09	0.07	0.06	0.04	0.03	0.02	0.02	0.01	0.01	0.01
2001	0.92	0.85	0.79	0.72	0.66	0.60	0.54	0.48	0.42	0.37	0.32	0.28	0.24	0.20	0.16	0.13	0.10	0.08
2002	1.64	1.47	1.31	1.16	1.02	0.89	0.76	0.65	0.55	0.45	0.37	0.30	0.24	0.18	0.14	0.10	0.07	0.05
2003	0.07	0.06	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	1.49	1.40	1.32	1.23	1.14	1.05	0.97	0.89	0.80	0.72	0.65	0.57	0.50	0.44	0.38	0.32	0.27	0.22
2005	0.89	0.80	0.72	0.64	0.56	0.49	0.43	0.36	0.31	0.26	0.21	0.17	0.14	0.11	0.08	0.06	0.04	0.03
2006	1.45	1.32	1.20	1.08	0.97	0.86	0.76	0.66	0.57	0.49	0.41	0.34	0.28	0.23	0.18	0.14	0.10	0.08
2007	0.25	0.21	0.18	0.15	0.12	0.10	0.08	0.06	0.04	0.03	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00
2008	2.37	2.22	2.07	1.92	1.78	1.63	1.49	1.35	1.22	1.09	0.97	0.85	0.74	0.63	0.54	0.45	0.37	0.30
2009	2.21	2.06	1.90	1.75	1.60	1.45	1.31	1.18	1.05	0.92	0.81	0.70	0.59	0.50	0.41	0.34	0.27	0.21
2010	2.37	2.28	2.20	2.11	2.02	1.93	1.84	1.74	1.65	1.55	1.45	1.35	1.25	1.16	1.06	0.96	0.87	0.77
2011	1.92	1.78	1.63	1.49	1.35	1.22	1.09	0.97	0.86	0.75	0.64	0.55	0.46	0.38	0.31	0.25	0.20	0.15
2012	1.89	1.78	1.67	1.55	1.44	1.33	1.22	1.11	1.01	0.90	0.81	0.71	0.62	0.54	0.46	0.39	0.32	0.26
2013	0.33	0.29	0.25	0.21	0.17	0.14	0.12	0.09	0.07	0.06	0.04	0.03	0.02	0.02	0.01	0.01	0.00	0.00
2014	0.31	0.26	0.22	0.18	0.15	0.12	0.09	0.07	0.06	0.04	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00
2015	1.64	1.48	1.33	1.18	1.04	0.90	0.78	0.67	0.56	0.47	0.39	0.31	0.25	0.19	0.15	0.11	0.08	0.06
2016	0.58	0.52	0.46	0.41	0.35	0.31	0.26	0.22	0.19	0.15	0.13	0.10	0.08	0.06	0.05	0.03	0.02	0.02
2017	0.89	0.79	0.68	0.59	0.50	0.43	0.36	0.29	0.24	0.19	0.15	0.11	0.08	0.06	0.04	0.03	0.02	0.01
2018	1.63	1.47	1.31	1.15	1.01	0.88	0.75	0.64	0.54	0.44	0.36	0.29	0.23	0.18	0.13	0.10	0.07	0.05
2019	1.49	1.33	1.19	1.05	0.92	0.79	0.68	0.58	0.49	0.40	0.33	0.26	0.21	0.16	0.12	0.09	0.06	0.04
2020	0.95	0.84	0.74	0.64	0.55	0.47	0.40	0.33	0.27	0.22	0.17	0.13	0.10	0.08	0.06	0.04	0.03	0.02
2021	0.84	0.77	0.70	0.64	0.57	0.51	0.45	0.40	0.35	0.30	0.25	0.21	0.18	0.14	0.12	0.09	0.07	0.05

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 6:18 to 66:78, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 1086:1098	Maturity (months) 1098:1110	Maturity (months) 1110:1122	Maturity (months) 1122:1134	Maturity (months) 1134:1146	Maturity (months) 1146:1158	Maturity (months) 1158:1170	Maturity (months) 1170:1182	Maturity (months) 1182:1194	Maturity (months) 1194:1206	Maturity (months) 1206:1218	Maturity (months) 1218:1230	Maturity (months) 1230:1242	Maturity (months) 1242:1254	Maturity (months) 1254:1266	Maturity (months) 1266:1278	Maturity (months) 1278:1290	Maturity (months) 1290:1302
1989	0.18	0.15	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1990	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-
1991	0.07	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	0.23	0.18	0.13	0.10	0.07	0.05	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	0.14	0.10	0.07	0.05	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	0.69	0.62	0.56	0.49	0.43	0.38	0.32	0.28	0.23	0.19	0.16	0.13	0.10	0.08	0.07	0.05	0.04	0.04
1995	0.19	0.15	0.12	0.09	0.07	0.05	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	0.39	0.32	0.25	0.19	0.15	0.11	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00
1998	0.19	0.15	0.11	0.07	0.05	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	0.06	0.05	0.03	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-
2004	0.18	0.14	0.11	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2005	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-
2008	0.24	0.19	0.14	0.10	0.08	0.05	0.04	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.16	0.12	0.09	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0.69	0.60	0.52	0.45	0.38	0.31	0.26	0.21	0.17	0.13	0.10	0.08	0.06	0.04	0.03	0.02	0.02	0.01
2011	0.11	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.21	0.17	0.13	0.10	0.07	0.05	0.04	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-
2015	0.04	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2020	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2021	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 6:18 to 66:78, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 1302:1314	Maturity (months) 1314:1326	Maturity (months) 1326:1338	Maturity (months) 1338:1350	Maturity (months) 1350:1362	Maturity (months) 1362:1374	Maturity (months) 1374:1386	Maturity (months) 1386:1398	Maturity (months) 1398:1410	Maturity (months) 1410:1422	Maturity (months) 1422:1434	Maturity (months) 1434:1446	Maturity (months) 1446:1458	Maturity (months) 1458:1470	Maturity (months) 1470:1482
1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1995	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 6:18 to 66:78, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (5) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 6:18	Maturity (months) 18:30	Maturity (months) 30:42	Maturity (months) 42:54	Maturity (months) 54:66	Maturity (months) 66:78	Maturity (months) 78:90	Maturity (months) 90:102	Maturity (months) 102:114	Maturity (months) 114:126	Maturity (months) 126:138	Maturity (months) 138:150	Maturity (months) 150:162	Maturity (months) 162:174	Maturity (months) 174:186	Maturity (months) 186:198	Maturity (months) 198:210	Maturity (months) 210:222
1989																		
1990																		
1991																		
1992																		
1993																		
1994																		
1995																		
1996																		
1997																		
1998																		
1999																		
2000																		
2001																		
2002																		
2003																		
2004																		0.0092
2005																	0.0151	0.0154
2006																0.0131	0.0134	0.0136
2007															0.0227	0.0232	0.0237	0.0242
2008														0.0091	0.0093	0.0095	0.0097	0.0099
2009													0.0100	0.0102	0.0104	0.0106	0.0109	0.0111
2010											0.0049	0.0049	0.0050	0.0052	0.0053	0.0054	0.0055	
2011										0.0104	0.0105	0.0107	0.0109	0.0112	0.0114	0.0117	0.0119	
2012									0.0081	0.0082	0.0083	0.0085	0.0087	0.0089	0.0091	0.0093	0.0094	
2013								0.0181	0.0184	0.0186	0.0189	0.0193	0.0196	0.0201	0.0205	0.0210	0.0214	
2014							0.0197	0.0200	0.0202	0.0205	0.0208	0.0212	0.0216	0.0221	0.0226	0.0231	0.0236	
2015						0.0128	0.0130	0.0131	0.0133	0.0135	0.0137	0.0140	0.0142	0.0146	0.0149	0.0152	0.0155	
2016						0.0132	0.0134	0.0136	0.0138	0.0140	0.0142	0.0144	0.0146	0.0149	0.0153	0.0156	0.0159	0.0163
2017					0.0152	0.0154	0.0156	0.0158	0.0160	0.0162	0.0165	0.0167	0.0170	0.0174	0.0178	0.0182	0.0186	0.0190
2018				0.0128	0.0129	0.0131	0.0133	0.0134	0.0136	0.0138	0.0140	0.0142	0.0145	0.0148	0.0151	0.0154	0.0158	0.0161
2019			0.0233	0.0129	0.0130	0.0131	0.0133	0.0135	0.0137	0.0139	0.0141	0.0143	0.0145	0.0148	0.0152	0.0155	0.0158	0.0162
2020		0.0350	0.0259	0.0143	0.0145	0.0146	0.0148	0.0150	0.0152	0.0154	0.0157	0.0159	0.0162	0.0165	0.0169	0.0173	0.0176	0.0180
2021	0.1854	0.0251	0.0186	0.0103	0.0104	0.0105	0.0107	0.0108	0.0109	0.0111	0.0112	0.0114	0.0116	0.0119	0.0121	0.0124	0.0127	0.0129

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 222:234	Maturity (months) 234:246	Maturity (months) 246:258	Maturity (months) 258:270	Maturity (months) 270:282	Maturity (months) 282:294	Maturity (months) 294:306	Maturity (months) 306:318	Maturity (months) 318:330	Maturity (months) 330:342	Maturity (months) 342:354	Maturity (months) 354:366	Maturity (months) 366:378	Maturity (months) 378:390	Maturity (months) 390:402	Maturity (months) 402:414	Maturity (months) 414:426	Maturity (months) 426:438
1989															0.0110	0.0112	0.0115	0.0118
1990														0.0339	0.0347	0.0355	0.0363	0.0372
1991													0.0148	0.0151	0.0155	0.0158	0.0162	0.0166
1992												0.0131	0.0134	0.0137	0.0140	0.0143	0.0146	0.0150
1993											0.0141	0.0144	0.0147	0.0151	0.0154	0.0157	0.0161	0.0165
1994									0.0052	0.0053	0.0054	0.0055	0.0056	0.0058	0.0059	0.0060	0.0062	
1995								0.0109	0.0111	0.0114	0.0116	0.0119	0.0121	0.0124	0.0127	0.0130	0.0133	
1996							0.0220	0.0224	0.0229	0.0233	0.0238	0.0244	0.0249	0.0255	0.0260	0.0266	0.0273	
1997						0.0097	0.0099	0.0101	0.0103	0.0105	0.0107	0.0109	0.0112	0.0114	0.0117	0.0120	0.0123	
1998					0.0125	0.0128	0.0130	0.0132	0.0135	0.0138	0.0141	0.0144	0.0147	0.0150	0.0154	0.0157	0.0161	
1999				0.0214	0.0217	0.0221	0.0225	0.0229	0.0234	0.0239	0.0244	0.0249	0.0255	0.0261	0.0267	0.0273	0.0279	
2000			0.0192	0.0196	0.0199	0.0203	0.0206	0.0210	0.0214	0.0219	0.0223	0.0228	0.0234	0.0239	0.0244	0.0250	0.0256	
2001		0.0121	0.0123	0.0126	0.0128	0.0130	0.0133	0.0135	0.0138	0.0141	0.0144	0.0147	0.0150	0.0153	0.0157	0.0160	0.0164	
2002	0.0165	0.0168	0.0171	0.0174	0.0177	0.0181	0.0184	0.0187	0.0191	0.0195	0.0199	0.0203	0.0208	0.0213	0.0218	0.0223	0.0228	
2003	0.0282	0.0287	0.0292	0.0298	0.0303	0.0308	0.0314	0.0320	0.0326	0.0332	0.0339	0.0346	0.0354	0.0362	0.0370	0.0378	0.0387	0.0396
2004	0.0094	0.0096	0.0098	0.0099	0.0101	0.0103	0.0105	0.0107	0.0109	0.0111	0.0113	0.0116	0.0118	0.0121	0.0124	0.0126	0.0129	0.0132
2005	0.0157	0.0160	0.0163	0.0166	0.0169	0.0172	0.0176	0.0179	0.0182	0.0186	0.0189	0.0194	0.0198	0.0202	0.0207	0.0212	0.0216	0.0221
2006	0.0139	0.0142	0.0144	0.0147	0.0150	0.0152	0.0155	0.0158	0.0161	0.0164	0.0167	0.0171	0.0175	0.0179	0.0183	0.0187	0.0191	0.0196
2007	0.0247	0.0251	0.0256	0.0261	0.0266	0.0270	0.0275	0.0280	0.0285	0.0291	0.0297	0.0303	0.0310	0.0317	0.0324	0.0332	0.0339	0.0347
2008	0.0101	0.0103	0.0105	0.0106	0.0108	0.0110	0.0112	0.0114	0.0117	0.0119	0.0121	0.0124	0.0127	0.0129	0.0132	0.0135	0.0139	0.0142
2009	0.0113	0.0115	0.0117	0.0119	0.0122	0.0124	0.0126	0.0128	0.0131	0.0133	0.0136	0.0139	0.0142	0.0145	0.0148	0.0152	0.0155	0.0159
2010	0.0056	0.0057	0.0058	0.0059	0.0060	0.0062	0.0063	0.0064	0.0065	0.0066	0.0068	0.0069	0.0071	0.0072	0.0074	0.0075	0.0077	0.0079
2011	0.0122	0.0124	0.0126	0.0129	0.0131	0.0133	0.0136	0.0138	0.0141	0.0144	0.0147	0.0150	0.0153	0.0156	0.0160	0.0164	0.0167	0.0171
2012	0.0096	0.0098	0.0100	0.0102	0.0104	0.0105	0.0107	0.0109	0.0111	0.0114	0.0116	0.0118	0.0121	0.0124	0.0127	0.0129	0.0132	0.0136
2013	0.0218	0.0222	0.0227	0.0231	0.0235	0.0239	0.0244	0.0248	0.0253	0.0258	0.0263	0.0269	0.0275	0.0281	0.0287	0.0294	0.0300	0.0307
2014	0.0241	0.0245	0.0250	0.0254	0.0259	0.0264	0.0268	0.0273	0.0278	0.0284	0.0290	0.0296	0.0302	0.0309	0.0316	0.0323	0.0331	0.0339
2015	0.0158	0.0161	0.0164	0.0167	0.0170	0.0174	0.0177	0.0180	0.0183	0.0187	0.0191	0.0195	0.0199	0.0204	0.0208	0.0213	0.0218	0.0223
2016	0.0166	0.0169	0.0172	0.0175	0.0179	0.0182	0.0185	0.0188	0.0192	0.0196	0.0200	0.0204	0.0209	0.0213	0.0218	0.0223	0.0228	0.0234
2017	0.0193	0.0197	0.0200	0.0204	0.0208	0.0212	0.0215	0.0219	0.0223	0.0228	0.0232	0.0238	0.0243	0.0248	0.0254	0.0260	0.0266	0.0272
2018	0.0164	0.0167	0.0170	0.0173	0.0177	0.0180	0.0183	0.0186	0.0190	0.0194	0.0198	0.0202	0.0206	0.0211	0.0216	0.0221	0.0226	0.0231
2019	0.0165	0.0168	0.0171	0.0174	0.0177	0.0181	0.0184	0.0187	0.0191	0.0194	0.0199	0.0203	0.0207	0.0212	0.0217	0.0222	0.0227	0.0232
2020	0.0184	0.0187	0.0190	0.0194	0.0198	0.0201	0.0205	0.0209	0.0212	0.0217	0.0221	0.0226	0.0231	0.0236	0.0241	0.0247	0.0252	0.0258
2021	0.0132	0.0134	0.0137	0.0139	0.0142	0.0144	0.0147	0.0150	0.0153	0.0155	0.0159	0.0162	0.0166	0.0169	0.0173	0.0177	0.0181	0.0186

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 438:450	Maturity (months) 450:462	Maturity (months) 462:474	Maturity (months) 474:486	Maturity (months) 486:498	Maturity (months) 498:510	Maturity (months) 510:522	Maturity (months) 522:534	Maturity (months) 534:546	Maturity (months) 546:558	Maturity (months) 558:570	Maturity (months) 570:582	Maturity (months) 582:594	Maturity (months) 594:606	Maturity (months) 606:618	Maturity (months) 618:630	Maturity (months) 630:642	Maturity (months) 642:654
1989	0.0120	0.0123	0.0126	0.0130	0.0133	0.0137	0.0141	0.0145	0.0149	0.0154	0.0159	0.0164	0.0170	0.0176	0.0183	0.0190	0.0197	0.0205
1990	0.0381	0.0390	0.0400	0.0410	0.0421	0.0432	0.0444	0.0457	0.0471	0.0486	0.0502	0.0519	0.0537	0.0557	0.0578	0.0600	0.0624	0.0649
1991	0.0170	0.0174	0.0178	0.0183	0.0187	0.0193	0.0198	0.0204	0.0210	0.0217	0.0224	0.0231	0.0239	0.0248	0.0258	0.0267	0.0278	0.0289
1992	0.0153	0.0157	0.0161	0.0165	0.0169	0.0174	0.0179	0.0184	0.0190	0.0196	0.0202	0.0209	0.0216	0.0224	0.0233	0.0242	0.0251	0.0261
1993	0.0169	0.0173	0.0177	0.0182	0.0187	0.0192	0.0197	0.0203	0.0209	0.0216	0.0223	0.0230	0.0238	0.0247	0.0256	0.0266	0.0277	0.0288
1994	0.0063	0.0065	0.0066	0.0068	0.0070	0.0072	0.0074	0.0076	0.0078	0.0081	0.0084	0.0086	0.0089	0.0093	0.0096	0.0100	0.0104	0.0108
1995	0.0136	0.0140	0.0143	0.0147	0.0151	0.0155	0.0159	0.0164	0.0169	0.0174	0.0180	0.0186	0.0192	0.0199	0.0207	0.0215	0.0223	0.0232
1996	0.0279	0.0286	0.0293	0.0301	0.0309	0.0317	0.0326	0.0336	0.0346	0.0357	0.0368	0.0381	0.0394	0.0409	0.0424	0.0441	0.0458	0.0476
1997	0.0126	0.0129	0.0132	0.0135	0.0139	0.0143	0.0147	0.0151	0.0155	0.0160	0.0166	0.0171	0.0177	0.0184	0.0191	0.0198	0.0206	0.0214
1998	0.0165	0.0169	0.0173	0.0178	0.0182	0.0187	0.0192	0.0198	0.0204	0.0211	0.0217	0.0225	0.0233	0.0241	0.0250	0.0260	0.0270	0.0281
1999	0.0286	0.0293	0.0300	0.0308	0.0316	0.0325	0.0334	0.0344	0.0354	0.0365	0.0377	0.0390	0.0404	0.0419	0.0434	0.0451	0.0469	0.0488
2000	0.0262	0.0268	0.0275	0.0282	0.0290	0.0297	0.0306	0.0315	0.0324	0.0335	0.0346	0.0357	0.0370	0.0383	0.0398	0.0413	0.0429	0.0447
2001	0.0168	0.0172	0.0177	0.0181	0.0186	0.0191	0.0196	0.0202	0.0208	0.0215	0.0222	0.0229	0.0238	0.0246	0.0256	0.0265	0.0276	0.0287
2002	0.0233	0.0239	0.0245	0.0251	0.0258	0.0265	0.0272	0.0280	0.0289	0.0298	0.0308	0.0318	0.0329	0.0341	0.0354	0.0368	0.0383	0.0398
2003	0.0406	0.0416	0.0426	0.0437	0.0449	0.0461	0.0474	0.0488	0.0503	0.0518	0.0535	0.0553	0.0573	0.0594	0.0616	0.0640	0.0665	0.0692
2004	0.0136	0.0139	0.0142	0.0146	0.0150	0.0154	0.0158	0.0163	0.0168	0.0173	0.0179	0.0185	0.0192	0.0199	0.0206	0.0214	0.0222	0.0231
2005	0.0227	0.0232	0.0238	0.0244	0.0251	0.0258	0.0265	0.0273	0.0281	0.0290	0.0299	0.0309	0.0320	0.0332	0.0345	0.0358	0.0372	0.0387
2006	0.0201	0.0205	0.0211	0.0216	0.0222	0.0228	0.0234	0.0241	0.0248	0.0256	0.0264	0.0273	0.0283	0.0293	0.0305	0.0316	0.0329	0.0342
2007	0.0356	0.0365	0.0374	0.0383	0.0393	0.0404	0.0415	0.0428	0.0441	0.0454	0.0469	0.0485	0.0502	0.0521	0.0540	0.0561	0.0583	0.0607
2008	0.0145	0.0149	0.0153	0.0156	0.0161	0.0165	0.0170	0.0175	0.0180	0.0186	0.0192	0.0198	0.0205	0.0213	0.0221	0.0229	0.0238	0.0248
2009	0.0163	0.0167	0.0171	0.0175	0.0180	0.0185	0.0190	0.0196	0.0202	0.0208	0.0215	0.0222	0.0230	0.0238	0.0247	0.0257	0.0267	0.0278
2010	0.0081	0.0083	0.0085	0.0087	0.0089	0.0092	0.0094	0.0097	0.0100	0.0103	0.0107	0.0110	0.0114	0.0118	0.0123	0.0128	0.0133	0.0138
2011	0.0175	0.0180	0.0184	0.0189	0.0194	0.0199	0.0205	0.0211	0.0217	0.0224	0.0231	0.0239	0.0248	0.0257	0.0266	0.0277	0.0288	0.0299
2012	0.0139	0.0142	0.0146	0.0149	0.0153	0.0158	0.0162	0.0167	0.0172	0.0177	0.0183	0.0189	0.0196	0.0203	0.0211	0.0219	0.0228	0.0237
2013	0.0315	0.0323	0.0331	0.0339	0.0348	0.0358	0.0368	0.0378	0.0390	0.0402	0.0415	0.0429	0.0445	0.0461	0.0478	0.0497	0.0516	0.0537
2014	0.0347	0.0355	0.0364	0.0373	0.0383	0.0394	0.0405	0.0417	0.0429	0.0443	0.0457	0.0473	0.0490	0.0507	0.0527	0.0547	0.0569	0.0591
2015	0.0228	0.0234	0.0240	0.0246	0.0252	0.0259	0.0267	0.0274	0.0283	0.0292	0.0301	0.0311	0.0322	0.0334	0.0347	0.0360	0.0374	0.0389
2016	0.0239	0.0245	0.0251	0.0258	0.0264	0.0272	0.0279	0.0288	0.0296	0.0306	0.0316	0.0326	0.0338	0.0350	0.0363	0.0377	0.0392	0.0408
2017	0.0278	0.0285	0.0292	0.0300	0.0308	0.0316	0.0325	0.0335	0.0345	0.0356	0.0367	0.0380	0.0393	0.0407	0.0423	0.0439	0.0456	0.0475
2018	0.0237	0.0242	0.0248	0.0255	0.0261	0.0269	0.0276	0.0284	0.0293	0.0302	0.0312	0.0323	0.0334	0.0346	0.0359	0.0373	0.0388	0.0403
2019	0.0238	0.0244	0.0250	0.0256	0.0263	0.0270	0.0278	0.0286	0.0294	0.0304	0.0314	0.0324	0.0336	0.0348	0.0361	0.0375	0.0390	0.0405
2020	0.0265	0.0271	0.0278	0.0285	0.0293	0.0301	0.0309	0.0318	0.0328	0.0338	0.0349	0.0361	0.0374	0.0387	0.0402	0.0418	0.0434	0.0451
2021	0.0190	0.0195	0.0200	0.0205	0.0210	0.0216	0.0222	0.0228	0.0235	0.0243	0.0251	0.0259	0.0268	0.0278	0.0289	0.0300	0.0312	0.0324

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 654:666	Maturity (months) 666:678	Maturity (months) 678:690	Maturity (months) 690:702	Maturity (months) 702:714	Maturity (months) 714:726	Maturity (months) 726:738	Maturity (months) 738:750	Maturity (months) 750:762	Maturity (months) 762:774	Maturity (months) 774:786	Maturity (months) 786:798	Maturity (months) 798:810	Maturity (months) 810:822	Maturity (months) 822:834	Maturity (months) 834:846	Maturity (months) 846:858	Maturity (months) 858:870
1989	0.0214	0.0223	0.0232	0.0243	0.0254	0.0265	0.0278	0.0291	0.0306	0.0322	0.0339	0.0357	0.0376	0.0397	0.0419	0.0442	0.0467	0.0494
1990	0.0676	0.0704	0.0735	0.0767	0.0802	0.0839	0.0879	0.0921	0.0967	0.1017	0.1070	0.1128	0.1190	0.1255	0.1323	0.1396	0.1475	0.1562
1991	0.0301	0.0314	0.0327	0.0342	0.0357	0.0374	0.0391	0.0411	0.0431	0.0453	0.0477	0.0503	0.0530	0.0559	0.0590	0.0622	0.0657	0.0696
1992	0.0272	0.0283	0.0296	0.0309	0.0323	0.0338	0.0354	0.0371	0.0390	0.0410	0.0431	0.0454	0.0479	0.0505	0.0533	0.0562	0.0594	0.0629
1993	0.0300	0.0312	0.0326	0.0340	0.0356	0.0372	0.0390	0.0409	0.0429	0.0451	0.0475	0.0500	0.0528	0.0557	0.0587	0.0619	0.0654	0.0693
1994	0.0112	0.0117	0.0122	0.0128	0.0133	0.0140	0.0146	0.0153	0.0161	0.0169	0.0178	0.0188	0.0198	0.0209	0.0220	0.0232	0.0245	0.0260
1995	0.0242	0.0252	0.0263	0.0275	0.0287	0.0300	0.0315	0.0330	0.0346	0.0364	0.0383	0.0404	0.0426	0.0449	0.0474	0.0500	0.0528	0.0559
1996	0.0496	0.0517	0.0539	0.0563	0.0589	0.0616	0.0645	0.0676	0.0710	0.0747	0.0786	0.0828	0.0873	0.0921	0.0971	0.1025	0.1083	0.1147
1997	0.0223	0.0232	0.0242	0.0253	0.0264	0.0277	0.0290	0.0304	0.0319	0.0336	0.0353	0.0372	0.0393	0.0414	0.0437	0.0461	0.0487	0.0515
1998	0.0293	0.0305	0.0318	0.0332	0.0347	0.0363	0.0381	0.0399	0.0419	0.0441	0.0464	0.0489	0.0515	0.0544	0.0573	0.0605	0.0639	0.0676
1999	0.0508	0.0529	0.0552	0.0576	0.0603	0.0630	0.0660	0.0692	0.0727	0.0764	0.0804	0.0848	0.0894	0.0943	0.0994	0.1049	0.1109	0.1174
2000	0.0465	0.0485	0.0506	0.0528	0.0552	0.0577	0.0605	0.0634	0.0666	0.0700	0.0737	0.0777	0.0819	0.0864	0.0911	0.0961	0.1015	0.1075
2001	0.0299	0.0311	0.0325	0.0339	0.0355	0.0371	0.0389	0.0407	0.0428	0.0450	0.0473	0.0499	0.0526	0.0555	0.0585	0.0617	0.0652	0.0691
2002	0.0414	0.0432	0.0450	0.0470	0.0492	0.0514	0.0539	0.0565	0.0593	0.0624	0.0656	0.0692	0.0729	0.0769	0.0811	0.0856	0.0905	0.0958
2003	0.0720	0.0751	0.0783	0.0818	0.0855	0.0895	0.0937	0.0983	0.1032	0.1085	0.1142	0.1203	0.1269	0.1338	0.1411	0.1489	0.1573	0.1666
2004	0.0241	0.0251	0.0262	0.0273	0.0286	0.0299	0.0313	0.0328	0.0345	0.0363	0.0382	0.0402	0.0424	0.0447	0.0472	0.0498	0.0526	0.0557
2005	0.0403	0.0420	0.0438	0.0457	0.0478	0.0500	0.0524	0.0549	0.0577	0.0606	0.0638	0.0672	0.0709	0.0748	0.0789	0.0832	0.0879	0.0931
2006	0.0356	0.0371	0.0387	0.0404	0.0422	0.0442	0.0463	0.0485	0.0510	0.0536	0.0564	0.0594	0.0627	0.0661	0.0697	0.0736	0.0777	0.0823
2007	0.0631	0.0658	0.0687	0.0717	0.0750	0.0784	0.0821	0.0861	0.0904	0.0951	0.1001	0.1055	0.1112	0.1173	0.1237	0.1305	0.1379	0.1460
2008	0.0258	0.0269	0.0280	0.0293	0.0306	0.0320	0.0335	0.0352	0.0369	0.0388	0.0409	0.0431	0.0454	0.0479	0.0505	0.0533	0.0563	0.0596
2009	0.0289	0.0301	0.0314	0.0328	0.0343	0.0359	0.0376	0.0394	0.0414	0.0435	0.0458	0.0483	0.0509	0.0537	0.0566	0.0597	0.0631	0.0668
2010	0.0144	0.0150	0.0156	0.0163	0.0171	0.0178	0.0187	0.0196	0.0206	0.0216	0.0228	0.0240	0.0253	0.0267	0.0281	0.0297	0.0314	0.0332
2011	0.0311	0.0325	0.0339	0.0354	0.0370	0.0387	0.0405	0.0425	0.0446	0.0469	0.0494	0.0520	0.0549	0.0579	0.0610	0.0644	0.0680	0.0720
2012	0.0246	0.0257	0.0268	0.0280	0.0292	0.0306	0.0320	0.0336	0.0353	0.0371	0.0390	0.0411	0.0434	0.0458	0.0483	0.0509	0.0538	0.0570
2013	0.0559	0.0582	0.0608	0.0635	0.0663	0.0694	0.0727	0.0762	0.0800	0.0842	0.0886	0.0933	0.0984	0.1038	0.1095	0.1155	0.1221	0.1292
2014	0.0616	0.0641	0.0669	0.0699	0.0731	0.0764	0.0801	0.0840	0.0882	0.0927	0.0975	0.1028	0.1084	0.1143	0.1206	0.1272	0.1344	0.1423
2015	0.0405	0.0422	0.0441	0.0460	0.0481	0.0503	0.0527	0.0553	0.0580	0.0610	0.0642	0.0677	0.0714	0.0753	0.0794	0.0838	0.0885	0.0937
2016	0.0425	0.0443	0.0462	0.0482	0.0504	0.0527	0.0552	0.0579	0.0608	0.0639	0.0673	0.0709	0.0748	0.0789	0.0832	0.0878	0.0927	0.0982
2017	0.0494	0.0515	0.0537	0.0561	0.0587	0.0614	0.0643	0.0674	0.0708	0.0744	0.0783	0.0825	0.0870	0.0918	0.0968	0.1021	0.1079	0.1143
2018	0.0420	0.0438	0.0457	0.0477	0.0498	0.0522	0.0546	0.0573	0.0601	0.0632	0.0665	0.0701	0.0740	0.0780	0.0823	0.0868	0.0917	0.0971
2019	0.0422	0.0440	0.0459	0.0479	0.0501	0.0524	0.0549	0.0576	0.0604	0.0635	0.0669	0.0705	0.0743	0.0784	0.0827	0.0872	0.0922	0.0976
2020	0.0470	0.0490	0.0511	0.0534	0.0558	0.0583	0.0611	0.0641	0.0673	0.0707	0.0745	0.0785	0.0828	0.0873	0.0920	0.0971	0.1026	0.1086
2021	0.0337	0.0352	0.0367	0.0383	0.0400	0.0419	0.0439	0.0460	0.0483	0.0508	0.0535	0.0563	0.0594	0.0627	0.0661	0.0697	0.0737	0.0780

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 870:882	Maturity (months) 882:894	Maturity (months) 894:906	Maturity (months) 906:918	Maturity (months) 918:930	Maturity (months) 930:942	Maturity (months) 942:954	Maturity (months) 954:966	Maturity (months) 966:978	Maturity (months) 978:990	Maturity (months) 990:1002	Maturity (months) 1002:1014	Maturity (months) 1014:1026	Maturity (months) 1026:1038	Maturity (months) 1038:1050	Maturity (months) 1050:1062	Maturity (months) 1062:1074	Maturity (months) 1074:1086
1989	0.0524	0.0556	0.0592	0.0630	0.0672	0.0718	0.0766	0.0819	0.0877	0.0941	0.1010	0.1086	0.1168	0.1258	0.1356	0.1462	0.1576	0.1701
1990	0.1656	0.1759	0.1870	0.1992	0.2125	0.2268	0.2423	0.2590	0.2773	0.2974	0.3193	0.3432	0.3693	0.3976	0.4285	0.4620	0.4983	0.5376
1991	0.0738	0.0784	0.0833	0.0888	0.0947	0.1011	0.1079	0.1154	0.1236	0.1325	0.1423	0.1529	0.1645	0.1772	0.1909	0.2059	0.2220	0.2395
1992	0.0667	0.0708	0.0753	0.0802	0.0856	0.0913	0.0976	0.1043	0.1117	0.1198	0.1286	0.1382	0.1487	0.1601	0.1726	0.1860	0.2007	0.2165
1993	0.0735	0.0780	0.0830	0.0884	0.0943	0.1006	0.1075	0.1149	0.1230	0.1319	0.1417	0.1523	0.1638	0.1764	0.1901	0.2050	0.2211	0.2385
1994	0.0275	0.0293	0.0311	0.0331	0.0354	0.0377	0.0403	0.0431	0.0461	0.0495	0.0531	0.0571	0.0614	0.0662	0.0713	0.0769	0.0829	0.0894
1995	0.0593	0.0630	0.0670	0.0713	0.0761	0.0812	0.0867	0.0927	0.0993	0.1065	0.1143	0.1229	0.1322	0.1424	0.1534	0.1654	0.1784	0.1925
1996	0.1216	0.1291	0.1373	0.1463	0.1560	0.1665	0.1778	0.1901	0.2036	0.2183	0.2344	0.2520	0.2711	0.2919	0.3146	0.3392	0.3658	0.3947
1997	0.0546	0.0580	0.0617	0.0657	0.0701	0.0748	0.0799	0.0854	0.0915	0.0981	0.1053	0.1132	0.1218	0.1312	0.1414	0.1524	0.1644	0.1774
1998	0.0717	0.0762	0.0810	0.0863	0.0920	0.0982	0.1049	0.1122	0.1201	0.1288	0.1383	0.1487	0.1599	0.1722	0.1856	0.2001	0.2158	0.2329
1999	0.1244	0.1322	0.1405	0.1497	0.1597	0.1704	0.1821	0.1946	0.2084	0.2235	0.2400	0.2579	0.2775	0.2988	0.3220	0.3472	0.3745	0.4040
2000	0.1140	0.1210	0.1287	0.1371	0.1463	0.1561	0.1668	0.1783	0.1909	0.2047	0.2198	0.2362	0.2542	0.2737	0.2950	0.3180	0.3430	0.3701
2001	0.0732	0.0778	0.0827	0.0881	0.0940	0.1003	0.1071	0.1145	0.1226	0.1315	0.1412	0.1518	0.1633	0.1758	0.1895	0.2043	0.2204	0.2377
2002	0.1015	0.1078	0.1147	0.1221	0.1303	0.1391	0.1485	0.1588	0.1700	0.1823	0.1958	0.2104	0.2264	0.2438	0.2627	0.2833	0.3055	0.3296
2003	0.1766	0.1875	0.1994	0.2125	0.2266	0.2419	0.2583	0.2762	0.2957	0.3171	0.3405	0.3660	0.3938	0.4241	0.4570	0.4927	0.5314	0.5733
2004	0.0590	0.0627	0.0667	0.0710	0.0757	0.0809	0.0864	0.0923	0.0989	0.1060	0.1138	0.1223	0.1316	0.1417	0.1527	0.1647	0.1776	0.1916
2005	0.0987	0.1048	0.1115	0.1188	0.1267	0.1352	0.1444	0.1544	0.1653	0.1773	0.1903	0.2046	0.2201	0.2370	0.2554	0.2754	0.2971	0.3205
2006	0.0873	0.0927	0.0985	0.1050	0.1120	0.1195	0.1276	0.1365	0.1461	0.1567	0.1682	0.1808	0.1946	0.2095	0.2258	0.2434	0.2626	0.2833
2007	0.1548	0.1644	0.1748	0.1862	0.1986	0.2120	0.2265	0.2421	0.2593	0.2780	0.2985	0.3208	0.3452	0.3717	0.4006	0.4319	0.4659	0.5026
2008	0.0632	0.0671	0.0714	0.0760	0.0811	0.0866	0.0925	0.0989	0.1058	0.1135	0.1219	0.1310	0.1409	0.1518	0.1635	0.1763	0.1902	0.2052
2009	0.0708	0.0752	0.0800	0.0852	0.0909	0.0970	0.1036	0.1108	0.1186	0.1272	0.1366	0.1468	0.1580	0.1701	0.1833	0.1976	0.2132	0.2300
2010	0.0352	0.0374	0.0398	0.0424	0.0452	0.0482	0.0515	0.0551	0.0590	0.0632	0.0679	0.0730	0.0785	0.0846	0.0911	0.0982	0.1060	0.1143
2011	0.0763	0.0811	0.0862	0.0919	0.0980	0.1046	0.1117	0.1194	0.1279	0.1371	0.1472	0.1582	0.1703	0.1833	0.1976	0.2130	0.2298	0.2479
2012	0.0604	0.0641	0.0682	0.0727	0.0775	0.0827	0.0884	0.0945	0.1011	0.1085	0.1165	0.1252	0.1347	0.1450	0.1563	0.1685	0.1817	0.1961
2013	0.1370	0.1455	0.1547	0.1648	0.1758	0.1877	0.2004	0.2143	0.2294	0.2461	0.2642	0.2840	0.3055	0.3290	0.3545	0.3822	0.4123	0.4448
2014	0.1509	0.1602	0.1704	0.1815	0.1936	0.2067	0.2207	0.2360	0.2527	0.2710	0.2909	0.3127	0.3365	0.3623	0.3904	0.4210	0.4541	0.4899
2015	0.0993	0.1055	0.1122	0.1195	0.1275	0.1361	0.1453	0.1554	0.1664	0.1784	0.1916	0.2059	0.2215	0.2386	0.2571	0.2772	0.2990	0.3225
2016	0.1041	0.1105	0.1176	0.1252	0.1336	0.1426	0.1523	0.1628	0.1743	0.1869	0.2007	0.2158	0.2321	0.2500	0.2694	0.2904	0.3133	0.3380
2017	0.1211	0.1287	0.1368	0.1458	0.1555	0.1659	0.1772	0.1895	0.2029	0.2176	0.2336	0.2511	0.2702	0.2909	0.3135	0.3380	0.3646	0.3933
2018	0.1029	0.1093	0.1163	0.1239	0.1321	0.1410	0.1506	0.1610	0.1724	0.1849	0.1985	0.2134	0.2296	0.2472	0.2664	0.2872	0.3098	0.3342
2019	0.1035	0.1099	0.1168	0.1245	0.1327	0.1417	0.1513	0.1618	0.1732	0.1858	0.1995	0.2144	0.2307	0.2484	0.2677	0.2886	0.3113	0.3359
2020	0.1152	0.1223	0.1301	0.1386	0.1478	0.1578	0.1685	0.1801	0.1929	0.2068	0.2221	0.2387	0.2568	0.2766	0.2980	0.3213	0.3466	0.3739
2021	0.0827	0.0878	0.0934	0.0995	0.1061	0.1133	0.1210	0.1294	0.1385	0.1485	0.1595	0.1714	0.1844	0.1986	0.2140	0.2307	0.2489	0.2685

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 1086:1098	Maturity (months) 1098:1110	Maturity (months) 1110:1122	Maturity (months) 1122:1134	Maturity (months) 1134:1146	Maturity (months) 1146:1158	Maturity (months) 1158:1170	Maturity (months) 1170:1182	Maturity (months) 1182:1194	Maturity (months) 1194:1206	Maturity (months) 1206:1218	Maturity (months) 1218:1230	Maturity (months) 1230:1242	Maturity (months) 1242:1254	Maturity (months) 1254:1266	Maturity (months) 1266:1278	Maturity (months) 1278:1290	Maturity (months) 1290:1302
1989	0.1835	0.1980	0.2135	0.2301	0.2478	0.2663	0.2855	0.3054	0.3261	0.3477	0.3604	0.3604	0.3604	0.3604	0.3604	0.3604	0.3604	0.3604
1990	0.5801	0.6258	0.6749	0.7275	0.7834	0.8418	0.9025	0.9654	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1991	0.2585	0.2788	0.3007	0.3241	0.3491	0.3751	0.4021	0.4301	0.4593	0.4897	0.5076	0.5076	0.5076	0.5076	0.5076	0.5076	0.5076	0.5076
1992	0.2336	0.2520	0.2718	0.2930	0.3155	0.3390	0.3634	0.3888	0.4151	0.4426	0.4588	0.4588	0.4588	0.4588	0.4588	0.4588	0.4588	0.4588
1993	0.2573	0.2776	0.2994	0.3227	0.3475	0.3734	0.4004	0.4283	0.4572	0.4876	0.5054	0.5054	0.5054	0.5054	0.5054	0.5054	0.5054	0.5054
1994	0.0965	0.1041	0.1123	0.1210	0.1303	0.1400	0.1501	0.1606	0.1715	0.1828	0.1895	0.1895	0.1895	0.1895	0.1895	0.1895	0.1895	0.1895
1995	0.2077	0.2241	0.2416	0.2605	0.2805	0.3014	0.3231	0.3456	0.3690	0.3935	0.4079	0.4079	0.4079	0.4079	0.4079	0.4079	0.4079	0.4079
1996	0.4258	0.4594	0.4955	0.5340	0.5751	0.6180	0.6625	0.7087	0.7566	0.8068	0.8363	0.8363	0.8363	0.8363	0.8363	0.8363	0.8363	0.8363
1997	0.1914	0.2064	0.2227	0.2400	0.2584	0.2777	0.2977	0.3185	0.3400	0.3626	0.3758	0.3758	0.3758	0.3758	0.3758	0.3758	0.3758	0.3758
1998	0.2513	0.2711	0.2923	0.3151	0.3393	0.3646	0.3909	0.4182	0.4464	0.4760	0.4935	0.4935	0.4935	0.4935	0.4935	0.4935	0.4935	0.4935
1999	0.4359	0.4703	0.5072	0.5467	0.5887	0.6326	0.6782	0.7255	0.7746	0.8259	0.8561	0.8561	0.8561	0.8561	0.8561	0.8561	0.8561	0.8561
2000	0.3993	0.4308	0.4646	0.5008	0.5393	0.5794	0.6212	0.6645	0.7095	0.7565	0.7842	0.7842	0.7842	0.7842	0.7842	0.7842	0.7842	0.7842
2001	0.2565	0.2767	0.2984	0.3217	0.3464	0.3722	0.3991	0.4269	0.4558	0.4860	0.5038	0.5038	0.5038	0.5038	0.5038	0.5038	0.5038	0.5038
2002	0.3556	0.3837	0.4138	0.4460	0.4803	0.5161	0.5533	0.5919	0.6319	0.6738	0.6985	0.6985	0.6985	0.6985	0.6985	0.6985	0.6985	0.6985
2003	0.6186	0.6674	0.7198	0.7758	0.8355	0.8977	0.9624	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2004	0.2068	0.2231	0.2406	0.2593	0.2793	0.3001	0.3217	0.3441	0.3674	0.3918	0.4061	0.4061	0.4061	0.4061	0.4061	0.4061	0.4061	0.4061
2005	0.3458	0.3731	0.4023	0.4337	0.4670	0.5018	0.5380	0.5755	0.6144	0.6552	0.6791	0.6791	0.6791	0.6791	0.6791	0.6791	0.6791	0.6791
2006	0.3056	0.3297	0.3556	0.3833	0.4128	0.4435	0.4755	0.5087	0.5431	0.5791	0.6003	0.6003	0.6003	0.6003	0.6003	0.6003	0.6003	0.6003
2007	0.5423	0.5850	0.6309	0.6801	0.7324	0.7869	0.8437	0.9025	0.9635	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2008	0.2214	0.2389	0.2576	0.2777	0.2990	0.3213	0.3444	0.3685	0.3934	0.4195	0.4348	0.4348	0.4348	0.4348	0.4348	0.4348	0.4348	0.4348
2009	0.2482	0.2677	0.2887	0.3112	0.3351	0.3601	0.3861	0.4130	0.4409	0.4702	0.4874	0.4874	0.4874	0.4874	0.4874	0.4874	0.4874	0.4874
2010	0.1234	0.1331	0.1435	0.1547	0.1666	0.1790	0.1919	0.2053	0.2192	0.2337	0.2423	0.2423	0.2423	0.2423	0.2423	0.2423	0.2423	0.2423
2011	0.2674	0.2885	0.3112	0.3354	0.3612	0.3881	0.4161	0.4451	0.4752	0.5067	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252
2012	0.2116	0.2282	0.2461	0.2653	0.2857	0.3070	0.3291	0.3521	0.3759	0.4008	0.4155	0.4155	0.4155	0.4155	0.4155	0.4155	0.4155	0.4155
2013	0.4799	0.5178	0.5584	0.6019	0.6482	0.6965	0.7467	0.7987	0.8528	0.9093	0.9426	0.9426	0.9426	0.9426	0.9426	0.9426	0.9426	0.9426
2014	0.5286	0.5702	0.6150	0.6629	0.7138	0.7670	0.8223	0.8797	0.9392	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2015	0.3480	0.3754	0.4049	0.4364	0.4700	0.5050	0.5414	0.5792	0.6183	0.6593	0.6834	0.6834	0.6834	0.6834	0.6834	0.6834	0.6834	0.6834
2016	0.3646	0.3934	0.4243	0.4573	0.4925	0.5292	0.5673	0.6069	0.6479	0.6909	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161
2017	0.4244	0.4578	0.4938	0.5322	0.5731	0.6158	0.6602	0.7063	0.7541	0.8040	0.8335	0.8335	0.8335	0.8335	0.8335	0.8335	0.8335	0.8335
2018	0.3606	0.3890	0.4196	0.4523	0.4870	0.5233	0.5610	0.6001	0.6408	0.6832	0.7082	0.7082	0.7082	0.7082	0.7082	0.7082	0.7082	0.7082
2019	0.3624	0.3910	0.4216	0.4545	0.4894	0.5259	0.5638	0.6031	0.6439	0.6866	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117
2020	0.4035	0.4353	0.4694	0.5060	0.5449	0.5855	0.6277	0.6715	0.7169	0.7644	0.7924	0.7924	0.7924	0.7924	0.7924	0.7924	0.7924	0.7924
2021	0.2897	0.3125	0.3371	0.3633	0.3913	0.4204	0.4507	0.4821	0.5148	0.5489	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 1302:1314	Maturity (months) 1314:1326	Maturity (months) 1326:1338	Maturity (months) 1338:1350	Maturity (months) 1350:1362	Maturity (months) 1362:1374	Maturity (months) 1374:1386	Maturity (months) 1386:1398	Maturity (months) 1398:1410	Maturity (months) 1410:1422	Maturity (months) 1422:1434	Maturity (months) 1434:1446	Maturity (months) 1446:1458	Maturity (months) 1458:1470	Maturity (months) 1470:1482
1989	0.3604	0.3604	0.3604	0.3604	0.3604	0.3604	0.3604	0.3604	0.3604	0.3604	0.3604	0.3604	0.3640	0.3640	
1990	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
1991	0.5076	0.5076	0.5076	0.5076	0.5076	0.5076	0.5076	0.5076	0.5076	0.5076	0.5076	0.5076	0.5127	0.5127	
1992	0.4588	0.4588	0.4588	0.4588	0.4588	0.4588	0.4588	0.4588	0.4588	0.4588	0.4588	0.4588	0.4634	0.4634	
1993	0.5054	0.5054	0.5054	0.5054	0.5054	0.5054	0.5054	0.5054	0.5054	0.5054	0.5054	0.5054	0.5105	0.5105	
1994	0.1895	0.1895	0.1895	0.1895	0.1895	0.1895	0.1895	0.1895	0.1895	0.1895	0.1895	0.1895	0.1914	0.1914	
1995	0.4079	0.4079	0.4079	0.4079	0.4079	0.4079	0.4079	0.4079	0.4079	0.4079	0.4079	0.4079	0.4120	0.4120	
1996	0.8363	0.8363	0.8363	0.8363	0.8363	0.8363	0.8363	0.8363	0.8363	0.8363	0.8363	0.8363	0.8448	0.8448	
1997	0.3758	0.3758	0.3758	0.3758	0.3758	0.3758	0.3758	0.3758	0.3758	0.3758	0.3758	0.3758	0.3796	0.3796	
1998	0.4935	0.4935	0.4935	0.4935	0.4935	0.4935	0.4935	0.4935	0.4935	0.4935	0.4935	0.4935	0.4984	0.4984	
1999	0.8561	0.8561	0.8561	0.8561	0.8561	0.8561	0.8561	0.8561	0.8561	0.8561	0.8561	0.8561	0.8648	0.8648	
2000	0.7842	0.7842	0.7842	0.7842	0.7842	0.7842	0.7842	0.7842	0.7842	0.7842	0.7842	0.7842	0.7921	0.7921	
2001	0.5038	0.5038	0.5038	0.5038	0.5038	0.5038	0.5038	0.5038	0.5038	0.5038	0.5038	0.5038	0.5088	0.5088	
2002	0.6985	0.6985	0.6985	0.6985	0.6985	0.6985	0.6985	0.6985	0.6985	0.6985	0.6985	0.6985	0.7055	0.7055	
2003	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
2004	0.4061	0.4061	0.4061	0.4061	0.4061	0.4061	0.4061	0.4061	0.4061	0.4061	0.4061	0.4061	0.4102	0.4102	
2005	0.6791	0.6791	0.6791	0.6791	0.6791	0.6791	0.6791	0.6791	0.6791	0.6791	0.6791	0.6791	0.6860	0.6860	
2006	0.6003	0.6003	0.6003	0.6003	0.6003	0.6003	0.6003	0.6003	0.6003	0.6003	0.6003	0.6003	0.6063	0.6063	
2007	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
2008	0.4348	0.4348	0.4348	0.4348	0.4348	0.4348	0.4348	0.4348	0.4348	0.4348	0.4348	0.4348	0.4392	0.4392	
2009	0.4874	0.4874	0.4874	0.4874	0.4874	0.4874	0.4874	0.4874	0.4874	0.4874	0.4874	0.4874	0.4923	0.4923	
2010	0.2423	0.2423	0.2423	0.2423	0.2423	0.2423	0.2423	0.2423	0.2423	0.2423	0.2423	0.2423	0.2447	0.2447	
2011	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5305	0.5305	
2012	0.4155	0.4155	0.4155	0.4155	0.4155	0.4155	0.4155	0.4155	0.4155	0.4155	0.4155	0.4155	0.4197	0.4197	
2013	0.9426	0.9426	0.9426	0.9426	0.9426	0.9426	0.9426	0.9426	0.9426	0.9426	0.9426	0.9426	0.9521	0.9521	
2014	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
2015	0.6834	0.6834	0.6834	0.6834	0.6834	0.6834	0.6834	0.6834	0.6834	0.6834	0.6834	0.6834	0.6904	0.6904	
2016	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7234	0.7234	
2017	0.8335	0.8335	0.8335	0.8335	0.8335	0.8335	0.8335	0.8335	0.8335	0.8335	0.8335	0.8335	0.8419	0.8419	
2018	0.7082	0.7082	0.7082	0.7082	0.7082	0.7082	0.7082	0.7082	0.7082	0.7082	0.7082	0.7082	0.7154	0.7154	
2019	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7117	0.7189	0.7189	
2020	0.7924	0.7924	0.7924	0.7924	0.7924	0.7924	0.7924	0.7924	0.7924	0.7924	0.7924	0.7924	0.8004	0.8004	
2021	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5690	0.5747	1.0000	

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a,2b, 3a, and 3b.

[illegible]

Latest 3		45,111	121,945	72,565	91,903	71,875	97,053	88,310	76,294	52,974
Latest 5		96,264	116,843	79,242	106,019	70,671	81,691	75,840	87,939	60,117
Latest 10	2,368	74,002	117,341	94,196	94,618	69,140	89,374	82,286	80,610	67,395
1993 & Subs.	1,614	105,862	126,260	102,176	96,461	79,469	90,337	84,769	76,656	69,525
All	1,076	106,208	122,073	109,147	96,730	79,638	84,580	78,106	69,909	64,924
Cumulative	87,847	87,921	87,559	85,917	84,198	83,183	83,492	83,390	83,884	85,255

Note (a): Ratio of 2021 level incremental payments (shown in Appendix E, Exhibit IV, Sheets 3a, 3b, 3c, and 3d) and accepted reported claim counts (AAA only as shown in Appendix E, Exhibit IV, Sheets 2a, 2b, 2c, and 2d).

Development of Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2021 Cost Level (a)

Year of Birth	126	138	150	162	174	186	198	210	222	234
1989	62,689	65,699	294,941	67,407	97,397	96,953	100,296	99,175	89,164	73,388
1990	14,963	12,595	20,353	34,239	47,865	57,557	58,382	79,735	32,215	32,393
1991	36,834	35,097	44,733	40,184	37,703	45,317	45,295	132,712	137,952	150,661
1992	27,099	30,029	43,938	42,690	33,614	41,365	44,194	52,841	62,917	82,213
1993	98,797	78,121	87,536	103,360	94,247	85,492	100,241	92,254	96,983	104,049
1994	19,877	93,882	145,781	23,944	22,559	51,393	39,794	44,793	38,329	40,895
1995	65,272	183,138	62,188	116,166	13,679	100,433	277,083	69,804	91,795	127,438
1996	70,574	57,712	73,337	55,988	81,548	74,987	75,066	55,575	78,418	57,532
1997	38,691	65,934	63,725	95,642	66,416	69,913	118,591	78,859	68,599	70,496
1998	61,434	84,809	78,070	101,334	89,415	96,880	116,940	108,209	108,723	116,006
1999	108,744	104,520	122,252	120,094	92,963	139,640	166,685	114,093	131,706	113,713
2000	45,034	62,188	48,288	52,689	68,160	63,391	56,358	65,820	62,826	72,765
2001	90,813	78,094	106,928	117,286	131,189	126,893	115,008	111,509	127,787	113,219
2002	63,235	77,697	99,101	77,037	78,421	83,542	81,510	78,238	86,603	102,520
2003	100,519	102,834	164,229	125,445	127,595	121,207	110,752	92,620	128,876	
2004	69,568	79,311	56,858	60,591	66,626	70,521	85,997	73,651		
2005	65,238	68,830	66,739	84,558	65,340	104,055	114,465			
2006	69,792	82,081	79,729	74,899	90,630	88,963				
2007	137,108	118,896	123,332	144,615	124,978					
2008	84,200	61,972	73,889	85,791						
2009	67,499	71,908	97,784							
2010	35,543	58,348								
2011	60,405									
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
Averages:										
Latest 3	58,270	65,357	96,391	98,340	93,387	89,603	104,233	79,200	101,181	97,703
Latest 5	77,422	78,489	87,878	90,632	92,381	90,036	96,349	81,278	98,778	104,937
Latest 10	73,171	78,436	89,376	90,745	89,695	92,303	102,245	84,716	90,638	94,485
1993 & Subs.	71,375	82,367	88,091	90,411	81,567	89,301	109,402	83,426	91,343	94,485
All	65,113	73,911	88,786	81,681	75,103	82,422	97,946	82,978	87,973	91,823
Cumulative	87,340	89,727	91,485	91,806	93,064	95,392	97,142	97,031	99,056	100,792
Selected	72,273	80,401	88,733	90,578	85,631	90,802	105,824	84,071	90,991	94,485

Note (a): Ratio of 2021 level incremental payments (shown in Appendix E, Exhibit IV, Sheets 3a, 3b, 3c, and 3d) and accepted reported claim counts (AAA only as shown in Appendix E, Exhibit IV, Sheets 2a, 2b, 2c, and 2d).

Development of Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2021 Cost Level (a)

Year of Birth	246	258	270	282	294	306	318	330	342	354
1989	51,345	54,087	78,052	86,105	96,710	122,193	129,864	119,935	119,888	94,095
1990	28,783	39,252	34,543	41,026	74,030	91,654	68,687	65,631	78,482	74,238
1991	123,425	105,212	249,838	132,611	141,789	128,400	132,634	156,452	132,388	133,932
1992	68,971	73,810	108,322	95,705	97,803	99,599	108,812	90,115	97,107	100,854
1993	112,154	139,001	118,326	116,730	106,252	110,280	118,088	140,727	129,490	
1994	75,829	59,785	61,171	61,865	73,573	60,128	82,262	80,618		
1995	143,609	127,538	149,076	109,725	107,067	139,465	125,760			
1996	69,420	76,004	80,386	78,504	81,079	102,885				
1997	75,122	71,423	66,750	94,927	97,088					
1998	125,582	112,867	120,775	131,914						
1999	128,365	96,772	148,789							
2000	85,801	115,936								
2001	132,392									
2002										
2003										
2004										
2005										
2006										
2007										
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
Averages:										
Latest 3	114,351	110,568	104,950	107,260	94,658	103,677	113,768	108,935	116,163	104,133
Latest 5	108,008	93,776	107,169	102,282	94,930	104,181	114,832	111,163	112,658	
Latest 10	99,937	98,050	110,327	99,966						
1993 & Subs.	105,196	101,998	105,064	105,034						
All	94,155	91,550	107,919	99,966	97,545	107,575	113,122	112,534	112,658	102,126
Cumulative	102,375	103,792	106,140	105,740	107,319	110,181	111,018	110,240	109,161	106,712
Selected	102,566	100,024	107,696	102,000	103,530	105,083	106,659	108,259	109,883	111,531

Note (a): Ratio of 2021 level incremental payments (shown in Appendix E, Exhibit IV, Sheets 3a, 3b, 3c, and 3d) and accepted reported claim counts (AAA only as shown in Appendix E, Exhibit IV, Sheets 2a, 2b, 2c, and 2d).

Development of Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2021 Cost Level (a)

Year of Birth	366	378	390
-----	-----	-----	-----
1989	92,905	138,685	121,682
1990	71,772	79,141	
1991	155,130		
1992			
1993			
1994			
1995			
1996			
1997			
1998			
1999			
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007			
2008			
2009			
2010			
2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018			
2019			
2020			
2021			
Averages:			
Latest 3	109,769		
Latest 5			
Latest 10			
1993 & Subs.			
All	109,769	108,913	121,682
Cumulative	111,299	113,169	121,682
Selected	113,204	114,902	116,626

Note (a): Ratio of 2021 level incremental payments (shown in Appendix E, Exhibit IV, Sheets 3a, 3b, 3c, and 3d) and accepted reported claim counts (AAA only as shown in Appendix E, Exhibit IV, Sheets 2a, 2b, 2c, and 2d).

Accepted Reported Claim Counts - (Open Accepted Claims AAA Only)

Year of Birth	6	18	30	42	54	66	78	90	102	114
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1989				8	8	9	8	8	8	8
1990			5	7	7	7	7	7	7	7
1991		1	1	3	4	4	4	4	4	4
1992	1	2	7	12	13	13	12	12	12	11
1993	-	2	9	11	11	11	11	11	11	11
1994	-	2	3	6	6	7	7	5	5	4
1995	-	-	5	6	6	6	6	5	5	5
1996	-	2	4	5	5	6	6	6	6	6
1997	-	2	8	8	7	8	9	9	9	9
1998	-	6	7	10	12	11	12	12	12	12
1999	-	3	3	5	7	8	8	7	7	7
2000	1	3	5	5	5	5	5	5	5	5
2001	-	-	2	2	3	4	4	4	4	4
2002	-	4	6	11	12	14	15	15	15	15
2003	-	-	-	2	3	3	3	3	3	3
2004	-	-	2	3	4	5	5	5	5	5
2005	-	1	5	8	10	10	10	9	9	8
2006	-	2	2	8	9	10	10	10	10	10
2007	-	-	4	7	8	8	8	8	8	8
2008	-	2	6	8	9	9	10	10	10	10
2009	-	4	6	9	9	10	10	10	10	10
2010	-	2	3	6	6	6	5	5	5	5
2011	-	2	7	10	11	10	10	10	10	10
2012	-	2	4	7	7	7	7	7	7	7
2013	1	3	6	7	7	7	7	7	7	
2014	-	6	8	10	10	9	9	9		
2015	-	2	6	10	12	15	15			
2016	-	-	3	5	5	5				
2017	-	1	7	12	13					
2018	-	5	12	15						
2019	-	5	10							
2020	-	4								
2021	-									
Totals:										
Latest 3	-	14	29	32	30	29	31	23	24	22
Latest 5	-	15	38	52	47	43	48	38	39	42
Latest 10	1	30	66	91	89	86	91	85	81	76
1993 & Subs.	2	65	143	196	197	194	192	172	163	154
All	3	68	156	226	229	227	223	203	194	184
Cumulative	3,507	3,504	3,436	3,280	3,054	2,825	2,598	2,375	2,172	1,978

Accepted Reported Claim Counts - (Open Accepted Claims AAA Only)

Year of Birth	126	138	150	162	174	186	198	210	222	234
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1989	8	7	6	6	5	5	5	5	5	5
1990	7	7	7	7	7	7	6	4	4	4
1991	4	4	4	4	4	4	4	4	4	4
1992	11	11	11	11	11	10	10	10	9	9
1993	11	11	11	11	10	9	8	8	8	8
1994	4	4	4	4	4	4	4	4	4	4
1995	5	5	5	5	5	5	5	5	5	5
1996	6	6	6	6	6	6	6	6	6	6
1997	9	9	9	9	9	9	9	8	8	8
1998	12	12	12	12	12	12	12	12	12	12
1999	7	7	7	6	6	5	4	4	4	3
2000	5	5	5	5	5	5	5	5	5	5
2001	4	4	4	4	4	4	4	4	4	4
2002	15	15	14	14	14	13	13	13	13	13
2003	3	3	3	3	3	3	3	3	3	
2004	5	5	5	5	5	5	5	5		
2005	7	7	7	7	7	7	7			
2006	10	9	9	9	9	9				
2007	7	7	7	7	7					
2008	9	9	9	9						
2009	10	10	10							
2010	5	5								
2011	10									
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
Totals:										
Latest 3	25	24	26	25	23	21	15	21	20	22
Latest 5	41	40	42	37	31	37	32	30	29	37
Latest 10	81	74	73	69	72	72	68	65	64	68
1993 & Subs.	144	133	127	116	106	96	85	77	72	68
All	174	162	155	144	133	122	110	100	94	90
Cumulative	1,794	1,620	1,458	1,303	1,159	1,026	904	794	694	600

Accepted Reported Claim Counts - (Open Accepted Claims AAA Only)

Year of Birth	246	258	270	282	294	306	318	330	342	354
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1989	5	5	5	5	5	5	5	5	4	4
1990	4	4	4	4	4	3	3	3	3	3
1991	4	4	4	4	4	4	4	4	4	4
1992	9	9	9	9	9	9	9	9	9	9
1993	8	8	8	8	8	8	8	8	8	
1994	4	4	4	4	4	4	3	3		
1995	5	5	5	5	5	5	5			
1996	6	6	6	6	6	6				
1997	8	8	8	8	8					
1998	11	11	11	11						
1999	3	3	3							
2000	4	3								
2001	4									
2002										
2003										
2004										
2005										
2006										
2007										
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
Totals:										
Latest 3	11	17	22	25	19	15	16	20	21	16
Latest 5	30	31	33	34	31	32	29	27	28	
Latest 10	62	61	62	64						
1993 & Subs.	53	48	45	42						
All	75	70	67	64	53	44	37	32	28	20
Cumulative	510	435	365	298	234	181	137	100	68	40

Accepted Reported Claim Counts - (Open Accepted Claims AAA Only)

Year of Birth	366	378	390
-----	-----	-----	-----
1989	4	3	3
1990	3	3	
1991	4		
1992			
1993			
1994			
1995			
1996			
1997			
1998			
1999			
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007			
2008			
2009			
2010			
2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018			
2019			
2020			
2021			
Totals:			
Latest 3	11		
Latest 5			
Latest 10			
1993 & Subs.			
All	11	6	3
Cumulative	20	9	3

Incremental Payments - 2021 Level (a)

Year of Birth	6	18	30	42	54	66	78	90	102	114
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1989				2,310,343	1,373,262	1,280,570	635,310	616,465	517,503	760,084
1990			596,238	866,773	37,396	450,802	301,651	169,787	147,444	122,971
1991		319,592	14,287	190,845	526,858	417,818	140,937	128,898	56,124	65,406
1992	0	21,484	377,728	1,272,880	1,210,724	511,642	438,593	360,026	346,353	290,541
1993	0	12,478	515,910	1,083,959	867,673	1,173,356	1,369,691	972,906	936,793	1,137,615
1994	0	287,258	1,205,882	477,177	536,460	1,058,721	390,993	424,191	363,424	204,517
1995	0	5,709	327,285	744,225	570,178	94,158	265,103	102,537	181,465	222,389
1996	0	153,683	830,986	356,844	657,869	600,806	857,299	470,868	354,630	419,460
1997	0	21,716	965,911	438,759	328,660	874,649	675,634	523,905	331,055	445,375
1998	0	274,213	893,457	1,267,956	856,295	638,495	591,357	1,772,607	738,410	888,231
1999	0	870,397	621,096	480,848	892,541	588,556	556,642	488,308	1,304,982	752,839
2000	0	765,990	411,781	759,229	645,234	264,081	257,952	190,468	200,048	195,762
2001	0	308,228	396,283	1,064,816	415,061	537,026	1,148,896	462,965	340,122	290,493
2002	0	299,664	777,768	1,016,487	914,592	879,447	1,118,287	1,488,472	995,729	1,028,192
2003	0	282,645	347,141	160,529	152,778	568,447	506,913	165,802	218,895	307,087
2004	0	161,094	478,853	727,092	555,278	538,287	292,615	522,987	298,644	231,110
2005	0	4,340	257,740	909,104	942,637	768,939	1,180,407	841,200	506,640	509,175
2006	0	34,484	528,521	358,144	1,107,203	885,948	1,939,127	826,022	664,355	627,837
2007	0	142,774	716,105	977,587	1,139,361	952,523	1,072,980	946,299	976,131	921,937
2008	0	143,931	423,717	631,858	725,864	372,151	429,863	688,552	653,988	742,774
2009	0	514,519	612,282	1,028,631	909,045	523,099	595,634	810,282	1,407,642	616,711
2010	0	377,883	774,414	436,572	451,620	223,546	174,249	252,002	190,930	179,634
2011	860	97,646	308,059	975,844	692,983	835,894	637,546	598,802	615,878	522,531
2012	61	52,399	389,257	806,046	658,654	367,607	274,952	448,528	412,365	463,258
2013	0	335,126	708,086	1,204,125	721,430	586,876	697,223	663,304	802,817	
2014	0	287,158	1,124,636	780,820	1,504,354	1,025,106	771,903	919,287		
2015	0	3,752	757,194	1,017,691	1,311,840	862,159	1,539,529			
2016	882	387,592	146,415	103,535	245,684	197,095				
2017	0	424,816	294,090	590,684	1,199,562					
2018	1,426	208,905	1,698,392	1,627,870						
2019	0	400,276	1,543,937							
2020	0	22,378								
2021	0									

Totals:										
Latest 3	0	631,559	3,536,419	2,322,088	2,757,086	2,084,361	3,008,656	2,031,119	1,831,060	1,165,422
Latest 5	1,426	1,443,967	4,440,028	4,120,599	4,982,870	3,038,844	3,921,153	2,881,923	3,429,632	2,524,907
Latest 10	2,368	2,220,048	7,744,480	8,571,816	8,421,035	5,946,057	8,133,006	6,994,278	6,529,391	5,122,053
1993 & Subs.	3,228	6,881,053	18,055,196	20,026,430	19,002,854	15,416,972	17,344,795	14,580,294	12,494,945	10,706,925
All	3,228	7,222,130	19,043,450	24,667,270	22,151,095	18,077,803	18,861,286	15,855,471	13,562,368	11,945,928
Cumulative	308,078,113	308,074,885	300,852,755	281,809,305	257,142,034	234,990,940	216,913,136	198,051,850	182,196,379	168,634,011

Notes: (a) The product of actual incremental payments (shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d) and adjustment factors to 2021 level (shown in Appendix E, Exhibit IV, Sheets 4a, 4b, 4c, and 4d).

Incremental Payments - 2021 Level (a)

Year of Birth	126	138	150	162	174	186	198	210	222	234
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1989	501,513	459,896	1,769,645	404,440	486,985	484,765	501,478	495,875	445,819	366,940
1990	104,739	88,162	142,469	239,672	335,052	402,897	350,295	318,939	128,860	129,570
1991	147,335	140,388	178,933	160,736	150,813	181,268	181,182	530,848	551,807	602,645
1992	298,090	330,315	483,322	469,586	369,749	413,645	441,935	528,410	566,250	739,920
1993	1,086,772	859,334	962,897	1,136,961	942,474	769,427	801,932	738,034	775,862	832,390
1994	79,510	375,529	583,122	95,775	90,238	205,571	159,177	179,173	153,317	163,580
1995	326,362	915,688	310,938	580,829	68,397	502,165	1,385,414	349,019	458,975	637,190
1996	423,445	346,270	440,022	335,925	489,287	449,922	450,394	333,451	470,506	345,193
1997	348,217	593,403	573,522	860,778	597,742	629,221	1,067,322	630,874	548,796	563,967
1998	737,203	1,017,705	936,836	1,216,004	1,072,981	1,162,563	1,403,274	1,298,510	1,304,676	1,392,067
1999	761,205	731,638	855,762	720,567	557,777	698,199	666,742	456,372	526,824	341,140
2000	225,169	310,942	241,439	263,443	340,799	316,957	281,792	329,101	314,132	363,827
2001	363,253	312,377	427,713	469,142	524,756	507,571	460,031	446,037	511,148	452,876
2002	948,532	1,165,456	1,387,413	1,078,512	1,097,894	1,086,044	1,059,636	1,017,094	1,125,836	1,332,764
2003	301,556	308,501	492,687	376,335	382,784	363,620	332,257	277,860	386,628	
2004	347,841	396,556	284,288	302,956	333,129	352,604	429,986	368,253		
2005	456,664	481,807	467,174	591,909	457,383	728,388	801,254			
2006	697,921	738,731	717,558	674,087	815,666	800,666				
2007	959,759	832,272	863,324	1,012,306	874,846					
2008	757,800	557,745	664,997	772,116						
2009	674,987	719,078	977,844							
2010	177,713	291,742								
2011	604,051									
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
Totals:										
Latest 3	1,456,751	1,568,565	2,506,165	2,458,509	2,147,895	1,881,657	1,563,497	1,663,207	2,023,612	2,149,468
Latest 5	3,174,310	3,139,568	3,690,896	3,353,375	2,863,808	3,331,321	3,083,164	2,438,345	2,864,569	3,882,674
Latest 10	5,926,824	5,804,266	6,524,436	6,261,374	6,458,015	6,645,833	6,952,688	5,506,570	5,800,838	6,424,994
1993 & Subs.	10,277,959	10,954,775	11,187,535	10,487,646	8,646,153	8,572,919	9,299,211	6,423,777	6,576,701	6,424,994
All	11,329,637	11,973,536	13,761,904	11,762,081	9,988,753	10,055,494	10,774,100	8,297,849	8,269,437	8,264,070
Cumulative	156,688,083	145,358,447	133,384,910	119,623,006	107,860,926	97,872,173	87,816,679	77,042,579	68,744,730	60,475,293

Notes: (a) The product of actual incremental payments (shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d) and adjustment factors to 2021 level (shown in Appendix E, Exhibit IV, Sheets 4a, 4b, 4c, and 4d).

Incremental Payments - 2021 Level (a)

Year of Birth	246	258	270	282	294	306	318	330	342	354
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1989	256,723	270,434	390,262	430,524	483,551	610,967	649,322	599,674	479,554	376,380
1990	115,130	157,007	138,171	164,104	296,119	274,963	206,061	196,894	235,446	222,714
1991	493,698	420,847	999,353	530,443	567,157	513,601	530,534	625,808	529,552	535,728
1992	620,739	664,288	974,900	861,344	880,228	896,389	979,307	811,031	873,959	907,689
1993	897,234	1,112,007	946,604	933,840	850,018	882,242	944,702	1,125,818	1,035,920	
1994	303,315	239,141	244,684	247,460	294,293	240,512	246,785	241,853		
1995	718,047	637,689	745,378	548,625	535,334	697,327	628,798			
1996	416,517	456,025	482,316	471,025	486,472	617,310				
1997	600,980	571,385	534,002	759,418	776,704					
1998	1,381,406	1,241,534	1,328,522	1,451,054						
1999	385,095	290,315	446,368							
2000	343,203	347,807								
2001	529,568									
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2021										
Totals:										
Latest 3	1,257,866	1,879,656	2,308,892	2,681,497	1,798,510	1,555,148	1,820,285	2,178,702	2,439,431	1,666,131
Latest 5	3,240,252	2,907,067	3,536,585	3,477,582	2,942,821	3,333,780	3,330,126	3,001,403	3,154,431	
Latest 10	6,196,104	5,981,038	6,840,297	6,397,838						
1993 & Subs.	5,575,365	4,895,903	4,727,874	4,411,423						
All	7,061,656	6,408,478	7,230,559	6,397,838	5,169,876	4,733,311	4,185,509	3,601,077	3,154,431	2,042,511
Cumulative	52,211,223	45,149,567	38,741,089	31,510,530	25,112,692	19,942,816	15,209,505	11,023,996	7,422,919	4,268,488

Notes: (a) The product of actual incremental payments (shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d) and adjustment factors to 2021 level (shown in Appendix E, Exhibit IV, Sheets 4a, 4b, 4c, and 4d).

Incremental Payments - 2021 Level (a)

Year of Birth	366	378	390
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1989	371,618	416,054	365,047
1990	215,315	237,422	
1991	620,521		
1992			
1993			
1994			
1995			
1996			
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1998			
1999			
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2021			
Totals:			
Latest 3	1,207,454		
Latest 5			
Latest 10			
1993 & Subs.			
All	1,207,454	653,477	365,047
Cumulative	2,225,977	1,018,523	365,047

Notes: (a) The product of actual incremental payments (shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d) and adjustment factors to 2021 level (shown in Appendix E, Exhibit IV, Sheets 4a, 4b, 4c, and 4d).

Adjustment Factors to 2021 Level (a)

Year of Birth	6	18	30	42	54	66	78	90	102	114
1989	1.538	1.512	1.488	1.466	1.444	1.423	1.407	1.393	1.379	1.366
1990	1.512	1.488	1.466	1.444	1.423	1.407	1.393	1.379	1.366	1.353
1991	1.488	1.466	1.444	1.423	1.407	1.393	1.379	1.366	1.353	1.340
1992	1.466	1.444	1.423	1.407	1.393	1.379	1.366	1.353	1.340	1.327
1993	1.444	1.423	1.407	1.393	1.379	1.366	1.353	1.340	1.327	1.312
1994	1.423	1.407	1.393	1.379	1.366	1.353	1.340	1.327	1.312	1.298
1995	1.407	1.393	1.379	1.366	1.353	1.340	1.327	1.312	1.298	1.282
1996	1.393	1.379	1.366	1.353	1.340	1.327	1.312	1.298	1.282	1.265
1997	1.379	1.366	1.353	1.340	1.327	1.312	1.298	1.282	1.265	1.250
1998	1.366	1.353	1.340	1.327	1.312	1.298	1.282	1.265	1.250	1.235
1999	1.353	1.340	1.327	1.312	1.298	1.282	1.265	1.250	1.235	1.223
2000	1.340	1.327	1.312	1.298	1.282	1.265	1.250	1.235	1.223	1.077
2001	1.327	1.312	1.298	1.282	1.265	1.250	1.235	1.223	1.077	1.068
2002	1.312	1.298	1.282	1.265	1.250	1.235	1.223	1.077	1.068	1.058
2003	1.298	1.282	1.265	1.250	1.235	1.223	1.077	1.068	1.058	1.049
2004	1.282	1.265	1.250	1.235	1.223	1.077	1.068	1.058	1.049	1.042
2005	1.265	1.250	1.235	1.223	1.077	1.068	1.058	1.049	1.042	1.036
2006	1.250	1.235	1.223	1.077	1.068	1.058	1.049	1.042	1.036	1.031
2007	1.235	1.223	1.077	1.068	1.058	1.049	1.042	1.036	1.031	1.026
2008	1.223	1.077	1.068	1.058	1.049	1.042	1.036	1.031	1.026	1.019
2009	1.077	1.068	1.058	1.049	1.042	1.036	1.031	1.026	1.019	1.014
2010	1.068	1.058	1.049	1.042	1.036	1.031	1.026	1.019	1.014	1.008
2011	1.058	1.049	1.042	1.036	1.031	1.026	1.019	1.014	1.008	1.004
2012	1.049	1.042	1.036	1.031	1.026	1.019	1.014	1.008	1.004	1.000
2013	1.042	1.036	1.031	1.026	1.019	1.014	1.008	1.004	1.000	
2014	1.036	1.031	1.026	1.019	1.014	1.008	1.004	1.000		
2015	1.031	1.026	1.019	1.014	1.008	1.004	1.000			
2016	1.026	1.019	1.014	1.008	1.004	1.000				
2017	1.019	1.014	1.008	1.004	1.000					
2018	1.014	1.008	1.004	1.000						
2019	1.008	1.004	1.000							
2020	1.004	1.000								
2021	1.000									

Notes: (a) See Appendix E, Exhibit II, Sheet 3, Column (3).

Adjustment Factors to 2021 Level (a)

Year of Birth	126	138	150	162	174	186	198	210	222	234
1989	1.353	1.340	1.327	1.312	1.298	1.282	1.265	1.250	1.235	1.223
1990	1.340	1.327	1.312	1.298	1.282	1.265	1.250	1.235	1.223	1.077
1991	1.327	1.312	1.298	1.282	1.265	1.250	1.235	1.223	1.077	1.068
1992	1.312	1.298	1.282	1.265	1.250	1.235	1.223	1.077	1.068	1.058
1993	1.298	1.282	1.265	1.250	1.235	1.223	1.077	1.068	1.058	1.049
1994	1.282	1.265	1.250	1.235	1.223	1.077	1.068	1.058	1.049	1.042
1995	1.265	1.250	1.235	1.223	1.077	1.068	1.058	1.049	1.042	1.036
1996	1.250	1.235	1.223	1.077	1.068	1.058	1.049	1.042	1.036	1.031
1997	1.235	1.223	1.077	1.068	1.058	1.049	1.042	1.036	1.031	1.026
1998	1.223	1.077	1.068	1.058	1.049	1.042	1.036	1.031	1.026	1.019
1999	1.077	1.068	1.058	1.049	1.042	1.036	1.031	1.026	1.019	1.014
2000	1.068	1.058	1.049	1.042	1.036	1.031	1.026	1.019	1.014	1.008
2001	1.058	1.049	1.042	1.036	1.031	1.026	1.019	1.014	1.008	1.004
2002	1.049	1.042	1.036	1.031	1.026	1.019	1.014	1.008	1.004	1.000
2003	1.042	1.036	1.031	1.026	1.019	1.014	1.008	1.004	1.000	
2004	1.036	1.031	1.026	1.019	1.014	1.008	1.004	1.000		
2005	1.031	1.026	1.019	1.014	1.008	1.004	1.000			
2006	1.026	1.019	1.014	1.008	1.004	1.000				
2007	1.019	1.014	1.008	1.004	1.000					
2008	1.014	1.008	1.004	1.000						
2009	1.008	1.004	1.000							
2010	1.004	1.000								
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Notes: (a) See Appendix E, Exhibit II, Sheet 3, Column (3).

Adjustment Factors to 2021 Level (a)

Year of Birth	246	258	270	282	294	306	318	330	342	354
1989	1.077	1.068	1.058	1.049	1.042	1.036	1.031	1.026	1.019	1.014
1990	1.068	1.058	1.049	1.042	1.036	1.031	1.026	1.019	1.014	1.008
1991	1.058	1.049	1.042	1.036	1.031	1.026	1.019	1.014	1.008	1.004
1992	1.049	1.042	1.036	1.031	1.026	1.019	1.014	1.008	1.004	1.000
1993	1.042	1.036	1.031	1.026	1.019	1.014	1.008	1.004	1.000	
1994	1.036	1.031	1.026	1.019	1.014	1.008	1.004	1.000		
1995	1.031	1.026	1.019	1.014	1.008	1.004	1.000			
1996	1.026	1.019	1.014	1.008	1.004	1.000				
1997	1.019	1.014	1.008	1.004	1.000					
1998	1.014	1.008	1.004	1.000						
1999	1.008	1.004	1.000							
2000	1.004	1.000								
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Notes: (a) See Appendix E, Exhibit II, Sheet 3, Column (3).

Adjustment Factors to 2021 Level (a)

Year of Birth	366	378	390
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1989	1.008	1.004	1.000
1990	1.004	1.000	
1991	1.000		
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Notes: (a) See Appendix E, Exhibit II, Sheet 3, Column (3).

Actual Incremental Payments (a)

Year of Birth	6	18	30	42	54	66	78	90	102	114
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1989				1,575,683	950,993	899,739	451,505	442,693	375,340	556,331
1990			406,642	600,246	26,275	320,378	216,620	123,145	107,919	90,857
1991		217,966	9,894	134,089	374,430	300,041	102,220	94,345	41,467	48,794
1992	0	14,878	265,395	904,616	869,439	371,089	321,021	266,004	258,387	218,942
1993	0	8,767	366,649	778,407	629,315	858,818	1,011,991	725,810	705,936	866,971
1994	0	204,150	865,962	346,092	392,653	782,232	291,690	319,656	276,964	157,578
1995	0	4,100	237,377	544,723	421,274	70,244	199,773	78,143	139,817	173,405
1996	0	111,465	608,226	263,653	490,785	452,747	653,343	362,799	276,519	331,686
1997	0	15,895	713,660	327,324	247,667	666,566	520,569	408,509	261,780	356,393
1998	0	202,601	666,539	955,489	652,578	491,954	461,104	1,401,680	590,883	718,976
1999	0	649,336	468,037	366,452	687,694	458,920	440,162	390,749	1,056,314	615,660
2000	0	577,224	313,816	584,978	503,114	208,821	206,416	154,174	163,596	181,800
2001	0	234,899	305,332	830,278	328,207	429,733	929,971	378,606	315,863	272,094
2002	0	230,888	606,456	803,782	731,865	711,866	914,518	1,382,309	932,663	971,639
2003	0	220,389	274,500	128,457	123,666	464,867	470,758	155,300	206,855	292,775
2004	0	127,384	383,183	588,543	454,098	499,894	274,082	494,221	284,726	221,823
2005	0	3,473	208,627	743,451	875,405	720,236	1,115,481	801,996	486,282	491,451
2006	0	27,913	432,216	332,600	1,037,076	837,219	1,848,754	792,830	641,230	608,858
2007	0	116,758	665,030	915,670	1,076,693	908,131	1,029,864	913,360	946,623	898,359
2008	0	133,665	396,880	597,104	692,035	357,197	414,900	667,738	637,262	729,278
2009	0	481,931	578,604	980,691	872,516	504,891	577,629	789,559	1,382,067	608,412
2010	0	357,099	738,322	419,029	435,900	216,788	169,792	247,423	188,361	178,145
2011	813	93,095	295,681	941,877	672,034	814,516	625,962	590,744	610,773	520,532
2012	58	50,293	375,708	781,679	641,809	360,928	271,252	444,810	410,788	463,258
2013	0	323,461	686,681	1,173,329	708,322	578,979	691,443	660,768	802,817	
2014	0	278,477	1,095,873	766,633	1,484,111	1,016,609	768,952	919,287		
2015	0	3,657	743,436	1,003,996	1,300,966	858,862	1,539,529			
2016	859	380,550	144,445	102,677	244,744	197,095				
2017	0	419,099	291,652	588,425	1,199,562					
2018	1,406	207,173	1,691,897	1,627,870						
2019	0	398,745	1,543,937							
2020	0	22,378								
2021	0									
Totals:										
Latest 3	0	628,296	3,527,487	2,318,971	2,745,272	2,072,566	2,999,924	2,024,865	1,824,378	1,161,935
Latest 5	1,406	1,427,946	4,415,368	4,089,600	4,937,706	3,012,473	3,897,138	2,863,032	3,394,805	2,499,625
Latest 10	2,323	2,176,929	7,607,632	8,386,206	8,251,999	5,813,996	7,938,077	6,828,514	6,390,928	5,012,891
1993 & Subs.	3,136	5,884,865	15,698,726	17,493,209	16,904,089	13,468,113	15,427,935	13,080,470	11,318,118	9,659,093
All	3,136	6,117,709	16,380,657	20,707,843	19,125,226	15,359,360	16,519,301	14,006,657	12,101,231	10,574,017

Note: (a) See actual payments as shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d.

Actual Incremental Payments (a)

Year of Birth	126	138	150	162	174	186	198	210	222	234
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1989	370,541	343,093	1,333,545	308,222	375,217	377,990	396,541	396,804	360,867	300,078
1990	78,138	66,436	108,575	184,665	261,253	318,589	280,309	258,164	105,380	120,329
1991	111,027	106,989	137,866	125,332	119,255	145,052	146,657	434,119	512,450	564,475
1992	227,173	254,504	376,865	371,323	295,877	334,824	361,408	490,722	530,386	699,223
1993	837,347	670,056	761,406	909,807	762,883	629,226	744,735	691,289	733,188	793,597
1994	61,997	296,948	466,620	77,525	73,795	190,909	149,095	169,318	146,171	157,007
1995	258,069	732,742	251,688	474,993	63,519	470,359	1,309,213	332,753	440,532	615,011
1996	338,845	280,287	359,843	311,966	458,297	425,175	429,403	320,052	454,128	334,758
1997	281,863	485,276	532,616	806,259	564,865	599,896	1,024,434	608,914	532,206	549,544
1998	602,873	945,119	877,499	1,149,120	1,022,975	1,115,848	1,354,429	1,259,256	1,271,309	1,366,774
1999	706,913	685,298	808,693	686,985	535,364	673,896	646,586	444,700	517,252	336,549
2000	210,907	293,840	230,187	252,857	328,936	307,376	274,586	323,122	309,905	360,812
2001	343,273	297,819	410,526	452,812	508,892	494,590	451,672	440,035	506,911	451,145
2002	904,326	1,118,625	1,339,120	1,045,908	1,069,815	1,066,311	1,045,377	1,008,663	1,121,531	1,332,764
2003	289,439	297,763	477,793	366,711	375,829	358,727	329,503	276,797	386,628	
2004	335,733	384,568	277,017	297,452	328,647	349,681	428,341	368,253		
2005	442,859	469,485	458,686	583,944	453,592	725,602	801,254			
2006	680,071	725,309	707,902	668,499	812,547	800,666				
2007	942,321	821,073	856,168	1,008,435	874,846					
2008	747,603	553,122	662,453	772,116						
2009	669,392	716,328	977,844							
2010	177,033	291,742								
2011	604,051									
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
Totals:										
Latest 3	1,450,476	1,561,192	2,496,465	2,449,050	2,140,984	1,875,949	1,559,099	1,653,713	2,015,070	2,144,720
Latest 5	3,140,400	3,107,573	3,663,053	3,330,446	2,845,460	3,300,987	3,056,148	2,416,870	2,842,227	3,848,043
Latest 10	5,792,828	5,675,832	6,397,696	6,135,719	6,311,442	6,492,593	6,785,586	5,382,545	5,686,574	6,297,958
1993 & Subs.	9,434,915	10,065,398	10,456,061	9,865,389	8,234,801	8,208,263	8,988,629	6,243,152	6,419,762	6,297,958
All	10,221,794	10,836,420	12,412,912	10,854,931	9,286,403	9,384,718	10,173,544	7,822,961	7,928,844	7,982,064

Note: (a) See actual payments as shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d.

Actual Incremental Payments (a)

Year of Birth	246	258	270	282	294	306	318	330	342	354
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1989	238,413	253,306	368,797	410,459	464,121	589,700	629,693	584,337	470,841	371,315
1990	107,838	148,371	131,731	157,510	285,812	266,651	200,791	193,316	232,277	220,867
1991	466,543	401,233	959,196	511,979	550,012	500,466	520,895	617,387	525,163	533,680
1992	591,809	637,595	940,966	835,306	857,717	880,102	966,129	804,308	870,617	907,689
1993	861,180	1,073,300	917,989	909,958	834,573	870,371	936,871	1,121,512	1,035,920	
1994	292,757	231,911	238,426	242,963	290,333	238,518	245,841	241,853		
1995	696,341	621,380	731,835	541,243	530,897	694,660	628,798			
1996	405,865	447,740	475,825	467,121	484,612	617,310				
1997	590,060	563,696	529,576	756,514	776,704					
1998	1,362,817	1,231,243	1,323,441	1,451,054						
1999	381,903	289,204	446,368							
2000	341,891	347,807								
2001	529,568									
2002										
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2020										
2021										
Totals:										
Latest 3	1,253,362	1,868,255	2,299,385	2,674,689	1,792,212	1,550,488	1,811,510	2,167,673	2,431,700	1,662,236
Latest 5	3,206,239	2,879,691	3,507,045	3,458,895	2,917,119	3,300,961	3,298,534	2,978,377	3,134,818	
Latest 10	6,054,191	5,845,110	6,695,353	6,284,107						
1993 & Subs.	5,462,382	4,806,282	4,663,460	4,368,853						
All	6,866,986	6,246,786	7,064,149	6,284,107	5,074,779	4,657,778	4,129,018	3,562,714	3,134,818	2,033,551

Note: (a) See actual payments as shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d.

Actual Incremental Payments (a)

Year of Birth	366	378	390
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1989	368,538	414,463	365,047
1990	214,491	237,422	
1991	620,521		
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2019			
2020			
2021			
Totals:			
Latest 3	1,203,550		
Latest 5			
Latest 10			
1993 & Subs.			
All	1,203,550	651,886	365,047

Note: (a) See actual payments as shown in Appendix E, Exhibit IV, Sheets 6a, 6b, 6c, and 6d.

Paid Loss & ALAE - Actual (a)

Year of Birth	6	18	30	42	54	66	78	90	102	114
1989				1,575,683	2,526,676	3,426,415	3,877,920	4,320,613	4,695,953	5,252,284
1990			406,642	1,006,888	1,033,163	1,353,541	1,570,161	1,693,306	1,801,225	1,892,082
1991		217,966	227,860	361,949	736,379	1,036,420	1,138,640	1,232,985	1,274,452	1,323,246
1992	0	14,878	280,273	1,184,889	2,054,328	2,425,417	2,746,438	3,012,442	3,270,829	3,489,771
1993	0	8,767	375,416	1,153,823	1,783,138	2,641,956	3,653,947	4,379,757	5,085,693	5,952,664
1994	0	204,150	1,070,112	1,416,204	1,808,857	2,591,089	2,882,779	3,202,435	3,479,399	3,636,977
1995	0	4,100	241,477	786,200	1,207,474	1,277,718	1,477,491	1,555,634	1,695,451	1,868,856
1996	0	111,465	719,691	983,344	1,474,129	1,926,876	2,580,219	2,943,018	3,219,537	3,551,223
1997	0	15,895	729,555	1,056,879	1,304,546	1,971,112	2,491,681	2,900,190	3,161,970	3,518,363
1998	0	202,601	869,140	1,824,629	2,477,207	2,969,161	3,430,265	4,831,945	5,422,828	6,141,804
1999	0	649,336	1,117,373	1,483,825	2,171,519	2,630,439	3,070,601	3,461,350	4,517,664	5,133,324
2000	0	577,224	891,040	1,476,018	1,979,132	2,187,953	2,394,369	2,548,543	2,712,139	2,893,939
2001	0	234,899	540,231	1,370,509	1,698,716	2,128,449	3,058,420	3,437,026	3,752,889	4,024,983
2002	0	230,888	837,344	1,641,126	2,372,991	3,084,857	3,999,375	5,381,684	6,314,347	7,285,986
2003	0	220,389	494,889	623,346	747,012	1,211,879	1,682,637	1,837,937	2,044,792	2,337,568
2004	0	127,384	510,567	1,099,110	1,553,208	2,053,102	2,327,184	2,821,405	3,106,130	3,327,953
2005	0	3,473	212,100	955,551	1,830,956	2,551,192	3,666,673	4,468,669	4,954,951	5,446,402
2006	0	27,913	460,129	792,729	1,829,805	2,667,024	4,515,777	5,308,608	5,949,838	6,558,696
2007	0	116,758	781,788	1,697,458	2,774,151	3,682,281	4,712,146	5,625,506	6,572,129	7,470,488
2008	0	133,665	530,545	1,127,649	1,819,684	2,176,881	2,591,781	3,259,519	3,896,781	4,626,059
2009	0	481,931	1,060,536	2,041,227	2,913,743	3,418,634	3,996,263	4,785,821	6,167,888	6,776,300
2010	0	357,099	1,095,421	1,514,450	1,950,349	2,167,137	2,336,930	2,584,353	2,772,713	2,950,858
2011	813	93,908	389,589	1,331,465	2,003,499	2,818,015	3,443,977	4,034,720	4,645,493	5,166,025
2012	58	50,351	426,059	1,207,738	1,849,547	2,210,475	2,481,727	2,926,538	3,337,326	3,800,584
2013	0	323,461	1,010,142	2,183,471	2,891,793	3,470,772	4,162,216	4,822,983	5,625,800	
2014	0	278,477	1,374,350	2,140,983	3,625,094	4,641,703	5,410,654	6,329,941		
2015	0	3,657	747,093	1,751,089	3,052,055	3,910,917	5,450,447			
2016	859	381,409	525,854	628,530	873,274	1,070,369				
2017	0	419,099	710,752	1,299,177	2,498,739					
2018	1,406	208,580	1,900,477	3,528,346						
2019	0	398,745	1,942,682							
2020	0	22,378								
2021	0									

Note: (a) See Exhibit IX, Sheets 6a - 1, 2, and 3.

Paid Loss & ALAE - Actual (a)

Year of Birth	126	138	150	162	174	186	198	210	222	234
1989	5,622,825	5,965,918	7,299,463	7,607,685	7,982,902	8,360,892	8,757,433	9,154,237	9,515,104	9,815,182
1990	1,970,220	2,036,656	2,145,231	2,329,896	2,591,149	2,909,738	3,190,047	3,448,211	3,553,591	3,673,920
1991	1,434,273	1,541,262	1,679,128	1,804,460	1,923,715	2,068,767	2,215,424	2,649,543	3,161,993	3,726,468
1992	3,716,944	3,971,448	4,348,313	4,719,636	5,015,513	5,350,337	5,711,745	6,202,467	6,732,853	7,432,076
1993	6,790,011	7,460,067	8,221,473	9,131,280	9,894,163	10,523,389	11,268,124	11,959,413	12,692,601	13,486,198
1994	3,698,974	3,995,922	4,462,542	4,540,067	4,613,862	4,804,771	4,953,866	5,123,184	5,269,355	5,426,362
1995	2,126,925	2,859,667	3,111,355	3,586,348	3,649,867	4,120,226	5,429,439	5,762,192	6,202,724	6,817,735
1996	3,890,068	4,170,355	4,530,198	4,842,164	5,300,461	5,725,637	6,155,040	6,475,092	6,929,220	7,263,978
1997	3,800,226	4,285,502	4,818,118	5,624,377	6,189,241	6,789,138	7,813,572	8,422,486	8,954,692	9,504,236
1998	6,744,677	7,689,796	8,567,295	9,716,416	10,739,391	11,855,239	13,209,667	14,468,923	15,740,233	17,107,006
1999	5,840,237	6,525,535	7,334,228	8,021,213	8,556,577	9,230,473	9,877,059	10,321,759	10,839,011	11,175,560
2000	3,104,846	3,398,686	3,628,873	3,881,730	4,210,666	4,518,042	4,792,628	5,115,749	5,425,655	5,786,466
2001	4,368,255	4,666,074	5,076,601	5,529,413	6,038,305	6,532,895	6,984,567	7,424,602	7,931,513	8,382,657
2002	8,190,312	9,308,936	10,648,056	11,693,965	12,763,780	13,830,091	14,875,468	15,884,130	17,005,661	18,338,425
2003	2,627,007	2,924,769	3,402,562	3,769,273	4,145,102	4,503,829	4,833,332	5,110,129	5,496,758	
2004	3,663,687	4,048,254	4,325,271	4,622,723	4,951,370	5,301,051	5,729,392	6,097,646		
2005	5,889,261	6,358,746	6,817,432	7,401,376	7,854,968	8,580,570	9,381,825			
2006	7,238,767	7,964,076	8,671,977	9,340,477	10,153,023	10,953,689				
2007	8,412,808	9,233,881	10,090,049	11,098,484	11,973,329					
2008	5,373,662	5,926,784	6,589,237	7,361,353						
2009	7,445,692	8,162,020	9,139,864							
2010	3,127,891	3,419,633								
2011	5,770,076									
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										

Note: (a) See Exhibit IX, Sheets 6a - 1, 2, and 3.

Paid Loss & ALAE - Actual (a)

Year of Birth	246	258	270	282	294	306	318	330	342	354
1989	10,053,595	10,306,901	10,675,697	11,086,156	11,550,277	12,139,977	12,769,670	13,354,007	13,824,848	14,196,163
1990	3,781,758	3,930,129	4,061,860	4,219,370	4,505,182	4,771,833	4,972,624	5,165,940	5,398,218	5,619,085
1991	4,193,012	4,594,245	5,553,441	6,065,420	6,615,431	7,115,897	7,636,792	8,254,179	8,779,342	9,313,021
1992	8,023,885	8,661,480	9,602,446	10,437,752	11,295,468	12,175,570	13,141,699	13,946,007	14,816,624	15,724,313
1993	14,347,378	15,420,678	16,338,666	17,248,624	18,083,197	18,953,568	19,890,439	21,011,951	22,047,871	
1994	5,719,119	5,951,030	6,189,456	6,432,420	6,722,752	6,961,271	7,207,112	7,448,965		
1995	7,514,076	8,135,456	8,867,291	9,408,534	9,939,431	10,634,092	11,262,889			
1996	7,669,842	8,117,582	8,593,407	9,060,528	9,545,140	10,162,449				
1997	10,094,296	10,657,992	11,187,568	11,944,082	12,720,785					
1998	18,469,823	19,701,066	21,024,507	22,475,562						
1999	11,557,463	11,846,668	12,293,035							
2000	6,128,357	6,476,164								
2001	8,912,225									
2002										
2003										
2004										
2005										
2006										
2007										
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2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										

Note: (a) See Exhibit IX, Sheets 6a - 1, 2, and 3.

Paid Loss & ALAE - Actual (a)

Year of Birth	366	378	390
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1989	14,564,701	14,979,165	15,344,211
1990	5,833,576	6,070,999	
1991	9,933,542		
1992			
1993			
1994			
1995			
1996			
1997			
1998			
1999			
2000			
2001			
2002			
2003			
2004			
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2009			
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2014			
2015			
2016			
2017			
2018			
2019			
2020			
2021			

Note: (a) See Exhibit IX, Sheets 6a - 1, 2, and 3.

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 2017	Adjusted q(x) BY 2018	Adjusted q(x) BY 2019	Adjusted q(x) BY 2020	Adjusted q(x) BY 2021
(1)	(2)	(3)	(4)	(5)	(6)
0	0.0152	0.0128	0.0233	0.0350	0.1854
1	0.0154	0.0129	0.0129	0.0259	0.0251
2	0.0156	0.0131	0.0130	0.0143	0.0186
3	0.0158	0.0133	0.0131	0.0145	0.0103
4	0.0160	0.0134	0.0133	0.0146	0.0104
5	0.0162	0.0136	0.0135	0.0148	0.0105
6	0.0165	0.0138	0.0137	0.0150	0.0107
7	0.0167	0.0140	0.0139	0.0152	0.0108
8	0.0170	0.0142	0.0141	0.0154	0.0109
9	0.0174	0.0145	0.0143	0.0157	0.0111
10	0.0178	0.0148	0.0145	0.0159	0.0112
11	0.0182	0.0151	0.0148	0.0162	0.0114
12	0.0186	0.0154	0.0152	0.0165	0.0116
13	0.0190	0.0158	0.0155	0.0169	0.0119
14	0.0193	0.0161	0.0158	0.0173	0.0121
15	0.0197	0.0164	0.0162	0.0176	0.0124
16	0.0200	0.0167	0.0165	0.0180	0.0127
17	0.0204	0.0170	0.0168	0.0184	0.0129
18	0.0208	0.0173	0.0171	0.0187	0.0132
19	0.0212	0.0177	0.0174	0.0190	0.0134
20	0.0215	0.0180	0.0177	0.0194	0.0137
21	0.0219	0.0183	0.0181	0.0198	0.0139
22	0.0223	0.0186	0.0184	0.0201	0.0142
23	0.0228	0.0190	0.0187	0.0205	0.0144
24	0.0232	0.0194	0.0191	0.0209	0.0147
25	0.0238	0.0198	0.0194	0.0212	0.0150
26	0.0243	0.0202	0.0199	0.0217	0.0153
27	0.0248	0.0206	0.0203	0.0221	0.0155
28	0.0254	0.0211	0.0207	0.0226	0.0159
29	0.0260	0.0216	0.0212	0.0231	0.0162
30	0.0266	0.0221	0.0217	0.0236	0.0166
31	0.0272	0.0226	0.0222	0.0241	0.0169
32	0.0278	0.0231	0.0227	0.0247	0.0173
33	0.0285	0.0237	0.0232	0.0252	0.0177
34	0.0292	0.0242	0.0238	0.0258	0.0181
35	0.0300	0.0248	0.0244	0.0265	0.0186
36	0.0308	0.0255	0.0250	0.0271	0.0190
37	0.0316	0.0261	0.0256	0.0278	0.0195
38	0.0325	0.0269	0.0263	0.0285	0.0200
39	0.0335	0.0276	0.0270	0.0293	0.0205
40	0.0345	0.0284	0.0278	0.0301	0.0210
41	0.0356	0.0293	0.0286	0.0309	0.0216
42	0.0367	0.0302	0.0294	0.0318	0.0222
43	0.0380	0.0312	0.0304	0.0328	0.0228
44	0.0393	0.0323	0.0314	0.0338	0.0235
45	0.0407	0.0334	0.0324	0.0349	0.0243
46	0.0423	0.0346	0.0336	0.0361	0.0251
47	0.0439	0.0359	0.0348	0.0374	0.0259
48	0.0456	0.0373	0.0361	0.0387	0.0268
49	0.0475	0.0388	0.0375	0.0402	0.0278
50	0.0494	0.0403	0.0390	0.0418	0.0289
51	0.0515	0.0420	0.0405	0.0434	0.0300
52	0.0537	0.0438	0.0422	0.0451	0.0312
53	0.0561	0.0457	0.0440	0.0470	0.0324
54	0.0587	0.0477	0.0459	0.0490	0.0337
55	0.0614	0.0498	0.0479	0.0511	0.0352
56	0.0643	0.0522	0.0501	0.0534	0.0367
57	0.0674	0.0546	0.0524	0.0558	0.0383
58	0.0708	0.0573	0.0549	0.0583	0.0400
59	0.0744	0.0601	0.0576	0.0611	0.0419
60	0.0783	0.0632	0.0604	0.0641	0.0439

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 2017	Adjusted q(x) BY 2018	Adjusted q(x) BY 2019	Adjusted q(x) BY 2020	Adjusted q(x) BY 2021
(1)	(2)	(3)	(4)	(5)	(6)
61	0.0825	0.0665	0.0635	0.0673	0.0460
62	0.0870	0.0701	0.0669	0.0707	0.0483
63	0.0918	0.0740	0.0705	0.0745	0.0508
64	0.0968	0.0780	0.0743	0.0785	0.0535
65	0.1021	0.0823	0.0784	0.0828	0.0563
66	0.1079	0.0868	0.0827	0.0873	0.0594
67	0.1143	0.0917	0.0872	0.0920	0.0627
68	0.1211	0.0971	0.0922	0.0971	0.0661
69	0.1287	0.1029	0.0976	0.1026	0.0697
70	0.1368	0.1093	0.1035	0.1086	0.0737
71	0.1458	0.1163	0.1099	0.1152	0.0780
72	0.1555	0.1239	0.1168	0.1223	0.0827
73	0.1659	0.1321	0.1245	0.1301	0.0878
74	0.1772	0.1410	0.1327	0.1386	0.0934
75	0.1895	0.1506	0.1417	0.1478	0.0995
76	0.2029	0.1610	0.1513	0.1578	0.1061
77	0.2176	0.1724	0.1618	0.1685	0.1133
78	0.2336	0.1849	0.1732	0.1801	0.1210
79	0.2511	0.1985	0.1858	0.1929	0.1294
80	0.2702	0.2134	0.1995	0.2068	0.1385
81	0.2909	0.2296	0.2144	0.2221	0.1485
82	0.3135	0.2472	0.2307	0.2387	0.1595
83	0.3380	0.2664	0.2484	0.2568	0.1714
84	0.3646	0.2872	0.2677	0.2766	0.1844
85	0.3933	0.3098	0.2886	0.2980	0.1986
86	0.4244	0.3342	0.3113	0.3213	0.2140
87	0.4578	0.3606	0.3359	0.3466	0.2307
88	0.4938	0.3890	0.3624	0.3739	0.2489
89	0.5322	0.4196	0.3910	0.4035	0.2685
90	0.5731	0.4523	0.4216	0.4353	0.2897
91	0.6158	0.4870	0.4545	0.4694	0.3125
92	0.6602	0.5233	0.4894	0.5060	0.3371
93	0.7063	0.5610	0.5259	0.5449	0.3633
94	0.7541	0.6001	0.5638	0.5855	0.3913
95	0.8040	0.6408	0.6031	0.6277	0.4204
96	0.8335	0.6832	0.6439	0.6715	0.4507
97	0.8335	0.7082	0.6866	0.7169	0.4821
98	0.8335	0.7082	0.7117	0.7644	0.5148
99	0.8335	0.7082	0.7117	0.7924	0.5489
100	0.8335	0.7082	0.7117	0.7924	0.5690
101	0.8335	0.7082	0.7117	0.7924	0.5690
102	0.8335	0.7082	0.7117	0.7924	0.5690
103	0.8335	0.7082	0.7117	0.7924	0.5690
104	0.8335	0.7082	0.7117	0.7924	0.5690
105	0.8335	0.7082	0.7117	0.7924	0.5690
106	0.8335	0.7082	0.7117	0.7924	0.5690
107	0.8335	0.7082	0.7117	0.7924	0.5690
108	0.8335	0.7082	0.7117	0.7924	0.5690
109	0.8335	0.7082	0.7117	0.7924	0.5690
110	0.8335	0.7082	0.7117	0.7924	0.5690
111	0.8335	0.7082	0.7117	0.7924	0.5690
112	0.8335	0.7082	0.7117	0.7924	0.5690
113	0.8335	0.7082	0.7117	0.7924	0.5690
114	0.8335	0.7082	0.7117	0.7924	0.5690
115	0.8335	0.7082	0.7117	0.7924	0.5690
116	0.8419	0.7082	0.7117	0.7924	0.5690
117	0.8419	0.7154	0.7117	0.7924	0.5690
118	0.8419	0.7154	0.7189	0.7924	0.5690
119	0.8419	0.7154	0.7189	0.8004	0.5690
120	0.8419	0.7154	0.7189	0.8004	0.5747

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 2003	Adjusted q(x) BY 2004	Adjusted q(x) BY 2005	Adjusted q(x) BY 2006	Adjusted q(x) BY 2007	Adjusted q(x) BY 2008	Adjusted q(x) BY 2009	Adjusted q(x) BY 2010	Adjusted q(x) BY 2011	Adjusted q(x) BY 2012	Adjusted q(x) BY 2013	Adjusted q(x) BY 2014	Adjusted q(x) BY 2015	Adjusted q(x) BY 2016
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0	0.0282	0.0092	0.0151	0.0131	0.0227	0.0091	0.0100	0.0049	0.0104	0.0081	0.0181	0.0197	0.0128	0.0132
1	0.0287	0.0094	0.0154	0.0134	0.0232	0.0093	0.0102	0.0049	0.0105	0.0082	0.0184	0.0200	0.0130	0.0134
2	0.0292	0.0096	0.0157	0.0136	0.0237	0.0095	0.0104	0.0050	0.0107	0.0083	0.0186	0.0202	0.0131	0.0136
3	0.0298	0.0098	0.0160	0.0139	0.0242	0.0097	0.0106	0.0052	0.0109	0.0085	0.0189	0.0205	0.0133	0.0138
4	0.0303	0.0099	0.0163	0.0142	0.0247	0.0099	0.0109	0.0053	0.0112	0.0087	0.0193	0.0208	0.0135	0.0140
5	0.0308	0.0101	0.0166	0.0144	0.0251	0.0101	0.0111	0.0054	0.0114	0.0089	0.0196	0.0212	0.0137	0.0142
6	0.0314	0.0103	0.0169	0.0147	0.0256	0.0103	0.0113	0.0055	0.0117	0.0091	0.0201	0.0216	0.0140	0.0144
7	0.0320	0.0105	0.0172	0.0150	0.0261	0.0105	0.0115	0.0056	0.0119	0.0093	0.0205	0.0221	0.0142	0.0146
8	0.0326	0.0107	0.0176	0.0152	0.0266	0.0106	0.0117	0.0057	0.0122	0.0094	0.0210	0.0226	0.0146	0.0149
9	0.0332	0.0109	0.0179	0.0155	0.0270	0.0108	0.0119	0.0058	0.0124	0.0096	0.0214	0.0231	0.0149	0.0153
10	0.0339	0.0111	0.0182	0.0158	0.0275	0.0110	0.0122	0.0059	0.0126	0.0098	0.0218	0.0236	0.0152	0.0156
11	0.0346	0.0113	0.0186	0.0161	0.0280	0.0112	0.0124	0.0060	0.0129	0.0100	0.0222	0.0241	0.0155	0.0159
12	0.0354	0.0116	0.0189	0.0164	0.0285	0.0114	0.0126	0.0062	0.0131	0.0102	0.0227	0.0245	0.0158	0.0163
13	0.0362	0.0118	0.0194	0.0167	0.0291	0.0117	0.0128	0.0063	0.0133	0.0104	0.0231	0.0250	0.0161	0.0166
14	0.0370	0.0121	0.0198	0.0171	0.0297	0.0119	0.0131	0.0064	0.0136	0.0105	0.0235	0.0254	0.0164	0.0169
15	0.0378	0.0124	0.0202	0.0175	0.0303	0.0121	0.0133	0.0065	0.0138	0.0107	0.0239	0.0259	0.0167	0.0172
16	0.0387	0.0126	0.0207	0.0179	0.0310	0.0124	0.0136	0.0066	0.0141	0.0109	0.0244	0.0264	0.0170	0.0175
17	0.0396	0.0129	0.0212	0.0183	0.0317	0.0127	0.0139	0.0068	0.0144	0.0111	0.0248	0.0268	0.0174	0.0179
18	0.0406	0.0132	0.0216	0.0187	0.0324	0.0129	0.0142	0.0069	0.0147	0.0114	0.0253	0.0273	0.0177	0.0182
19	0.0416	0.0136	0.0221	0.0191	0.0332	0.0132	0.0145	0.0071	0.0150	0.0116	0.0258	0.0278	0.0180	0.0185
20	0.0426	0.0139	0.0227	0.0196	0.0339	0.0135	0.0148	0.0072	0.0153	0.0118	0.0263	0.0284	0.0183	0.0188
21	0.0437	0.0142	0.0232	0.0201	0.0347	0.0139	0.0152	0.0074	0.0156	0.0121	0.0269	0.0290	0.0187	0.0192
22	0.0449	0.0146	0.0238	0.0205	0.0356	0.0142	0.0155	0.0075	0.0160	0.0124	0.0275	0.0296	0.0191	0.0196
23	0.0461	0.0150	0.0244	0.0211	0.0365	0.0145	0.0159	0.0077	0.0164	0.0127	0.0281	0.0302	0.0195	0.0200
24	0.0474	0.0154	0.0251	0.0216	0.0374	0.0149	0.0163	0.0079	0.0167	0.0129	0.0287	0.0309	0.0199	0.0204
25	0.0488	0.0158	0.0258	0.0222	0.0383	0.0153	0.0167	0.0081	0.0171	0.0132	0.0294	0.0316	0.0204	0.0209
26	0.0503	0.0163	0.0265	0.0228	0.0393	0.0156	0.0171	0.0083	0.0175	0.0136	0.0300	0.0323	0.0208	0.0213
27	0.0518	0.0168	0.0273	0.0234	0.0404	0.0161	0.0175	0.0085	0.0180	0.0139	0.0307	0.0331	0.0213	0.0218
28	0.0535	0.0173	0.0281	0.0241	0.0415	0.0165	0.0180	0.0087	0.0184	0.0142	0.0315	0.0339	0.0218	0.0223
29	0.0553	0.0179	0.0290	0.0248	0.0428	0.0170	0.0185	0.0089	0.0189	0.0146	0.0323	0.0347	0.0223	0.0228
30	0.0573	0.0185	0.0299	0.0256	0.0441	0.0175	0.0190	0.0092	0.0194	0.0149	0.0331	0.0355	0.0228	0.0234
31	0.0594	0.0192	0.0309	0.0264	0.0454	0.0180	0.0196	0.0094	0.0199	0.0153	0.0339	0.0364	0.0234	0.0239
32	0.0616	0.0199	0.0320	0.0273	0.0469	0.0186	0.0202	0.0097	0.0205	0.0158	0.0348	0.0373	0.0240	0.0245
33	0.0640	0.0206	0.0332	0.0283	0.0485	0.0192	0.0208	0.0100	0.0211	0.0162	0.0358	0.0383	0.0246	0.0251
34	0.0665	0.0214	0.0345	0.0293	0.0502	0.0198	0.0215	0.0103	0.0217	0.0167	0.0368	0.0394	0.0252	0.0258
35	0.0692	0.0222	0.0358	0.0305	0.0521	0.0205	0.0222	0.0107	0.0224	0.0172	0.0378	0.0405	0.0259	0.0264
36	0.0720	0.0231	0.0372	0.0316	0.0540	0.0213	0.0230	0.0110	0.0231	0.0177	0.0390	0.0417	0.0267	0.0272
37	0.0751	0.0241	0.0387	0.0329	0.0561	0.0221	0.0238	0.0114	0.0239	0.0183	0.0402	0.0429	0.0274	0.0279
38	0.0783	0.0251	0.0403	0.0342	0.0583	0.0229	0.0247	0.0118	0.0248	0.0189	0.0415	0.0443	0.0283	0.0288
39	0.0818	0.0262	0.0420	0.0356	0.0607	0.0238	0.0257	0.0123	0.0257	0.0196	0.0429	0.0457	0.0292	0.0296
40	0.0855	0.0273	0.0438	0.0371	0.0631	0.0248	0.0267	0.0128	0.0266	0.0203	0.0445	0.0473	0.0301	0.0306
41	0.0895	0.0286	0.0457	0.0387	0.0658	0.0258	0.0278	0.0133	0.0277	0.0211	0.0461	0.0490	0.0311	0.0316
42	0.0937	0.0299	0.0478	0.0404	0.0687	0.0269	0.0289	0.0138	0.0288	0.0219	0.0478	0.0507	0.0322	0.0326
43	0.0983	0.0313	0.0500	0.0422	0.0717	0.0280	0.0301	0.0144	0.0299	0.0228	0.0497	0.0527	0.0334	0.0338
44	0.1032	0.0328	0.0524	0.0442	0.0750	0.0293	0.0314	0.0150	0.0311	0.0237	0.0516	0.0547	0.0347	0.0350
45	0.1085	0.0345	0.0549	0.0463	0.0784	0.0306	0.0328	0.0156	0.0325	0.0246	0.0537	0.0569	0.0360	0.0363
46	0.1142	0.0363	0.0577	0.0485	0.0821	0.0320	0.0343	0.0163	0.0339	0.0257	0.0559	0.0591	0.0374	0.0377
47	0.1203	0.0382	0.0606	0.0510	0.0861	0.0335	0.0359	0.0171	0.0354	0.0268	0.0582	0.0616	0.0389	0.0392
48	0.1269	0.0402	0.0638	0.0536	0.0904	0.0352	0.0376	0.0178	0.0370	0.0280	0.0608	0.0641	0.0405	0.0408
49	0.1338	0.0424	0.0672	0.0564	0.0951	0.0369	0.0394	0.0187	0.0387	0.0292	0.0635	0.0669	0.0422	0.0425
50	0.1411	0.0447	0.0709	0.0594	0.1001	0.0388	0.0414	0.0196	0.0405	0.0306	0.0663	0.0699	0.0441	0.0443
51	0.1489	0.0472	0.0748	0.0627	0.1055	0.0409	0.0435	0.0206	0.0425	0.0320	0.0694	0.0731	0.0460	0.0462
52	0.1573	0.0498	0.0789	0.0661	0.1112	0.0431	0.0458	0.0216	0.0446	0.0336	0.0727	0.0764	0.0481	0.0482
53	0.1666	0.0526	0.0832	0.0697	0.1173	0.0454	0.0483	0.0228	0.0469	0.0353	0.0762	0.0801	0.0503	0.0504
54	0.1766	0.0557	0.0879	0.0736	0.1237	0.0479	0.0509	0.0240	0.0494	0.0371	0.0800	0.0840	0.0527	0.0527
55	0.1875	0.0590	0.0931	0.0777	0.1305	0.0505	0.0537	0.0253	0.0520	0.0390	0.0842	0.0882	0.0553	0.0552
56	0.1994	0.0627	0.0987	0.0823	0.1379	0.0533	0.0566	0.0267	0.0549	0.0411	0.0886	0.0927	0.0580	0.0579
57	0.2125	0.0667	0.1048	0.0873	0.1460	0.0563	0.0597	0.0281	0.0579	0.0434	0.0933	0.0975	0.0610	0.0608
58	0.2266	0.0710	0.1115	0.0927	0.1548	0.0596	0.0631	0.0297	0.0610	0.0458	0.0984	0.1028	0.0642	0.0639
59	0.2419	0.0757	0.1188	0.0985	0.1644	0.0632	0.0668	0.0314	0.0644	0.0483	0.1038	0.1084	0.0677	0.0673
60	0.2583	0.0809	0.1267	0.1050	0.1748	0.0671	0.0708	0.0332	0.0680	0.0509	0.1095	0.1143	0.0714	0.0709

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 2003	Adjusted q(x) BY 2004	Adjusted q(x) BY 2005	Adjusted q(x) BY 2006	Adjusted q(x) BY 2007	Adjusted q(x) BY 2008	Adjusted q(x) BY 2009	Adjusted q(x) BY 2010	Adjusted q(x) BY 2011	Adjusted q(x) BY 2012	Adjusted q(x) BY 2013	Adjusted q(x) BY 2014	Adjusted q(x) BY 2015	Adjusted q(x) BY 2016
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
61	0.2762	0.0864	0.1352	0.1120	0.1862	0.0714	0.0752	0.0352	0.0720	0.0538	0.1155	0.1206	0.0753	0.0748
62	0.2957	0.0923	0.1444	0.1195	0.1986	0.0760	0.0800	0.0374	0.0763	0.0570	0.1221	0.1272	0.0794	0.0789
63	0.3171	0.0989	0.1544	0.1276	0.2120	0.0811	0.0852	0.0398	0.0811	0.0604	0.1292	0.1344	0.0838	0.0832
64	0.3405	0.1060	0.1653	0.1365	0.2265	0.0866	0.0909	0.0424	0.0862	0.0641	0.1370	0.1423	0.0885	0.0878
65	0.3660	0.1138	0.1773	0.1461	0.2421	0.0925	0.0970	0.0452	0.0919	0.0682	0.1455	0.1509	0.0937	0.0927
66	0.3938	0.1223	0.1903	0.1567	0.2593	0.0989	0.1036	0.0482	0.0980	0.0727	0.1547	0.1602	0.0993	0.0982
67	0.4241	0.1316	0.2046	0.1682	0.2780	0.1058	0.1108	0.0515	0.1046	0.0775	0.1648	0.1704	0.1055	0.1041
68	0.4570	0.1417	0.2201	0.1808	0.2985	0.1135	0.1186	0.0551	0.1117	0.0827	0.1758	0.1815	0.1122	0.1105
69	0.4927	0.1527	0.2370	0.1946	0.3208	0.1219	0.1272	0.0590	0.1194	0.0884	0.1877	0.1936	0.1195	0.1176
70	0.5314	0.1647	0.2554	0.2095	0.3452	0.1310	0.1366	0.0632	0.1279	0.0945	0.2004	0.2067	0.1275	0.1252
71	0.5733	0.1776	0.2754	0.2258	0.3717	0.1409	0.1468	0.0679	0.1371	0.1011	0.2143	0.2207	0.1361	0.1336
72	0.6186	0.1916	0.2971	0.2434	0.4006	0.1518	0.1580	0.0730	0.1472	0.1085	0.2294	0.2360	0.1453	0.1426
73	0.6674	0.2068	0.3205	0.2626	0.4319	0.1635	0.1701	0.0785	0.1582	0.1165	0.2461	0.2527	0.1554	0.1523
74	0.7198	0.2231	0.3458	0.2833	0.4659	0.1763	0.1833	0.0846	0.1703	0.1252	0.2642	0.2710	0.1664	0.1628
75	0.7758	0.2406	0.3731	0.3056	0.5026	0.1902	0.1976	0.0911	0.1833	0.1347	0.2840	0.2909	0.1784	0.1743
76	0.8355	0.2593	0.4023	0.3297	0.5423	0.2052	0.2132	0.0982	0.1976	0.1450	0.3055	0.3127	0.1916	0.1869
77	0.8977	0.2793	0.4337	0.3556	0.5850	0.2214	0.2300	0.1060	0.2130	0.1563	0.3290	0.3365	0.2059	0.2007
78	0.9624	0.3001	0.4670	0.3833	0.6309	0.2389	0.2482	0.1143	0.2298	0.1685	0.3545	0.3623	0.2215	0.2158
79	1.0000	0.3217	0.5018	0.4128	0.6801	0.2576	0.2677	0.1234	0.2479	0.1817	0.3822	0.3904	0.2386	0.2321
80	1.0000	0.3441	0.5380	0.4435	0.7324	0.2777	0.2887	0.1331	0.2674	0.1961	0.4123	0.4210	0.2571	0.2500
81	1.0000	0.3674	0.5755	0.4755	0.7869	0.2990	0.3112	0.1435	0.2885	0.2116	0.4448	0.4541	0.2772	0.2694
82	1.0000	0.3918	0.6144	0.5087	0.8437	0.3213	0.3351	0.1547	0.3112	0.2282	0.4799	0.4899	0.2990	0.2904
83	1.0000	0.4061	0.6552	0.5431	0.9025	0.3444	0.3601	0.1666	0.3354	0.2461	0.5178	0.5286	0.3225	0.3133
84	1.0000	0.4061	0.6791	0.5791	0.9635	0.3685	0.3861	0.1790	0.3612	0.2653	0.5584	0.5702	0.3480	0.3380
85	1.0000	0.4061	0.6791	0.6003	1.0000	0.3934	0.4130	0.1919	0.3881	0.2857	0.6019	0.6150	0.3754	0.3646
86	1.0000	0.4061	0.6791	0.6003	1.0000	0.4195	0.4409	0.2053	0.4161	0.3070	0.6482	0.6629	0.4049	0.3934
87	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4702	0.2192	0.4451	0.3291	0.6965	0.7138	0.4364	0.4243
88	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2337	0.4752	0.3521	0.7467	0.7670	0.4700	0.4573
89	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5067	0.3759	0.7987	0.8223	0.5050	0.4925
90	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4008	0.8528	0.8797	0.5414	0.5292
91	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9093	0.9392	0.5792	0.5673
92	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6183	0.6069
93	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6593	0.6479
94	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.6909
95	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
96	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
97	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
98	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
99	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
100	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
101	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
102	1.0000	0.4061	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
103	1.0000	0.4102	0.6791	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
104	1.0000	0.4102	0.6860	0.6003	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
105	1.0000	0.4102	0.6860	0.6063	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
106	1.0000	0.4102	0.6860	0.6063	1.0000	0.4348	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
107	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4874	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
108	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2423	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
109	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2447	0.5252	0.4155	0.9426	1.0000	0.6834	0.7161
110	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2447	0.5305	0.4155	0.9426	1.0000	0.6834	0.7161
111	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2447	0.5305	0.4197	0.9426	1.0000	0.6834	0.7161
112	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2447	0.5305	0.4197	0.9521	1.0000	0.6834	0.7161
113	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2447	0.5305	0.4197	0.9521	1.0000	0.6834	0.7161
114	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2447	0.5305	0.4197	0.9521	1.0000	0.6904	0.7161
115	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2447	0.5305	0.4197	0.9521	1.0000	0.6904	0.7234
116	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2447	0.5305	0.4197	0.9521	1.0000	0.6904	0.7234
117	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2447	0.5305	0.4197	0.9521	1.0000	0.6904	0.7234
118	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2447	0.5305	0.4197	0.9521	1.0000	0.6904	0.7234
119	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2447	0.5305	0.4197	0.9521	1.0000	0.6904	0.7234
120	1.0000	0.4102	0.6860	0.6063	1.0000	0.4392	0.4923	0.2447	0.5305	0.4197	0.9521	1.0000	0.6904	0.7234

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 1989	Adjusted q(x) BY 1990	Adjusted q(x) BY 1991	Adjusted q(x) BY 1992	Adjusted q(x) BY 1993	Adjusted q(x) BY 1994	Adjusted q(x) BY 1995	Adjusted q(x) BY 1996	Adjusted q(x) BY 1997	Adjusted q(x) BY 1998	Adjusted q(x) BY 1999	Adjusted q(x) BY 2000	Adjusted q(x) BY 2001	Adjusted q(x) BY 2002
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0	0.0110	0.0339	0.0148	0.0131	0.0141	0.0052	0.0109	0.0220	0.0097	0.0125	0.0214	0.0192	0.0121	0.0165
1	0.0112	0.0347	0.0151	0.0134	0.0144	0.0053	0.0111	0.0224	0.0099	0.0128	0.0217	0.0196	0.0123	0.0168
2	0.0115	0.0355	0.0155	0.0137	0.0147	0.0054	0.0114	0.0229	0.0101	0.0130	0.0221	0.0199	0.0126	0.0171
3	0.0118	0.0363	0.0158	0.0140	0.0151	0.0055	0.0116	0.0233	0.0103	0.0132	0.0225	0.0203	0.0128	0.0174
4	0.0120	0.0372	0.0162	0.0143	0.0154	0.0056	0.0119	0.0238	0.0105	0.0135	0.0229	0.0206	0.0130	0.0177
5	0.0123	0.0381	0.0166	0.0146	0.0157	0.0058	0.0121	0.0244	0.0107	0.0138	0.0234	0.0210	0.0133	0.0181
6	0.0126	0.0390	0.0170	0.0150	0.0161	0.0059	0.0124	0.0249	0.0109	0.0141	0.0239	0.0214	0.0135	0.0184
7	0.0130	0.0400	0.0174	0.0153	0.0165	0.0060	0.0127	0.0255	0.0112	0.0144	0.0244	0.0219	0.0138	0.0187
8	0.0133	0.0410	0.0178	0.0157	0.0169	0.0062	0.0130	0.0260	0.0114	0.0147	0.0249	0.0223	0.0141	0.0191
9	0.0137	0.0421	0.0183	0.0161	0.0173	0.0063	0.0133	0.0266	0.0117	0.0150	0.0255	0.0228	0.0144	0.0195
10	0.0141	0.0432	0.0187	0.0165	0.0177	0.0065	0.0136	0.0273	0.0120	0.0154	0.0261	0.0234	0.0147	0.0199
11	0.0145	0.0444	0.0193	0.0169	0.0182	0.0066	0.0140	0.0279	0.0123	0.0157	0.0267	0.0239	0.0150	0.0203
12	0.0149	0.0457	0.0198	0.0174	0.0187	0.0068	0.0143	0.0286	0.0126	0.0161	0.0273	0.0244	0.0153	0.0208
13	0.0154	0.0471	0.0204	0.0179	0.0192	0.0070	0.0147	0.0293	0.0129	0.0165	0.0279	0.0250	0.0157	0.0213
14	0.0159	0.0486	0.0210	0.0184	0.0197	0.0072	0.0151	0.0301	0.0132	0.0169	0.0286	0.0256	0.0160	0.0218
15	0.0164	0.0502	0.0217	0.0190	0.0203	0.0074	0.0155	0.0309	0.0135	0.0173	0.0293	0.0262	0.0164	0.0223
16	0.0170	0.0519	0.0224	0.0196	0.0209	0.0076	0.0159	0.0317	0.0139	0.0178	0.0300	0.0268	0.0168	0.0228
17	0.0176	0.0537	0.0231	0.0202	0.0216	0.0078	0.0164	0.0326	0.0143	0.0182	0.0308	0.0275	0.0172	0.0233
18	0.0183	0.0557	0.0239	0.0209	0.0223	0.0081	0.0169	0.0336	0.0147	0.0187	0.0316	0.0282	0.0177	0.0239
19	0.0190	0.0578	0.0248	0.0216	0.0230	0.0084	0.0174	0.0346	0.0151	0.0192	0.0325	0.0290	0.0181	0.0245
20	0.0197	0.0600	0.0258	0.0224	0.0238	0.0086	0.0180	0.0357	0.0155	0.0198	0.0334	0.0297	0.0186	0.0251
21	0.0205	0.0624	0.0267	0.0233	0.0247	0.0089	0.0186	0.0368	0.0160	0.0204	0.0344	0.0306	0.0191	0.0258
22	0.0214	0.0649	0.0278	0.0242	0.0256	0.0093	0.0192	0.0381	0.0166	0.0211	0.0354	0.0315	0.0196	0.0265
23	0.0223	0.0676	0.0289	0.0251	0.0266	0.0096	0.0199	0.0394	0.0171	0.0217	0.0365	0.0324	0.0202	0.0272
24	0.0232	0.0704	0.0301	0.0261	0.0277	0.0100	0.0207	0.0409	0.0177	0.0225	0.0377	0.0335	0.0208	0.0280
25	0.0243	0.0735	0.0314	0.0272	0.0288	0.0104	0.0215	0.0424	0.0184	0.0233	0.0390	0.0346	0.0215	0.0289
26	0.0254	0.0767	0.0327	0.0283	0.0300	0.0108	0.0223	0.0441	0.0191	0.0241	0.0404	0.0357	0.0222	0.0298
27	0.0265	0.0802	0.0342	0.0296	0.0312	0.0112	0.0232	0.0458	0.0198	0.0250	0.0419	0.0370	0.0229	0.0308
28	0.0278	0.0839	0.0357	0.0309	0.0326	0.0117	0.0242	0.0476	0.0206	0.0260	0.0434	0.0383	0.0238	0.0318
29	0.0291	0.0879	0.0374	0.0323	0.0340	0.0122	0.0252	0.0496	0.0214	0.0270	0.0451	0.0398	0.0246	0.0329
30	0.0306	0.0921	0.0391	0.0338	0.0356	0.0128	0.0263	0.0517	0.0223	0.0281	0.0469	0.0413	0.0256	0.0341
31	0.0322	0.0967	0.0411	0.0354	0.0372	0.0133	0.0275	0.0539	0.0232	0.0293	0.0488	0.0429	0.0265	0.0354
32	0.0339	0.1017	0.0431	0.0371	0.0390	0.0140	0.0287	0.0563	0.0242	0.0305	0.0508	0.0447	0.0276	0.0368
33	0.0357	0.1070	0.0453	0.0390	0.0409	0.0146	0.0300	0.0589	0.0253	0.0318	0.0529	0.0465	0.0287	0.0383
34	0.0376	0.1128	0.0477	0.0410	0.0429	0.0153	0.0315	0.0616	0.0264	0.0332	0.0552	0.0485	0.0299	0.0398
35	0.0397	0.1190	0.0503	0.0431	0.0451	0.0161	0.0330	0.0645	0.0277	0.0347	0.0576	0.0506	0.0311	0.0414
36	0.0419	0.1255	0.0530	0.0454	0.0475	0.0169	0.0346	0.0676	0.0290	0.0363	0.0603	0.0528	0.0325	0.0432
37	0.0442	0.1323	0.0559	0.0479	0.0500	0.0178	0.0364	0.0710	0.0304	0.0381	0.0630	0.0552	0.0339	0.0450
38	0.0467	0.1396	0.0590	0.0505	0.0528	0.0188	0.0383	0.0747	0.0319	0.0399	0.0660	0.0577	0.0355	0.0470
39	0.0494	0.1475	0.0622	0.0533	0.0557	0.0198	0.0404	0.0786	0.0336	0.0419	0.0692	0.0605	0.0371	0.0492
40	0.0524	0.1562	0.0657	0.0562	0.0587	0.0209	0.0426	0.0828	0.0353	0.0441	0.0727	0.0634	0.0389	0.0514
41	0.0556	0.1656	0.0696	0.0594	0.0619	0.0220	0.0449	0.0873	0.0372	0.0464	0.0764	0.0666	0.0407	0.0539
42	0.0592	0.1759	0.0738	0.0629	0.0654	0.0232	0.0474	0.0921	0.0393	0.0489	0.0804	0.0700	0.0428	0.0565
43	0.0630	0.1870	0.0784	0.0667	0.0693	0.0245	0.0500	0.0971	0.0414	0.0515	0.0848	0.0737	0.0450	0.0593
44	0.0672	0.1992	0.0833	0.0708	0.0735	0.0260	0.0528	0.1025	0.0437	0.0544	0.0894	0.0777	0.0473	0.0624
45	0.0718	0.2125	0.0888	0.0753	0.0780	0.0275	0.0559	0.1083	0.0461	0.0573	0.0943	0.0819	0.0499	0.0656
46	0.0766	0.2268	0.0947	0.0802	0.0830	0.0293	0.0593	0.1147	0.0487	0.0605	0.0994	0.0864	0.0526	0.0692
47	0.0819	0.2423	0.1011	0.0856	0.0884	0.0311	0.0630	0.1216	0.0515	0.0639	0.1049	0.0911	0.0555	0.0729
48	0.0877	0.2590	0.1079	0.0913	0.0943	0.0331	0.0670	0.1291	0.0546	0.0676	0.1109	0.0961	0.0585	0.0769
49	0.0941	0.2773	0.1154	0.0976	0.1006	0.0354	0.0713	0.1373	0.0580	0.0717	0.1174	0.1015	0.0617	0.0811
50	0.1010	0.2974	0.1236	0.1043	0.1075	0.0377	0.0761	0.1463	0.0617	0.0762	0.1244	0.1075	0.0652	0.0856
51	0.1086	0.3193	0.1325	0.1117	0.1149	0.0403	0.0812	0.1560	0.0657	0.0810	0.1322	0.1140	0.0691	0.0905
52	0.1168	0.3432	0.1423	0.1198	0.1230	0.0431	0.0867	0.1665	0.0701	0.0863	0.1405	0.1210	0.0732	0.0958
53	0.1258	0.3693	0.1529	0.1286	0.1319	0.0461	0.0927	0.1778	0.0748	0.0920	0.1497	0.1287	0.0778	0.1015
54	0.1356	0.3976	0.1645	0.1382	0.1417	0.0495	0.0993	0.1901	0.0799	0.0982	0.1597	0.1371	0.0827	0.1078
55	0.1462	0.4285	0.1772	0.1487	0.1523	0.0531	0.1065	0.2036	0.0854	0.1049	0.1704	0.1463	0.0881	0.1147
56	0.1576	0.4620	0.1909	0.1601	0.1638	0.0571	0.1143	0.2183	0.0915	0.1122	0.1821	0.1561	0.0940	0.1221
57	0.1701	0.4983	0.2059	0.1726	0.1764	0.0614	0.1229	0.2344	0.0981	0.1201	0.1946	0.1668	0.1003	0.1303
58	0.1835	0.5376	0.2220	0.1860	0.1901	0.0662	0.1322	0.2520	0.1053	0.1288	0.2084	0.1783	0.1071	0.1391
59	0.1980	0.5801	0.2395	0.2007	0.2050	0.0713	0.1424	0.2711	0.1132	0.1383	0.2235	0.1909	0.1145	0.1485
60	0.2135	0.6258	0.2585	0.2165	0.2211	0.0769	0.1534	0.2919	0.1218	0.1487	0.2400	0.2047	0.1226	0.1588

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 1989	Adjusted q(x) BY 1990	Adjusted q(x) BY 1991	Adjusted q(x) BY 1992	Adjusted q(x) BY 1993	Adjusted q(x) BY 1994	Adjusted q(x) BY 1995	Adjusted q(x) BY 1996	Adjusted q(x) BY 1997	Adjusted q(x) BY 1998	Adjusted q(x) BY 1999	Adjusted q(x) BY 2000	Adjusted q(x) BY 2001	Adjusted q(x) BY 2002
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
61	0.2301	0.6749	0.2788	0.2336	0.2385	0.0829	0.1654	0.3146	0.1312	0.1599	0.2579	0.2198	0.1315	0.1700
62	0.2478	0.7275	0.3007	0.2520	0.2573	0.0894	0.1784	0.3392	0.1414	0.1722	0.2775	0.2362	0.1412	0.1823
63	0.2663	0.7834	0.3241	0.2718	0.2776	0.0965	0.1925	0.3658	0.1524	0.1856	0.2988	0.2542	0.1518	0.1958
64	0.2855	0.8418	0.3491	0.2930	0.2994	0.1041	0.2077	0.3947	0.1644	0.2001	0.3220	0.2737	0.1633	0.2104
65	0.3054	0.9025	0.3751	0.3155	0.3227	0.1123	0.2241	0.4258	0.1774	0.2158	0.3472	0.2950	0.1758	0.2264
66	0.3261	0.9654	0.4021	0.3390	0.3475	0.1210	0.2416	0.4594	0.1914	0.2329	0.3745	0.3180	0.1895	0.2438
67	0.3477	1.0000	0.4301	0.3634	0.3734	0.1303	0.2605	0.4955	0.2064	0.2513	0.4040	0.3430	0.2043	0.2627
68	0.3604	1.0000	0.4593	0.3888	0.4004	0.1400	0.2805	0.5340	0.2227	0.2711	0.4359	0.3701	0.2204	0.2833
69	0.3604	1.0000	0.4897	0.4151	0.4283	0.1501	0.3014	0.5751	0.2400	0.2923	0.4703	0.3993	0.2377	0.3055
70	0.3604	1.0000	0.5076	0.4426	0.4572	0.1606	0.3231	0.6180	0.2584	0.3151	0.5072	0.4308	0.2565	0.3296
71	0.3604	1.0000	0.5076	0.4588	0.4876	0.1715	0.3456	0.6625	0.2777	0.3393	0.5467	0.4646	0.2767	0.3556
72	0.3604	1.0000	0.5076	0.4588	0.5054	0.1828	0.3690	0.7087	0.2977	0.3646	0.5887	0.5008	0.2984	0.3837
73	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.3935	0.7566	0.3185	0.3909	0.6326	0.5393	0.3217	0.4138
74	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8068	0.3400	0.4182	0.6782	0.5794	0.3464	0.4460
75	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3626	0.4464	0.7255	0.6212	0.3722	0.4803
76	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4760	0.7746	0.6645	0.3991	0.5161
77	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8259	0.7095	0.4269	0.5533
78	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7565	0.4558	0.5919
79	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.4860	0.6319
80	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6738
81	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
82	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
83	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
84	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
85	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
86	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
87	0.3604	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
88	0.3640	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
89	0.3640	1.0000	0.5076	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
90	0.3640	1.0000	0.5127	0.4588	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
91	0.3640	1.0000	0.5127	0.4634	0.5054	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
92	0.3640	1.0000	0.5127	0.4634	0.5105	0.1895	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
93	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4079	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
94	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8363	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
95	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3758	0.4935	0.8561	0.7842	0.5038	0.6985
96	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4935	0.8561	0.7842	0.5038	0.6985
97	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8561	0.7842	0.5038	0.6985
98	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7842	0.5038	0.6985
99	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5038	0.6985
100	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.6985
101	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
102	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
103	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
104	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
105	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
106	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
107	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
108	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
109	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
110	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
111	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
112	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
113	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
114	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
115	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
116	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
117	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
118	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
119	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055
120	0.3640	1.0000	0.5127	0.4634	0.5105	0.1914	0.4120	0.8448	0.3796	0.4984	0.8648	0.7921	0.5088	0.7055

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Sum of (a) Remaining Life Expectancy	Cumulative Paid (b) Loss & ALAE	Number of Years Since Date of Claim (c)	Average Annual Payment (3) / (4)	Indicated Birth Year Relativity Based on Average Annual Payment (d)	Remaining Life Expectancy X Annual Payment Relativity (e)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (7) / (2)	Current (f) Case O/S Loss & ALAE @ 6/30/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (9) / (2)	Average Annual Remaining Payment Relativity Based on Current Case O/S (g)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	81.07	4,977,578	90	55,504	0.644	53.52	0.660	11,275,952	139,089	0.943
1990	44.01	3,832,719	88	43,663	0.507	25.91	0.589	6,267,852	142,419	0.965
1991	95.53	10,394,833	112	93,035	1.080	104.17	1.090	16,994,792	177,900	1.206
1992	230.09	17,657,500	247	71,378	0.828	185.56	0.806	34,740,083	150,985	1.023
1993	198.76	19,326,107	206	93,652	1.087	139.74	0.703	26,667,984	134,172	0.910
1994	114.07	4,762,396	74	64,235	0.746	84.20	0.738	13,835,708	121,291	0.822
1995	142.61	12,082,762	121	99,783	1.158	159.73	1.120	22,298,457	156,360	1.060
1996	120.09	10,219,757	138	74,045	0.859	100.64	0.838	20,961,491	174,548	1.183
1997	244.88	12,914,034	171	75,375	0.875	170.10	0.695	31,675,893	129,353	0.877
1998	302.12	23,254,548	231	100,704	1.169	316.30	1.047	51,092,600	169,114	1.146
1999	62.48	5,413,448	58	93,239	1.082	67.57	1.082	13,684,785	219,027	1.485
2000	66.89	3,266,952	58	56,288	0.653	38.54	0.576	10,932,060	163,433	1.108
2001	114.36	7,710,846	68	113,062	1.312	144.68	1.265	21,554,825	188,482	1.278
2002	319.62	16,929,241	211	80,306	0.932	286.94	0.898	55,385,730	173,286	1.175
2003	53.85	5,111,235	46	110,969	1.288	70.60	1.311	11,661,831	216,561	1.468
2004	165.46	5,420,337	70	77,048	0.894	126.41	0.764	23,667,570	143,041	0.970
2005	183.39	8,381,052	96	87,139	1.011	119.02	0.649	26,743,041	145,826	0.989
2006	255.45	10,700,898	114	93,547	1.086	268.43	1.051	42,067,039	164,678	1.116
2007	146.03	11,684,081	84	139,728	1.622	231.21	1.583	28,984,794	198,485	1.345
2008	306.89	6,564,075	99	66,351	0.770	218.65	0.712	47,270,967	154,032	1.044
2009	328.64	9,096,652	102	88,774	1.030	333.20	1.014	54,833,485	166,850	1.131
2010	220.87	2,790,192	46	60,420	0.701	137.18	0.621	28,895,398	130,825	0.887
2011	326.64	6,015,653	81	74,359	0.863	271.84	0.832	47,177,786	144,434	0.979
2012	257.80	3,556,033	51	69,278	0.804	200.22	0.777	32,341,239	125,451	0.850
2013	172.53	6,016,540	47	126,851	1.472	240.61	1.395	25,558,605	148,140	1.004
2014	212.43	6,290,866	53	118,584	1.376	270.99	1.276	30,163,677	141,993	0.963
2015	394.15	5,809,830	47	123,116	1.429	565.95	1.436	54,267,262	137,682	0.933
2016	149.61	883,281	15	58,807	0.683	95.09	0.636	17,859,058	119,371	0.809
2017	220.80	2,115,552	20	107,443	1.247	277.43	1.256	23,582,163	106,803	0.724
2018	316.98	2,642,188	20	130,093	1.510	438.97	1.385	35,023,337	110,491	0.749
2019	205.00	1,883,346	8	224,743	2.609	551.29	2.689	25,497,167	124,376	0.843
2020										
2021										
Totals / Avg.	6,053.10	247,704,531	2,875	86,157				892,962,631	147,522	

Notes: (a) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (4).
(b) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (5).
(c) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (6).
(d) Based on column (5) divided by the average for all birth years.
(e) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (9).
(f) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (11).
(g) Based on column (10) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 6/30/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1989	13	7/24/1991	34.09	1,675,906	29.96	55,938	0.649	22.13		4,314,489	126,562	0.858
1989	16	8/19/1991	19.61	1,242,980	29.88	41,599	0.483	9.47		2,383,900	121,566	0.824
1989	17	9/6/1991	27.37	2,058,691	29.84	68,991	0.801	21.92		4,577,564	167,247	1.134
Subtotals / Avg. BY 1989:			81.07	4,977,578	89.68	55,504	0.644	53.52	0.660	11,275,952	139,089	0.943
1990	24	12/23/1991	18.87	1,830,742	29.54	61,975	0.719	13.57		3,231,034	171,226	1.161
1990	31	4/8/1992	16.74	1,708,957	29.25	58,426	0.678	11.35		2,656,942	158,718	1.076
1990	39	7/10/1992	8.40	293,020	28.99	10,108	0.117	0.99		379,876	45,223	0.307
Subtotals / Avg. BY 1990:			44.01	3,832,719	87.78	43,663	0.507	25.91	0.589	6,267,852	142,419	0.965
1991	28	3/5/1992	22.03	3,019,013	29.34	102,898	1.194	26.31		4,398,179	199,645	1.353
1991	75	9/22/1993	26.52	3,226,663	27.79	116,109	1.348	35.74		4,664,220	175,876	1.192
1991	76	10/6/1993	30.00	2,239,911	27.75	80,717	0.937	28.11		4,940,907	164,697	1.116
1991	112	9/1/1994	16.98	1,909,246	26.85	71,108	0.825	14.01		2,991,486	176,177	1.194
Subtotals / Avg. BY 1991:			95.53	10,394,833	111.73	93,035	1.080	104.17	1.090	16,994,792	177,900	1.206
1992	35	5/27/1992	43.30	1,084,300	29.11	37,248	0.432	18.72		4,963,744	114,636	0.777
1992	42	8/24/1992	17.46	2,521,625	28.87	87,344	1.014	17.70		3,048,850	174,619	1.184
1992	79	11/10/1993	23.58	2,843,736	27.65	102,848	1.194	28.15		4,230,193	179,398	1.216
1992	98	4/19/1994	27.33	2,179,159	27.22	80,057	0.929	25.39		4,728,646	173,020	1.173
1992	99	4/21/1994	31.98	1,369,513	27.21	50,331	0.584	18.68		3,866,949	120,918	0.820
1992	100	4/28/1994	16.84	577,576	27.19	21,242	0.247	4.15		2,286,925	135,803	0.921
1992	114	9/28/1994	25.46	3,512,047	26.77	131,193	1.523	38.77		4,252,409	167,023	1.132
1992	116	10/30/1994	19.60	1,911,515	26.68	71,646	0.832	16.30		3,664,035	186,941	1.267
1992	117	11/2/1994	24.54	1,658,029	26.68	62,145	0.721	17.70		3,698,333	150,706	1.022
Subtotals / Avg. BY 1992:			230.09	17,657,500	247.38	71,378	0.828	185.56	0.806	34,740,083	150,985	1.023
1993	86	1/24/1994	43.59	274,703	27.45	10,007	0.116	5.06		3,242,667	74,390	0.504
1993	140	2/27/1995	28.46	1,026,448	26.36	38,940	0.452	12.86		4,076,180	143,225	0.971
1993	152	4/5/1995	4.36	1,989,588	26.25	75,794	0.880	3.84		907,408	208,121	1.411
1993	158	5/10/1995	34.59	1,992,099	26.16	76,151	0.884	30.57		5,529,208	159,850	1.084
1993	162	6/7/1995	40.10	732,983	26.08	28,105	0.326	13.08		2,074,389	51,730	0.351
1993	177	9/6/1995	33.17	2,083,774	25.83	80,673	0.936	31.06		5,173,014	155,955	1.057
1993	185	11/28/1995	9.81	7,975,821	25.61	311,434	3.615	35.46		4,364,495	444,903	3.016
1993	277	11/23/1998	4.68	3,250,690	22.62	143,709	1.668	7.81		1,300,624	277,911	1.884
Subtotals / Avg. BY 1993:			198.76	19,326,107	206.36	93,652	1.087	139.74	0.703	26,667,984	134,172	0.910

Notes: (a) As provided by NICA management evaluated as of June 30, 2021.

(b) Number of years since date of claim as shown in column (3) to June 30, 2021.

(c) Based on column (7) divided by the average for all birth years.

(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 6/30/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1994	193	5/6/1996	34.39	1,604,795	25.17	63,758	0.740	25.45		4,798,620	139,535	0.946
1994	204	7/23/1996	41.59	677,446	24.95	27,152	0.315	13.11		2,530,572	60,846	0.412
1994	233	6/27/1997	38.09	2,480,155	24.02	103,254	1.198	45.65		6,506,516	170,820	1.158
Subtotals / Avg. BY 1994:			114.07	4,762,396	74.14	64,235	0.746	84.20	0.738	13,835,708	121,291	0.822
1995	210	9/23/1996	25.62	3,760,274	24.78	151,746	1.761	45.12		4,881,130	190,520	1.291
1995	219	2/6/1997	34.45	1,610,189	24.41	65,964	0.766	26.38		5,767,628	167,420	1.135
1995	225	3/30/1997	13.64	2,377,673	24.27	97,968	1.137	15.51		2,373,321	173,997	1.179
1995	231	6/9/1997	34.45	2,355,344	24.07	97,854	1.136	39.13		4,788,423	138,996	0.942
1995	245	12/12/1997	34.45	1,979,282	23.56	84,010	0.975	33.59		4,487,955	130,274	0.883
Subtotals / Avg. BY 1995:			142.61	12,082,762	121.09	99,783	1.158	159.73	1.120	22,298,457	156,360	1.060
1996	207	9/9/1996	34.50	1,633,814	24.82	65,827	0.764	26.36		6,734,051	195,190	1.323
1996	220	2/17/1997	32.13	2,093,399	24.38	85,865	0.997	32.02		5,235,845	162,958	1.105
1996	242	10/26/1997	14.17	3,013,714	23.69	127,215	1.477	20.92		2,882,678	203,435	1.379
1996	253	5/6/1998	4.52	608,694	23.17	26,271	0.305	1.38		768,000	169,911	1.152
1996	335	3/20/2000	8.85	2,241,851	21.29	105,301	1.222	10.82		1,538,860	173,883	1.179
1996	361	11/1/2000	25.92	628,285	20.67	30,396	0.353	9.14		3,802,058	146,684	0.994
Subtotals / Avg. BY 1996:			120.09	10,219,757	138.02	74,045	0.859	100.64	0.838	20,961,491	174,548	1.183
1997	252	5/1/1998	38.15	1,204,924	23.18	51,981	0.603	23.02		3,840,006	100,655	0.682
1997	260	7/13/1998	43.83	289,283	22.98	12,588	0.146	6.40		1,341,396	30,605	0.207
1997	263	9/2/1998	34.55	942,442	22.84	41,263	0.479	16.55		5,362,134	155,199	1.052
1997	276	11/13/1998	14.74	5,137,058	22.64	226,902	2.634	38.82		3,327,858	225,771	1.530
1997	297	6/10/1999	25.97	1,778,441	22.07	80,582	0.935	24.29		4,618,628	177,845	1.206
1997	402	10/4/2001	34.83	1,828,125	19.75	92,563	1.074	37.42		5,986,215	171,869	1.165
1997	431	7/11/2002	18.26	1,312,260	18.98	69,139	0.802	14.65		3,144,472	172,205	1.167
1997	433	8/15/2002	34.55	421,500	18.89	22,313	0.259	8.95		4,055,185	117,371	0.796
Subtotals / Avg. BY 1997:			244.88	12,914,034	171.33	75,375	0.875	170.10	0.695	31,675,893	129,353	0.877
1998	275	11/5/1998	17.03	1,974,917	22.67	87,116	1.011	17.22		2,465,193	144,756	0.981
1998	281	1/13/1999	34.88	2,590,627	22.48	115,241	1.338	46.65		7,458,679	213,838	1.450
1998	286	3/8/1999	37.03	1,183,823	22.33	53,015	0.615	22.79		5,265,398	142,193	0.964
1998	294	5/19/1999	40.31	2,564,865	22.13	115,900	1.345	54.23		7,168,916	177,845	1.206
1998	296	7/2/2003	34.88	274,115	18.01	15,220	0.177	6.16		3,718,197	106,600	0.723
1998	301	6/15/1999	34.88	1,649,056	22.06	74,753	0.868	30.26		5,265,838	150,970	1.023
1998	330	2/8/2000	8.42	4,540,674	21.41	212,082	2.462	20.73		2,392,971	284,201	1.927
1998	368	1/19/2001	34.59	1,574,911	20.46	76,975	0.893	30.90		4,652,047	134,491	0.912
1998	390	6/14/2001	26.02	2,694,908	20.06	134,342	1.559	40.57		5,172,333	198,783	1.347
1998	403	10/12/2001	29.51	2,416,010	19.73	122,454	1.421	41.94		6,599,855	223,648	1.516
1998	411	12/5/2001	4.57	1,790,642	19.58	91,453	1.061	4.85		933,173	204,195	1.384
Subtotals / Avg. BY 1998:			302.12	23,254,548	230.92	100,704	1.169	316.30	1.047	51,092,600	169,114	1.146

Notes: (a) As provided by NICA management evaluated as of June 30, 2021.

(b) Number of years since date of claim as shown in column (3) to June 30, 2021.

(c) Based on column (7) divided by the average for all birth years.

(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 6/30/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f) (13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1999	334	3/14/2000	25.77	2,151,288	21.31	100,952	1.172	30.20		6,072,704	235,650	1.597
1999	432	7/26/2002	17.05	1,868,166	18.94	98,636	1.145	19.52		4,192,940	245,920	1.667
1999	479	9/12/2003	19.66	1,393,994	17.81	78,270	0.908	17.86		3,419,141	173,914	1.179
Subtotals / Avg. BY 1999:			62.48	5,413,448	58.06	93,239	1.082	67.57	1.082	13,684,785	219,027	1.485
2000	383	4/19/2001	9.81	1,421,177	20.21	70,320	0.816	8.01		1,803,346	183,827	1.246
2000	423	5/22/2002	43.70	834,600	19.12	43,651	0.507	22.14		7,067,390	161,725	1.096
2000	440	10/18/2002	13.38	1,011,175	18.71	54,045	0.627	8.39		2,061,324	154,060	1.044
Subtotals / Avg. BY 2000:			66.89	3,266,952	58.04	56,288	0.653	38.54	0.576	10,932,060	163,433	1.108
2001	446	12/9/2002	18.46	2,332,661	18.57	125,614	1.458	26.91		4,538,966	245,881	1.667
2001	461	4/2/2003	34.71	1,295,082	18.26	70,925	0.823	28.57		5,592,255	161,114	1.092
2001	549	6/20/2005	35.04	1,502,718	16.04	93,686	1.087	38.10		5,673,155	161,905	1.098
2001	566	3/6/2006	26.15	2,580,386	15.33	168,323	1.954	51.09		5,750,448	219,902	1.491
Subtotals / Avg. BY 2001:			114.36	7,710,846	68.20	113,062	1.312	144.68	1.265	21,554,825	188,482	1.278
2002	445	11/21/2002	9.52	1,289,245	18.62	69,240	0.804	7.65		1,563,380	164,221	1.113
2002	467	5/27/2003	14.73	3,127,261	18.11	172,681	2.004	29.52		4,925,627	334,394	2.267
2002	468	6/12/2003	19.68	1,309,547	18.06	72,511	0.842	16.56		2,236,116	113,624	0.770
2002	498	3/12/2004	23.12	2,057,972	17.31	118,889	1.380	31.90		3,919,178	169,515	1.149
2002	504	4/22/2004	34.75	1,749,010	17.20	101,687	1.180	41.01		6,952,611	200,075	1.356
2002	522	10/22/2004	17.68	788,917	16.70	47,241	0.548	9.69		3,510,259	198,544	1.346
2002	534	1/27/2005	25.86	1,160,648	16.43	70,642	0.820	21.20		6,445,408	249,242	1.690
2002	538	3/15/2005	26.19	1,338,535	16.30	82,119	0.953	24.96		4,376,662	167,112	1.133
2002	552	9/16/2005	8.64	265,089	15.80	16,778	0.195	1.68		349,868	40,494	0.274
2002	598	3/21/2007	45.32	1,042,300	14.29	72,939	0.847	38.37		5,099,241	112,516	0.763
2002	605	5/14/2007	22.43	1,170,979	14.14	82,813	0.961	21.56		5,523,172	246,240	1.669
2002	611	7/5/2007	27.60	1,237,018	14.00	88,358	1.026	28.31		4,955,084	179,532	1.217
2002	617	8/27/2007	44.10	392,721	13.85	28,355	0.329	14.51		5,529,124	125,377	0.850
Subtotals / Avg. BY 2002:			319.62	16,929,241	210.81	80,306	0.932	286.94	0.898	55,385,730	173,286	1.175
2003	551	7/29/2005	17.10	907,506	15.93	56,968	0.661	11.31		3,755,982	219,648	1.489
2003	562	1/25/2006	19.65	1,981,923	15.44	128,363	1.490	29.28		3,786,436	192,694	1.306
2003	583	10/25/2006	17.10	2,221,807	14.69	151,246	1.755	30.02		4,119,412	240,901	1.633
Subtotals / Avg. BY 2003:			53.85	5,111,235	46.06	110,969	1.288	70.60	1.311	11,661,831	216,561	1.468

Notes: (a) As provided by NICA management evaluated as of June 30, 2021.

(b) Number of years since date of claim as shown in column (3) to June 30, 2021.

(c) Based on column (7) divided by the average for all birth years.

(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 6/30/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f) (13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2004	525	1/29/2007	34.83	801,982	14.43	55,577	0.645	22.47		4,473,233	128,430	0.871
2004	555	11/14/2005	18.97	2,104,192	15.64	134,539	1.562	29.62		4,263,968	224,774	1.524
2004	560	12/19/2005	34.44	1,401,624	15.54	90,195	1.047	36.05		3,100,509	90,026	0.610
2004	665	2/13/2009	43.87	348,896	12.38	28,182	0.327	14.35		3,856,814	87,915	0.596
2004	666	2/23/2009	33.35	763,644	12.36	61,783	0.717	23.92		7,973,045	239,072	1.621
Subtotals / Avg. BY 2004:			165.46	5,420,337	70.35	77,048	0.894	126.41	0.764	23,667,570	143,041	0.970
2005	569	3/14/2006	35.24	896,459	15.31	58,554	0.680	23.95		5,009,117	142,143	0.964
2005	588	12/4/2006	33.36	1,132,145	14.58	77,651	0.901	30.07		6,740,344	202,049	1.370
2005	592	1/26/2007	43.92	576,998	14.44	39,958	0.464	20.37		4,976,560	113,310	0.768
2005	619	9/28/2007	4.58	2,517,621	13.76	182,967	2.124	9.73		1,119,178	244,362	1.656
2005	632	2/6/2008	13.69	1,316,175	13.41	98,149	1.139	15.60		2,624,986	191,745	1.300
2005	649	8/26/2008	47.86	266,629	12.85	20,749	0.241	11.53		4,123,185	86,151	0.584
2005	687	9/4/2009	4.74	1,675,026	11.83	141,591	1.643	7.79		2,149,670	453,517	3.074
Subtotals / Avg. BY 2005:			183.39	8,381,052	96.18	87,139	1.011	119.02	0.649	26,743,041	145,826	0.989
2006	587	11/27/2006	14.73	1,311,246	14.60	89,811	1.042	15.35		3,043,150	206,595	1.400
2006	606	5/29/2007	19.69	1,174,488	14.10	83,297	0.967	19.04		3,715,826	188,716	1.279
2006	646	8/20/2008	43.97	1,030,402	12.87	80,062	0.929	40.86		6,329,905	143,960	0.976
2006	648	8/26/2008	26.01	3,714,986	12.85	289,104	3.356	87.28		8,511,657	327,246	2.218
2006	651	9/26/2008	46.52	1,184,805	12.77	92,780	1.077	50.10		5,598,344	120,343	0.816
2006	661	12/23/2008	14.20	657,781	12.53	52,497	0.609	8.65		2,256,779	158,928	1.077
2006	664	1/26/2009	20.00	468,092	12.43	37,658	0.437	8.74		3,334,120	166,706	1.130
2006	694	10/28/2009	26.36	795,337	11.68	68,094	0.790	20.83		4,127,662	156,588	1.061
2006	739	12/9/2010	43.97	363,760	10.56	34,447	0.400	17.58		5,149,597	117,116	0.794
Subtotals / Avg. BY 2006:			255.45	10,700,898	114.39	93,547	1.086	268.43	1.051	42,067,039	164,678	1.116
2007	644	7/10/2008	9.43	2,297,041	12.98	176,968	2.054	19.37		2,151,135	228,116	1.546
2007	655	10/14/2008	9.84	1,202,785	12.72	94,559	1.098	10.80		1,382,696	140,518	0.953
2007	667	2/24/2009	23.90	1,357,015	12.35	109,880	1.275	30.48		4,581,565	191,697	1.299
2007	672	4/10/2009	44.37	1,831,986	12.23	149,794	1.739	77.14		8,944,869	201,597	1.367
2007	679	7/30/2009	13.72	2,783,091	11.93	233,285	2.708	37.15		3,508,380	255,713	1.733
2007	708	2/23/2010	9.43	1,091,054	11.36	96,043	1.115	10.51		1,880,829	199,452	1.352
2007	757	6/15/2011	35.34	1,121,109	10.05	111,553	1.295	45.76		6,535,320	184,927	1.254
Subtotals / Avg. BY 2007:			146.03	11,684,081	83.62	139,728	1.622	231.21	1.583	28,984,794	198,485	1.345

Notes: (a) As provided by NICA management evaluated as of June 30, 2021.

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(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 6/30/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f) (13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2008	663	1/21/2009	23.79	108,010	12.45	8,676	0.101	2.40		499,909	21,013	0.142
2008	671	4/3/2009	35.40	1,087,017	12.25	88,736	1.030	36.46		4,669,340	131,902	0.894
2008	684	8/19/2009	26.46	1,566,081	11.87	131,936	1.531	40.52		4,502,274	170,154	1.153
2008	705	2/8/2010	46.58	284,339	11.40	24,942	0.289	13.48		4,956,912	106,417	0.721
2008	710	2/23/2010	46.58	282,191	11.36	24,841	0.288	13.43		4,918,309	105,588	0.716
2008	718	6/1/2010	26.11	1,907,091	11.09	171,965	1.996	52.11		7,000,665	268,122	1.818
2008	732	10/5/2010	44.08	445,775	10.74	41,506	0.482	21.24		9,606,284	217,928	1.477
2008	771	8/30/2011	19.66	318,232	9.84	32,341	0.375	7.38		4,794,744	243,883	1.653
2008	848	7/29/2013	38.23	565,338	7.93	71,291	0.827	31.63		6,322,531	165,381	1.121
Subtotals / Avg. BY 2008:			306.89	6,564,075	98.93	66,351	0.770	218.65	0.712	47,270,967	154,032	1.044
2009	680	8/3/2009	43.20	1,051,663	11.92	88,227	1.024	44.24		6,733,631	155,871	1.057
2009	715	4/29/2010	26.95	1,169,995	11.18	104,651	1.215	32.73		5,537,250	205,464	1.393
2009	716	5/3/2010	52.79	822,883	11.17	73,669	0.855	45.14		6,697,819	126,877	0.860
2009	721	6/14/2010	19.13	974,817	11.05	88,219	1.024	19.59		3,812,794	199,310	1.351
2009	731	9/17/2010	26.95	646,745	10.79	59,939	0.696	18.75		5,650,846	209,679	1.421
2009	744	2/16/2011	28.61	901,169	10.38	86,818	1.008	28.83		6,206,038	216,918	1.470
2009	772	9/6/2011	29.57	736,028	9.82	74,952	0.870	25.72		5,930,913	200,572	1.360
2009	773	9/6/2011	45.62	262,689	9.82	26,750	0.310	14.16		4,249,231	93,144	0.631
2009	800	6/27/2012	27.21	1,035,224	9.01	114,897	1.334	36.29		5,025,439	184,691	1.252
2009	883	3/3/2014	28.61	1,495,439	7.33	204,016	2.368	67.75		4,989,524	174,398	1.182
Subtotals / Avg. BY 2009:			328.64	9,096,652	102.47	88,774	1.030	333.20	1.014	54,833,485	166,850	1.131
2010	750	3/30/2011	32.68	1,217,157	10.26	118,631	1.377	45.00		7,493,800	229,308	1.554
2010	754	5/23/2011	54.30	482,731	10.11	47,748	0.554	30.09		5,911,989	108,876	0.738
2010	807	9/26/2012	45.40	193,554	8.76	22,095	0.256	11.64		4,688,068	103,261	0.700
2010	822	12/18/2012	36.90	625,690	8.54	73,266	0.850	31.38		5,856,747	158,719	1.076
2010	824	12/28/2012	51.59	271,060	8.51	31,852	0.370	19.07		4,944,794	95,848	0.650
Subtotals / Avg. BY 2010:			220.87	2,790,192	46.18	60,420	0.701	137.18	0.621	28,895,398	130,825	0.887
2011	777	9/30/2011	28.18	1,037,555	9.76	106,307	1.234	34.77		5,273,439	187,134	1.269
2011	784	2/2/2012	27.47	507,985	9.41	53,984	0.627	17.21		4,921,413	179,156	1.214
2011	808	10/9/2012	27.75	1,169,619	8.73	133,977	1.555	43.15		5,554,823	200,174	1.357
2011	811	10/17/2012	46.68	679,376	8.71	78,000	0.905	42.26		7,883,849	168,891	1.145
2011	812	10/17/2012	36.54	394,701	8.71	45,316	0.526	19.22		6,063,534	165,942	1.125
2011	816	11/15/2012	10.00	406,092	8.63	47,056	0.546	5.46		1,277,955	127,796	0.866
2011	887	3/26/2014	46.68	588,995	7.27	81,017	0.940	43.89		4,981,765	106,722	0.723
2011	898	6/6/2014	46.68	403,722	7.07	57,104	0.663	30.94		5,806,165	124,382	0.843
2011	927	12/29/2014	47.32	303,658	6.51	46,645	0.541	25.62		3,649,711	77,128	0.523
2011	952	5/28/2015	9.34	523,949	6.10	85,893	0.997	9.31		1,765,133	188,986	1.281
Subtotals / Avg. BY 2011:			326.64	6,015,653	80.90	74,359	0.863	271.84	0.832	47,177,786	144,434	0.979

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(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 6/30/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2012	802	8/29/2012	37.21	706,524	8.84	79,924	0.928	34.52		7,622,695	204,856	1.389
2012	803	8/29/2012	14.75	787,663	8.84	89,102	1.034	15.25		1,497,415	101,520	0.688
2012	875	1/9/2014	46.37	290,014	7.48	38,772	0.450	20.87		3,440,904	74,205	0.503
2012	896	5/7/2014	52.95	302,929	7.15	42,368	0.492	26.04		4,891,311	92,376	0.626
2012	938	2/24/2015	49.32	706,419	6.35	111,247	1.291	63.68		5,137,284	104,162	0.706
2012	939	2/25/2015	28.79	183,543	6.35	28,904	0.335	9.66		5,065,712	175,954	1.193
2012	942	3/9/2015	28.41	578,940	6.32	91,604	1.063	30.21		4,685,919	164,939	1.118
Subtotals / Avg. BY 2012:			257.80	3,556,033	51.33	69,278	0.804	200.22	0.777	32,341,239	125,451	0.850
2013	830	2/24/2013	9.59	1,061,366	8.35	127,110	1.475	14.15		1,703,578	177,641	1.204
2013	856	9/6/2013	24.62	701,767	7.82	89,740	1.042	25.64		4,737,281	192,416	1.304
2013	888	4/10/2014	28.33	682,307	7.23	94,372	1.095	31.03		3,940,252	139,084	0.943
2013	934	1/27/2015	23.70	1,054,899	6.43	164,059	1.904	45.13		3,943,581	166,396	1.128
2013	935	2/6/2015	19.19	944,915	6.40	147,643	1.714	32.88		3,625,345	188,918	1.281
2013	947	4/29/2015	19.09	1,099,730	6.18	177,950	2.065	39.43		2,925,655	153,256	1.039
2013	987	6/22/2016	48.01	471,556	5.02	93,936	1.090	52.34		4,682,913	97,540	0.661
Subtotals / Avg. BY 2013:			172.53	6,016,540	47.43	126,851	1.472	240.61	1.395	25,558,605	148,140	1.004
2014	908	7/30/2014	14.76	1,290,882	6.92	186,544	2.165	31.96		3,050,014	206,641	1.401
2014	913	8/20/2014	29.15	387,577	6.87	56,416	0.655	19.09		3,381,680	116,010	0.786
2014	931	1/20/2015	14.32	874,983	6.45	135,656	1.575	22.55		2,253,687	157,380	1.067
2014	949	5/1/2015	19.46	485,199	6.17	78,638	0.913	17.76		1,642,359	84,397	0.572
2014	955	6/26/2015	19.69	1,093,251	6.02	181,603	2.108	41.50		4,266,015	216,659	1.469
2014	970	1/8/2016	28.77	763,746	5.48	139,370	1.618	46.54		4,114,744	143,022	0.969
2014	978	3/14/2016	38.37	288,498	5.30	54,434	0.632	24.24		4,720,611	123,029	0.834
2014	992	7/11/2016	28.71	784,823	4.97	157,912	1.833	52.62		4,610,504	160,589	1.089
2014	998	8/19/2016	19.20	321,908	4.87	66,100	0.767	14.73		2,124,062	110,628	0.750
Subtotals / Avg. BY 2014:			212.43	6,290,866	53.05	118,584	1.376	270.99	1.276	30,163,677	141,993	0.963
2015	972	2/12/2016	38.88	443,270	5.38	82,392	0.956	37.18		7,538,683	193,896	1.314
2015	981	4/29/2016	20.52	974,358	5.17	188,464	2.187	44.89		3,533,997	172,222	1.167
2015	1000	8/30/2016	10.00	434,604	4.84	89,794	1.042	10.42		2,265,646	226,565	1.536
2015	1030	5/9/2017	49.37	500,756	4.15	120,664	1.401	69.14		5,577,975	112,983	0.766
2015	1032	6/15/2017	38.98	272,329	4.04	67,408	0.782	30.50		4,615,230	118,400	0.803
2015	1035	6/21/2017	9.84	192,121	4.03	47,673	0.553	5.44		1,560,691	158,607	1.075
2015	1042	7/31/2017	39.44	524,899	3.92	133,903	1.554	61.30		6,056,370	153,559	1.041
2015	1062	12/4/2017	38.98	397,938	3.57	111,467	1.294	50.43		3,851,593	98,809	0.670
2015	1070	2/27/2018	29.14	1,004,989	3.34	300,895	3.492	101.77		5,030,395	172,629	1.170
2015	1077	5/14/2018	29.14	383,683	3.13	122,582	1.423	41.46		3,035,568	104,172	0.706
2015	1124	4/18/2019	9.86	199,174	2.20	90,534	1.051	10.36		2,263,489	229,563	1.556
2015	1128	5/31/2019	30.00	397,316	2.08	191,017	2.217	66.51		3,078,964	102,632	0.696
2015	1171	2/27/2020	50.00	84,396	1.34	62,982	0.731	36.55		5,858,659	117,173	0.794
Subtotals / Avg. BY 2015:			394.15	5,809,830	47.19	123,116	1.429	565.95	1.436	54,267,262	137,682	0.933

Notes: (a) As provided by NICA management evaluated as of June 30, 2021.

(b) Number of years since date of claim as shown in column (3) to June 30, 2021.

(c) Based on column (7) divided by the average for all birth years.

(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 6/30/21	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2016	1038	7/21/2017	20.00	437,111	3.95	110,661	1.284	25.69		2,059,094	102,955	0.698
2016	1055	10/13/2017	30.00	31,177	3.72	8,381	0.097	2.92		3,218,964	107,299	0.727
2016	1079	6/8/2018	29.61	114,804	3.06	37,518	0.435	12.89		3,279,143	110,744	0.751
2016	1125	4/17/2019	50.00	133,032	2.21	60,196	0.699	34.93		7,090,945	141,819	0.961
2016	1129	6/3/2019	20.00	167,157	2.08	80,364	0.933	18.66		2,210,912	110,546	0.749
Subtotals / Avg. BY 2016:			149.61	883,281	15.02	58,807	0.683	95.09	0.636	17,859,058	119,371	0.809
2017	1065	1/23/2018	20.29	171,512	3.44	49,858	0.579	11.74		2,079,061	102,467	0.695
2017	1094	9/12/2018	30.11	189,573	2.80	67,704	0.786	23.66		3,030,241	100,639	0.682
2017	1097	9/25/2018	15.00	560,638	2.76	203,130	2.358	35.36		3,137,119	209,141	1.418
2017	1102	11/19/2018	20.34	117,629	2.61	45,069	0.523	10.64		2,119,569	104,207	0.706
2017	1111	12/26/2018	50.00	263,996	2.51	105,178	1.221	61.04		3,749,208	74,984	0.508
2017	1117	2/14/2019	30.06	407,078	2.38	171,041	1.985	59.68		4,289,521	142,699	0.967
2017	1151	11/7/2019	40.00	175,341	1.65	106,267	1.233	49.34		3,691,731	92,293	0.626
2017	1162	12/16/2019	15.00	229,785	1.54	149,211	1.732	25.98		1,485,713	99,048	0.671
Subtotals / Avg. BY 2017:			220.80	2,115,552	19.69	107,443	1.247	277.43	1.256	23,582,163	106,803	0.724
2018	1096	9/21/2018	20.75	531,124	2.78	191,052	2.217	46.01		2,374,824	114,449	0.776
2018	1104	12/10/2018	30.48	160,050	2.56	62,520	0.726	22.12		3,881,891	127,359	0.863
2018	1109	12/13/2018	50.00	321,790	2.55	126,192	1.465	73.23		5,867,457	117,349	0.795
2018	1113	1/28/2019	20.75	423,921	2.42	175,174	2.033	42.19		1,798,832	86,691	0.588
2018	1122	4/1/2019	30.00	268,027	2.25	119,123	1.383	41.48		3,181,603	106,053	0.719
2018	1136	8/23/2019	40.00	18,596	1.85	10,052	0.117	4.67		3,383,020	84,575	0.573
2018	1153	11/8/2019	20.00	327,749	1.64	199,847	2.320	46.39		1,992,282	99,614	0.675
2018	1157	11/12/2019	40.00	267,093	1.63	163,861	1.902	76.08		4,245,435	106,136	0.719
2018	1160	12/13/2019	25.00	215,941	1.55	139,317	1.617	40.42		4,447,911	177,916	1.206
2018	1185	6/1/2020	40.00	107,897	1.08	99,905	1.160	46.38		3,850,082	96,252	0.652
Subtotals / Avg. BY 2018:			316.98	2,642,188	20.31	130,093	1.510	438.97	1.385	35,023,337	110,491	0.749
2019	1152	11/12/2019	50.00	388,053	1.63	238,069	2.763	138.16		6,016,735	120,335	0.816
2019	1158	11/12/2019	40.00	392,787	1.63	240,974	2.797	111.88		3,730,865	93,272	0.632
2019	1161	12/13/2019	25.00	233,252	1.55	150,485	1.747	43.67		2,353,714	94,149	0.638
2019	1166	1/24/2020	30.00	253,126	1.43	177,011	2.055	61.64		4,350,209	145,007	0.983
2019	1178	4/20/2020	30.00	404,140	1.19	339,613	3.942	118.25		6,051,138	201,705	1.367
2019	1190	7/20/2020	30.00	211,988	0.95	223,145	2.590	77.70		2,994,505	99,817	0.677
Subtotals / Avg. BY 2019:			205.00	1,883,346	8.38	224,743	2.609	551.29	2.689	25,497,167	124,376	0.843
Totals / Averages:			6,053.10	247,704,531	2,875.02	86,157				892,962,631	147,522	

Notes: (a) As provided by NICA management evaluated as of June 30, 2021.

(b) Number of years since date of claim as shown in column (3) to June 30, 2021.

(c) Based on column (7) divided by the average for all birth years.

(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

A. Adjustment for Life Expectancy (a) **1.235**

Birth Year	Accepted Claim Counts AAA with life expectancy			Average Life Expectancy				After (a) Adjustment Selected
	Reported Counts (b)	Ultimate Counts (c)	IBNR (3) - (2)	Actual Birth Year	All Birth Years	Indicated (d)	Selected (e)	Remaining Life Expectancy (8) x A
						Average Life Expectancy	Average Life Expectancy	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989				27.02			27.02	33.37
1990				14.67			14.67	18.12
1991				23.88			23.88	29.49
1992				25.57			25.57	31.58
1993				24.85			24.85	30.69
1994				38.02			38.02	46.95
1995				28.52			28.52	35.22
1996				20.02			20.02	24.72
1997				30.61			30.61	37.80
1998				27.47			27.47	33.93
1999				20.83			20.83	25.73
2000				22.30			22.30	27.54
2001				28.59			28.59	35.31
2002				24.59			24.59	30.37
2003				17.95			17.95	22.17
2004				33.09			33.09	40.87
2005				26.20			26.20	32.36
2006				28.38			28.38	35.05
2007				20.86			20.86	25.76
2008				34.10			34.10	42.11
2009				32.86			32.86	40.58
2010				44.17			44.17	54.55
2011				32.66			32.66	40.34
2012				36.83			36.83	45.49
2013				24.65			24.65	30.44
2014				23.60			23.60	29.15
2015				30.32			30.32	37.45
2016	5	6	1	29.92	28.42	29.67	30.00	37.05
2017	8	14	6	27.60	28.42	27.95	28.00	34.58
2018	10	17	7	31.70	28.42	30.35	31.00	38.29
2019	6	16	10	34.17	28.42	30.58	31.00	38.29
2020	-	14	14	-	28.42	28.42	29.00	35.82
2021	-	7	7	-	28.42	28.42	29.00	35.82

Notes: (a) Final selected remaining life expectancy estimated to include consideration of increased life expectancy over time by 0.2 per year.
(b) Based on AAA claims with life expectancy.
(c) See Exhibit X, Sheet 1a, Column (10) minus Column (3).
(d) Based on the formula: $\{[(5) \times (2)] + [(6) \times (4)]\} / (3)$.
(e) For birth years 2015 and prior, it is based on actual average remaining life expectancy by birth year as shown in column (5). For birth years 2016 and subsequent, see column (7).

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of June 30, 2021

	Additional Payments @ 6/30/21	Before Discount		Additional Amount After Discount		
		Case	IBNR & Bulk	Case	IBNR & Bulk	Total
		Reserves	Reserves	Reserves	Reserves	Reserves
	(2)	(3)	(4)	(5)	(6)	(7)
I. Additional Parental Award - All Open Accepted and Unreported (a)	25,800,000	8,400,000	4,050,000	8,400,000	4,050,000	12,450,000
II. Death Benefit - Related to SB 1786 (a)	250,102	20,140,010	1,350,000	12,112,946	379,853	12,492,799
III. Housing Assistance Up to \$ 100,000 for Life of Child - Applied to Open Accepted and Unreported (b)	-	-	19,704,266	-	19,704,266	19,704,266
IV. Mental Health \$10,000 Per Family (b)	-	-	45,625,596	-	19,466,210	19,466,210
V. Transportation (c)	-	-	50,512,040	-	37,172,490	37,172,490
Subtotals: Items I. to V.	26,050,102	28,540,010	121,241,902	20,512,946	80,772,820	101,285,766

Notes: (a) See Appendix F, Exhibit II, Sheet 1.
(b) See Appendix F, Exhibit II, Sheet 2.
(c) See Appendix F, Exhibit II, Sheet 3.

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of June 30, 2021**I. Additional Parental Award - All Open Accepted and Unreported**

1. Incurred Loss @ 6/30/21	34,200,000
2. Paid Loss @ 6/30/21	25,800,000
3. Case Outstanding Loss (1) - (2)	8,400,000
4. Unreported Loss (IBNR)	
A. Number of Unreported Open Accepted Claims (a)	27
B. Additional Burial Award per claim (b)	150,000
C. Unreported Loss - Before Discount (4A) x (4B)	4,050,000
5. Total (Case + IBNR) Outstanding Loss (3) + (4)	12,450,000

II. Death Benefit - Related to SB 1786

1. Incurred Loss @ 6/30/21	
A. Open Accepted Claims	11,170,000
B. Deceased Claims	9,220,112
C. Combined	20,390,112
2. Paid Loss @ 6/30/21	
A. Open Accepted Claims	0
B. Deceased Claims	250,102
C. Combined	250,102
3. Case Outstanding Loss @ 6/30/21 - Before Discount	
A. Open Accepted Claims	11,170,000
B. Deceased Claims	8,970,010
C. Combined	20,140,010
4. Unreported Loss (IBNR) - Before Discount	
A. Number of Unreported Open Accepted Claims (a)	27
B. Additional Burial Award per claim	50,000
C. Unreported Loss - Before Discount (4A) x (4B)	1,350,000
5. Discount Factor (5 %) Applied to Open Accepted and Unreported Claims (c)	0.28137
6. Case Outstanding Loss @ 6/30/21 - After Discount [(3A) x (5)] + (3B)	12,112,946
7. Unreported Loss (IBNR) - After Discount (4C) x (5)	379,853
8. Total Outstanding Loss (Case + IBNR) - After Discount (6) + (7)	12,492,799

Notes: (a) Based on unreported accepted AAA claims as of June 30, 2021

(b) Incremental increase in Parental award from \$ 100,000 to \$ 250,000.

(c) Estimated average discounted value for current alive claimants. Based on estimated remaining life expectancy for current NICA claimants - (reported and unreported).

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of June 30, 2021

III. Housing Assistance Up to \$ 100,000 for Life of Child - Applied to Open Accepted and Unreported

1. Open Accepted and Unreported Claims	260
2. Maximum Housing Assistance - Per Open Claimant	100,000
3. Total Housing Assistance Expense on Open and Unreported (1) x (2)	26,000,000
4. Current NICA Incurred for Open Claimants with Worksheets	6,295,734
5. Additional NICA Reserve - Portion Not Recorded (3) - (4)	19,704,266

IV. Mental Health Benefit \$10,000 Per Family

1. Total Life Expectancy - All Open Accepted With Worksheets (a)	6,053.10
2. Estimated Mortality Development - Longitudinal vs. Cross Sectional (b)	1.235
3. Estimated Life Expectancy on All Open Accepted Claims - After Adjustment (1) x (2)	7,475.58
4. Number of Open Claims With Worksheets (a)	213
5. Indicated Average Remaining Life Expectancy - All Birth Years	35.10
6. Estimated Unreported (AAA) Claims + AAA Reported Without Worksheets	47
7. Estimated Remaining LE on Unreported Claims & Without Worksheets	1,649.54
8. Total Remaining Life Expectancy - Open + Unreported	9,125.12
9. Benefit per Family Per Year -Maximum - Before Inflation	10,000
10. Assumed Percent Used	0.50
11. Total Indicated O/S - Before Inflation / Discount (8) x (9) x (10)	45,625,596
12. Discount Factors	
A. Assuming Benefit Amount Inflates at 3.5% and Discount of 5.0 % per Annum (c)	0.73591
B. Assuming Benefit Amount is Fixed and Discounted at 5 % (c)	0.42665
13. Discounted Value of Additional Benefit	
A. Assuming Benefit Amount Inflates at 3.5% and Discount of 5.0 % per Annum (11) x (12A)	33,576,491
B. Assuming Benefit Amount is Fixed and Discounted at 5 % (11) x (12B)	19,466,210

Notes: (a) Based on individual claimant worksheets as of June 30, 2021

(b) Based on the review of NICA mortality information and an assumed improvement in overall NICA average life expectancy of .20 years per year. Overall average mortality has improved at the rate of 30 years of .30 years per year on average over the latest 100 years.

(c) See Appendix F, Exhibit IV, Sheet 2b.

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of June 30, 2021

V. Transportation

1. Assumed Vehicle Cost (Current) Every Seven Years - Current Cost	50,000
2. Assumed Vehicle Cost (Current) - Annualized (1) / 7	7,143
3. Annual Maintenance Cost - Gas Insurance Etc.	3,500
4. Annual Vehicle Cost - Including Maintenance (2) + (3)	10,643
5. Total Life Expectancy - Open Accepted & Unreported	9,125.12
6. Indicated (Current) Total Vehicle Cost (4) x (5)	97,118,645
7. Current Case Reserves included in Reserve Worksheets	46,606,605
8. Additional Current Cost Reserves (6) - (7)	50,512,040
9. Inflation / Discount Factors - Average All BY's (a)	0.73591
10. Additional Amount Over Current NICA Reserve Estimate (8) x (9)	37,172,490

Notes: (a) See Appendix F, Exhibit IV, Sheet 2b.

Parental Award, Death Benefit, Housing Assistance, Mental Health, and Transportation (a)

Birth Year	Additional Payments @ 6/30/21	Before Discount		Additional Amount After Discount		
		Case Outstanding	IBNR & Bulk	Case Outstanding	IBNR & Bulk	Total Outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	490,000	690,000	1,020,910	582,206	651,940	1,234,146
1990	450,000	460,000	863,624	352,206	606,965	959,171
1991	300,000	700,000	1,441,038	556,275	951,470	1,507,744
1992	1,350,000	690,000	3,589,484	366,618	2,377,071	2,743,689
1993	1,250,000	670,000	3,290,903	382,549	2,193,380	2,575,929
1994	450,000	750,000	1,648,460	642,206	1,050,743	1,692,949
1995	750,000	550,000	2,236,160	370,343	1,459,169	1,829,512
1996	600,000	1,100,000	1,924,990	884,412	1,301,682	2,186,094
1997	750,000	1,290,000	3,744,892	1,002,549	2,445,345	3,447,895
1998	1,650,000	840,000	3,849,178	444,755	2,456,120	2,900,875
1999	450,000	850,010	844,513	742,216	556,520	1,298,735
2000	300,000	740,000	1,017,737	632,206	668,347	1,300,553
2001	600,000	610,000	1,627,034	466,275	1,052,260	1,518,534
2002	1,690,034	1,280,000	4,676,512	812,892	3,076,277	3,889,169
2003	450,000	420,000	623,484	312,206	411,451	723,657
2004	600,000	680,000	1,982,794	500,343	1,235,617	1,735,960
2005	900,000	740,000	2,586,470	488,481	1,682,458	2,170,939
2006	1,050,000	910,000	3,827,765	586,618	2,503,370	3,089,987
2007	940,000	700,000	1,538,819	448,481	982,967	1,431,448
2008	790,034	1,090,000	4,667,565	766,618	3,023,155	3,789,773
2009	1,350,000	930,000	3,979,896	570,686	2,478,195	3,048,881
2010	450,000	830,000	3,449,431	650,343	2,209,118	2,859,462
2011	1,050,000	1,110,000	5,402,837	750,686	3,537,099	4,287,785
2012	750,000	810,000	3,979,980	558,481	2,566,004	3,124,485
2013	1,050,000	510,000	2,450,900	258,481	1,603,573	1,862,054
2014	1,200,000	760,000	2,608,367	436,618	1,680,231	2,116,849
2015	1,350,000	1,870,000	6,036,433	1,345,402	3,874,181	5,219,584
2016	340,034	970,000	2,985,713	790,343	1,992,971	2,783,314
2017	900,000	1,580,000	7,069,456	1,177,569	4,778,452	5,956,021
2018	1,200,000	1,930,000	9,215,134	1,455,706	6,207,730	7,663,436
2019	600,000	1,100,000	10,032,080	826,922	6,924,870	7,751,792
2020	-	380,000	11,086,228	351,255	7,937,301	8,288,556
2021 (6 Mo)	-	-	5,943,114	-	4,296,788	4,296,788
Totals:	26,050,102	28,540,010	121,241,902	20,512,946	80,772,820	101,285,766

Notes: (a) See Appendix F, Exhibit III, Sheets 2a through 2e.

Additional Parental Award

Birth Year	Unreported Accepted Claim Cts. AAA Only @ 6/30/21	Additional Paid Loss	Additional Incurred Loss	Case O/S Loss (4) - (3)	Unreported Loss (2) x 150K	Total Outstanding Loss (5) + (6)
-----	-----	-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	-	450,000	450,000	-	-	-
1990	-	450,000	450,000	-	-	-
1991	-	300,000	600,000	300,000	-	300,000
1992	-	1,350,000	1,350,000	-	-	-
1993	-	1,200,000	1,200,000	-	-	-
1994	-	450,000	450,000	-	-	-
1995	-	750,000	750,000	-	-	-
1996	-	600,000	900,000	300,000	-	300,000
1997	-	750,000	1,200,000	450,000	-	450,000
1998	-	1,650,000	1,650,000	-	-	-
1999	-	450,000	450,000	-	-	-
2000	-	300,000	450,000	150,000	-	150,000
2001	-	600,000	600,000	-	-	-
2002	-	1,650,000	1,950,000	300,000	-	300,000
2003	-	450,000	450,000	-	-	-
2004	-	600,000	750,000	150,000	-	150,000
2005	-	900,000	1,050,000	150,000	-	150,000
2006	-	1,050,000	1,350,000	300,000	-	300,000
2007	-	900,000	1,050,000	150,000	-	150,000
2008	-	750,000	1,350,000	600,000	-	600,000
2009	-	1,350,000	1,500,000	150,000	-	150,000
2010	-	450,000	750,000	300,000	-	300,000
2011	-	1,050,000	1,500,000	450,000	-	450,000
2012	-	750,000	1,050,000	300,000	-	300,000
2013	-	1,050,000	1,050,000	-	-	-
2014	-	1,200,000	1,350,000	150,000	-	150,000
2015	-	1,350,000	2,250,000	900,000	-	900,000
2016	1	300,000	900,000	600,000	150,000	750,000
2017	1	900,000	1,800,000	900,000	150,000	1,050,000
2018	2	1,200,000	2,100,000	900,000	300,000	1,200,000
2019	6	600,000	1,200,000	600,000	900,000	1,500,000
2020	10	-	300,000	300,000	1,500,000	1,800,000
2021 (6 Mo)	7	-	-	-	1,050,000	1,050,000
Totals:	27	25,800,000	34,200,000	8,400,000	4,050,000	12,450,000

Death Benefit - Related to SB 1786

Birth Year	Unreported Accepted Claim Cts. AAA Only @ 6/30/21	Paid Loss on Deceased	Before Discount						After Discount		
			Incurred Loss -----		Case Reserves		Unreported Reserves (2) x 50K	Discount Factor	Case Reserves (6)+[(7)x(9)]	Unreported Reserves (8) x (9)	Total Outstanding Reserves (10) + (11)
					Deceased (4) - (3)	Open Col. (5)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1989	-	40,000	580,000	150,000	540,000	150,000	-	0.28137	582,206	-	582,206
1990	-	-	310,000	150,000	310,000	150,000	-	0.28137	352,206	-	352,206
1991	-	-	200,000	200,000	200,000	200,000	-	0.28137	256,275	-	256,275
1992	-	-	240,000	450,000	240,000	450,000	-	0.28137	366,618	-	366,618
1993	-	50,000	320,000	400,000	270,000	400,000	-	0.28137	382,549	-	382,549
1994	-	-	600,000	150,000	600,000	150,000	-	0.28137	642,206	-	642,206
1995	-	-	300,000	250,000	300,000	250,000	-	0.28137	370,343	-	370,343
1996	-	-	500,000	300,000	500,000	300,000	-	0.28137	584,412	-	584,412
1997	-	-	440,000	400,000	440,000	400,000	-	0.28137	552,549	-	552,549
1998	-	-	290,000	550,000	290,000	550,000	-	0.28137	444,755	-	444,755
1999	-	-	700,010	150,000	700,010	150,000	-	0.28137	742,216	-	742,216
2000	-	-	440,000	150,000	440,000	150,000	-	0.28137	482,206	-	482,206
2001	-	-	410,000	200,000	410,000	200,000	-	0.28137	466,275	-	466,275
2002	-	40,034	370,034	650,000	330,000	650,000	-	0.28137	512,892	-	512,892
2003	-	-	270,000	150,000	270,000	150,000	-	0.28137	312,206	-	312,206
2004	-	-	280,000	250,000	280,000	250,000	-	0.28137	350,343	-	350,343
2005	-	-	240,000	350,000	240,000	350,000	-	0.28137	338,481	-	338,481
2006	-	-	160,000	450,000	160,000	450,000	-	0.28137	286,618	-	286,618
2007	-	40,000	240,000	350,000	200,000	350,000	-	0.28137	298,481	-	298,481
2008	-	40,034	80,034	450,000	40,000	450,000	-	0.28137	166,618	-	166,618
2009	-	-	280,000	500,000	280,000	500,000	-	0.28137	420,686	-	420,686
2010	-	-	280,000	250,000	280,000	250,000	-	0.28137	350,343	-	350,343
2011	-	-	160,000	500,000	160,000	500,000	-	0.28137	300,686	-	300,686
2012	-	-	160,000	350,000	160,000	350,000	-	0.28137	258,481	-	258,481
2013	-	-	160,000	350,000	160,000	350,000	-	0.28137	258,481	-	258,481
2014	-	-	160,000	450,000	160,000	450,000	-	0.28137	286,618	-	286,618
2015	-	-	240,000	730,000	240,000	730,000	-	0.28137	445,402	-	445,402
2016	1	40,034	160,034	250,000	120,000	250,000	50,000	0.28137	190,343	14,069	204,412
2017	1	-	120,000	560,000	120,000	560,000	50,000	0.28137	277,569	14,069	291,638
2018	2	-	370,000	660,000	370,000	660,000	100,000	0.28137	555,706	28,137	583,843
2019	6	-	120,000	380,000	120,000	380,000	300,000	0.28137	226,922	84,412	311,334
2020	10	-	40,000	40,000	40,000	40,000	500,000	0.28137	51,255	140,686	191,941
2021 (6 Mo)	7	-	-	-	-	-	350,000	0.28137	-	98,481	98,481
Totals:	27	250,102	9,220,112	11,170,000	8,970,010	11,170,000	1,350,000		12,112,946	379,853	12,492,799

Additional Housing Assistance Up to \$ 100,000 for Life of Child

Birth Year	Open & Unreported Accepted Claim Cts. AAA Only @ 6/30/21	Additional Housing Assistance Up to \$ 100,000 for Life of Child		
		Total Reserves (2) x 100K	Housing Assistance Incurred @ 12/31/20	Additional Unreported Reserves (3) - (4)
(1)	(2)	(3)	(4)	(5)
1989	3	300,000	90,000	210,000
1990	3	300,000	90,000	210,000
1991	4	400,000	121,971	278,029
1992	9	900,000	237,629	662,371
1993	8	800,000	227,722	572,278
1994	3	300,000	90,000	210,000
1995	5	500,000	174,763	325,237
1996	6	600,000	166,841	433,159
1997	8	800,000	205,215	594,785
1998	11	1,100,000	341,100	758,900
1999	3	300,000	94,200	205,800
2000	3	300,000	121,573	178,427
2001	4	400,000	122,454	277,546
2002	13	1,300,000	371,725	928,275
2003	3	300,000	90,000	210,000
2004	5	500,000	150,000	350,000
2005	7	700,000	210,541	489,459
2006	9	900,000	240,000	660,000
2007	7	700,000	210,000	490,000
2008	9	900,000	240,000	660,000
2009	10	1,000,000	330,000	670,000
2010	5	500,000	150,000	350,000
2011	10	1,000,000	300,000	700,000
2012	7	700,000	210,000	490,000
2013	7	700,000	210,000	490,000
2014	9	900,000	270,000	630,000
2015	15	1,500,000	390,000	1,110,000
2016	6	600,000	150,000	450,000
2017	14	1,400,000	240,000	1,160,000
2018	17	1,700,000	270,000	1,430,000
2019	16	1,600,000	180,000	1,420,000
2020	14	1,400,000	-	1,400,000
2021 (6 Mo)	7	700,000	-	700,000
Totals:	260	26,000,000	6,295,734	19,704,266

Mental Health Benefit \$10,000 Per Family

Birth Year	Accepted Claim Counts AAA Only		Total Remaining Life Expectancy				Indicated Total Reserves Before Inflation / Discount (7)x10Kx50%	Inflation / Discount Factor	Indicated Total Reserves After Inflation / Discount (8) x (9)
	-----		-----						
	Open AAA Claims With Worksheet	Unreported & Open AAA Claims Without Worksheet	Open AAA Claims With Worksheet		Unreported & Open AAA Claims Without Worksheet (3) x (A)	Total Remaining Life Expectancy After Adj. (5) + (6)			

			Before Adjustment	After Adjustment (4) x 1.235					
----- (1)	----- (2)	----- (3)	----- (4)	----- (5)	----- (6)	----- (7)	----- (8)	----- (9)	----- (10)
1989	3	-	81.07	100.12	-	100.12	500,607	0.42665	213,585
1990	3	-	44.01	54.35	-	54.35	271,762	0.42665	115,947
1991	4	-	95.53	117.98	-	117.98	589,898	0.42665	251,681
1992	9	-	230.09	284.16	-	284.16	1,420,806	0.42665	606,188
1993	8	-	198.76	245.47	-	245.47	1,227,343	0.42665	523,647
1994	3	-	114.07	140.88	-	140.88	704,382	0.42665	300,525
1995	5	-	142.61	176.12	-	176.12	880,617	0.42665	375,716
1996	6	-	120.09	148.31	-	148.31	741,556	0.42665	316,386
1997	8	-	244.88	302.43	-	302.43	1,512,134	0.42665	645,154
1998	11	-	302.12	373.12	-	373.12	1,865,591	0.42665	795,956
1999	3	-	62.48	77.16	-	77.16	385,814	0.42665	164,608
2000	3	-	66.89	82.61	-	82.61	413,046	0.42665	176,226
2001	4	-	114.36	141.23	-	141.23	706,173	0.42665	301,289
2002	13	-	319.62	394.73	-	394.73	1,973,654	0.42665	842,061
2003	3	-	53.85	66.50	-	66.50	332,524	0.42665	141,872
2004	5	-	165.46	204.34	-	204.34	1,021,716	0.42665	435,916
2005	7	-	183.39	226.49	-	226.49	1,132,433	0.42665	483,154
2006	9	-	255.45	315.48	-	315.48	1,577,404	0.42665	673,001
2007	7	-	146.03	180.35	-	180.35	901,735	0.42665	384,726
2008	9	-	306.89	379.01	-	379.01	1,895,046	0.42665	808,523
2009	10	-	328.64	405.87	-	405.87	2,029,352	0.42665	865,825
2010	5	-	220.87	272.77	-	272.77	1,363,872	0.42665	581,898
2011	10	-	326.64	403.40	-	403.40	2,017,002	0.42665	860,556
2012	7	-	257.80	318.38	-	318.38	1,591,915	0.42665	679,192
2013	7	-	172.53	213.07	-	213.07	1,065,373	0.42665	454,542
2014	9	-	212.43	262.35	-	262.35	1,311,755	0.42665	559,662
2015	13	2	394.15	486.78	70.19	556.97	2,784,842	0.42665	1,188,156
2016	5	1	149.61	184.77	35.10	219.86	1,099,325	0.42665	469,028
2017	8	6	220.80	272.69	210.58	483.27	2,416,338	0.42665	1,030,933
2018	10	7	316.98	391.47	245.68	637.15	3,185,733	0.42665	1,359,196
2019	6	10	205.00	253.18	350.97	604.14	3,020,706	0.42665	1,288,787
2020	-	14	-	-	491.35	491.35	2,456,763	0.42665	1,048,181
2021 (6 Mo)	-	7	-	-	245.68	245.68	1,228,381	0.42665	524,090
Totals:	213	47	6,053.10	7,475.58	1,649.54	9,125.12	45,625,596		19,466,210

(A) Indicated Average Life Expectancy
 per AAA Claim All BY (5) / (2) 35.10

Florida Birth Related Neurological Injury Compensation Association (NICA)
 Estimation of Additional Reserves Related to SB 1786 Benefit Changes
 Based on Claim Detail as of June 30, 2021

Appendix F
 Exhibit III
 Sheet 2e

Transportation

Birth Year	Total Remaining Life Expectancy After Adjustment	Indicated Total Vehicle Cost (2) x \$10,643	Transportation Case Reserves @ 12/31/20	Additional Vehicle Cost Reserves (3) - (4)	Inflation / Discount Factor	Additional Vehicle Cost Reserves After Inflation / Discount (5) x (6)
-----	-----	-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	100.12	1,065,593	755,290	310,303	0.73591	228,356
1990	54.35	578,472	196,610	381,862	0.73591	281,017
1991	117.98	1,255,656	682,545	573,111	0.73591	421,760
1992	284.16	3,024,327	1,518,020	1,506,307	0.73591	1,108,512
1993	245.47	2,612,522	1,121,240	1,491,282	0.73591	1,097,455
1994	140.88	1,499,348	765,270	734,078	0.73591	540,218
1995	176.12	1,874,481	844,175	1,030,306	0.73591	758,216
1996	148.31	1,578,476	828,200	750,276	0.73591	552,138
1997	302.43	3,218,728	1,580,755	1,637,973	0.73591	1,205,407
1998	373.12	3,971,097	2,746,410	1,224,687	0.73591	901,264
1999	77.16	821,244	568,345	252,899	0.73591	186,112
2000	82.61	879,209	452,945	426,264	0.73591	313,694
2001	141.23	1,503,160	859,845	643,315	0.73591	473,424
2002	394.73	4,201,119	2,426,535	1,774,584	0.73591	1,305,940
2003	66.50	707,810	626,850	80,960	0.73591	59,580
2004	204.34	2,174,824	1,563,745	611,079	0.73591	449,701
2005	226.49	2,410,497	1,445,920	964,577	0.73591	709,846
2006	315.48	3,357,662	1,767,300	1,590,362	0.73591	1,170,369
2007	180.35	1,919,434	1,772,350	147,084	0.73591	108,241
2008	379.01	4,033,794	1,921,275	2,112,519	0.73591	1,554,631
2009	405.87	4,319,679	3,039,135	1,280,544	0.73591	942,369
2010	272.77	2,903,138	1,167,580	1,735,558	0.73591	1,277,221
2011	403.40	4,293,390	1,607,555	2,685,835	0.73591	1,976,542
2012	318.38	3,388,550	1,490,485	1,898,065	0.73591	1,396,812
2013	213.07	2,267,752	1,372,225	895,527	0.73591	659,031
2014	262.35	2,792,202	2,125,590	666,612	0.73591	490,569
2015	556.97	5,927,815	3,786,225	2,141,590	0.73591	1,576,025
2016	219.86	2,340,023	1,103,635	1,236,388	0.73591	909,874
2017	483.27	5,143,418	1,850,300	3,293,118	0.73591	2,423,450
2018	637.15	6,781,151	2,581,750	4,199,401	0.73591	3,090,396
2019	604.14	6,429,874	2,038,500	4,391,374	0.73591	3,231,671
2020	491.35	5,229,465	-	5,229,465	0.73591	3,848,434
2021 (6 Mo)	245.68	2,614,733	-	2,614,733	0.73591	1,924,217
Totals:	9,125.12	97,118,645	46,606,605	50,512,040		37,172,490

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of June 30, 2021

Estimated Deceased By Year - Based on Open Claims as of June 30, 2021

Fiscal Year	Expected (a) Number Deceased by Period	Estimated Time of Payment (Years)	Discount Factor 5.00%	Discounted Value of Number Deceased (2) x (4)
(1)	(2)	(3)	(4)	(5)
7/1/2021 - 6/30/2022	2.7325	0.250	0.9879	2.6994
7/1/2022 - 6/30/2023	2.9529	1.000	0.9524	2.8123
7/1/2023 - 6/30/2024	3.1774	2.000	0.9070	2.8820
7/1/2024 - 6/30/2025	3.3851	3.000	0.8638	2.9241
7/1/2025 - 6/30/2026	3.5797	4.000	0.8227	2.9450
7/1/2026 - 6/30/2027	3.6424	5.000	0.7835	2.8539
7/1/2027 - 6/30/2028	3.6492	6.000	0.7462	2.7231
7/1/2028 - 6/30/2029	3.6567	7.000	0.7107	2.5988
7/1/2029 - 6/30/2030	3.6650	8.000	0.6768	2.4806
7/1/2030 - 6/30/2031	3.6741	9.000	0.6446	2.3684
7/1/2031 - 6/30/2032	3.6841	10.000	0.6139	2.2617
7/1/2032 - 6/30/2033	3.6945	11.000	0.5847	2.1601
7/1/2033 - 6/30/2034	3.7053	12.000	0.5568	2.0632
7/1/2034 - 6/30/2035	3.7157	13.000	0.5303	1.9705
7/1/2035 - 6/30/2036	3.7256	14.000	0.5051	1.8817
7/1/2036 - 6/30/2037	3.7344	15.000	0.4810	1.7963
7/1/2037 - 6/30/2038	3.7424	16.000	0.4581	1.7145
7/1/2038 - 6/30/2039	3.7499	17.000	0.4363	1.6361
7/1/2039 - 6/30/2040	3.7572	18.000	0.4155	1.5612
7/1/2040 - 6/30/2041	3.7645	19.000	0.3957	1.4897
7/1/2041 - 6/30/2042	3.7721	20.000	0.3769	1.4217
7/1/2042 - 6/30/2043	3.7800	21.000	0.3589	1.3568
7/1/2043 - 6/30/2044	3.7883	22.000	0.3418	1.2950
7/1/2044 - 6/30/2045	3.7970	23.000	0.3256	1.2362
7/1/2045 - 6/30/2046	3.8063	24.000	0.3101	1.1802
7/1/2046 - 6/30/2047	3.8161	25.000	0.2953	1.1269
7/1/2047 - 6/30/2048	3.8266	26.000	0.2812	1.0762
7/1/2048 - 6/30/2049	3.8374	27.000	0.2678	1.0278
7/1/2049 - 6/30/2050	3.8484	28.000	0.2551	0.9817
7/1/2050 - 6/30/2051	3.8592	29.000	0.2429	0.9376
7/1/2051 - 6/30/2052	3.8697	30.000	0.2314	0.8954
7/1/2052 - 6/30/2053	3.8800	31.000	0.2204	0.8550
7/1/2053 - 6/30/2054	3.8899	32.000	0.2099	0.8164
7/1/2054 - 6/30/2055	3.8994	33.000	0.1999	0.7794
7/1/2055 - 6/30/2056	3.9083	34.000	0.1904	0.7440
7/1/2056 - 6/30/2057	3.9164	35.000	0.1813	0.7100
7/1/2057 - 6/30/2058	3.9234	36.000	0.1727	0.6774
7/1/2058 - 6/30/2059	3.9291	37.000	0.1644	0.6461
7/1/2059 - 6/30/2060	3.9332	38.000	0.1566	0.6160
7/1/2060 - 6/30/2061	3.9354	39.000	0.1491	0.5870
7/1/2061 - 6/30/2062	3.9356	40.000	0.1420	0.5590
7/1/2062 - 6/30/2063	3.9336	41.000	0.1353	0.5321
7/1/2063 - 6/30/2064	3.9292	42.000	0.1288	0.5062
7/1/2064 - 6/30/2065	3.9218	43.000	0.1227	0.4812
7/1/2065 - 6/30/2066	3.9109	44.000	0.1169	0.4570
7/1/2066 - 6/30/2067	3.8961	45.000	0.1113	0.4336
7/1/2067 - 6/30/2068	3.8772	46.000	0.1060	0.4110
7/1/2068 - 6/30/2069	3.8537	47.000	0.1009	0.3890
7/1/2069 - 6/30/2070	3.8249	48.000	0.0961	0.3677
7/1/2070 - 6/30/2071	3.7902	49.000	0.0916	0.3470
7/1/2071 - 6/30/2072	3.7494	50.000	0.0872	0.3270
7/1/2072 - 6/30/2073	3.7020	51.000	0.0831	0.3075
7/1/2073 - 6/30/2074	3.6479	52.000	0.0791	0.2885
7/1/2074 - 6/30/2075	3.5867	53.000	0.0753	0.2702
7/1/2075 - 6/30/2076	3.5180	54.000	0.0717	0.2524
7/1/2076 - 6/30/2077	3.4419	55.000	0.0683	0.2352
7/1/2077 - 6/30/2078	3.3583	56.000	0.0651	0.2185
7/1/2078 - 6/30/2079	3.2675	57.000	0.0620	0.2025
7/1/2079 - 6/30/2080	3.1695	58.000	0.0590	0.1871
7/1/2080 - 6/30/2081	3.0651	59.000	0.0562	0.1723

Notes: (a) Based on number of claims by year and estimated life expectancy - see NICA Loss & LAE Reserve Report as of June 30, 2021 - Appendix E, Exhibit III, Sheets 3a through 3g.

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of June 30, 2021

Exhibit IV
Sheet 1b

Estimated Deceased By Year - Based on Open Claims as of June 30, 2021

Fiscal Year	Expected (a) Number Deceased by Period	Estimated Time of Payment (Years)	Discount Factor 5.00%	Discounted Value of Number Deceased (2) x (4)
-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)
7/1/2081 - 6/30/2082	2.9546	60.000	0.0535	0.1582
7/1/2082 - 6/30/2083	2.8386	61.000	0.0510	0.1447
7/1/2083 - 6/30/2084	2.7179	62.000	0.0486	0.1320
7/1/2084 - 6/30/2085	2.5931	63.000	0.0462	0.1199
7/1/2085 - 6/30/2086	2.4650	64.000	0.0440	0.1086
7/1/2086 - 6/30/2087	2.3344	65.000	0.0419	0.0979
7/1/2087 - 6/30/2088	2.2021	66.000	0.0399	0.0880
7/1/2088 - 6/30/2089	2.0691	67.000	0.0380	0.0787
7/1/2089 - 6/30/2090	1.9362	68.000	0.0362	0.0702
7/1/2090 - 6/30/2091	1.8044	69.000	0.0345	0.0623
7/1/2091 - 6/30/2092	1.6743	70.000	0.0329	0.0550
7/1/2092 - 6/30/2093	1.5460	71.000	0.0313	0.0484
7/1/2093 - 6/30/2094	1.4201	72.000	0.0298	0.0423
7/1/2094 - 6/30/2095	1.2961	73.000	0.0284	0.0368
7/1/2095 - 6/30/2096	1.1746	74.000	0.0270	0.0318
7/1/2096 - 6/30/2097	1.0574	75.000	0.0258	0.0272
7/1/2097 - 6/30/2098	0.9445	76.000	0.0245	0.0232
7/1/2098 - 6/30/2099	0.8364	77.000	0.0234	0.0195
7/1/2099 - 6/30/2100	0.7338	78.000	0.0222	0.0163
7/1/2100 - 6/30/2101	0.6370	79.000	0.0212	0.0135
7/1/2101 - 6/30/2102	0.5466	80.000	0.0202	0.0110
7/1/2102 - 6/30/2103	0.4629	81.000	0.0192	0.0089
7/1/2103 - 6/30/2104	0.3866	82.000	0.0183	0.0071
7/1/2104 - 6/30/2105	0.3180	83.000	0.0174	0.0055
7/1/2105 - 6/30/2106	0.2573	84.000	0.0166	0.0043
7/1/2106 - 6/30/2107	0.2048	85.000	0.0158	0.0032
7/1/2107 - 6/30/2108	0.1601	86.000	0.0151	0.0024
7/1/2108 - 6/30/2109	0.1228	87.000	0.0143	0.0018
7/1/2109 - 6/30/2110	0.0925	88.000	0.0137	0.0013
7/1/2110 - 6/30/2111	0.0678	89.000	0.0130	0.0009
7/1/2111 - 6/30/2112	0.0483	90.000	0.0124	0.0006
7/1/2112 - 6/30/2113	0.0339	91.000	0.0118	0.0004
7/1/2113 - 6/30/2114	0.0236	92.000	0.0112	0.0003
7/1/2114 - 6/30/2115	0.0163	93.000	0.0107	0.0002
7/1/2115 - 6/30/2116	0.0113	94.000	0.0102	0.0001
7/1/2116 - 6/30/2117	0.0078	95.000	0.0097	0.0001
7/1/2117 - 6/30/2118	0.0054	96.000	0.0092	0.0001
7/1/2118 - 6/30/2119	0.0038	97.000	0.0088	0.0000
7/1/2119 - 6/30/2120	0.0027	98.000	0.0084	0.0000
7/1/2120 - 6/30/2121	0.0019	99.000	0.0080	0.0000
7/1/2121 - 6/30/2122	0.0014	100.000	0.0076	0.0000
7/1/2122 - 6/30/2123	0.0010	101.000	0.0072	0.0000
7/1/2123 - 6/30/2124	0.0008	102.000	0.0069	0.0000
7/1/2124 - 6/30/2125	0.0006	103.000	0.0066	0.0000
7/1/2125 - 6/30/2126	0.0004	104.000	0.0063	0.0000
7/1/2126 - 6/30/2127	0.0003	105.000	0.0060	0.0000
7/1/2127 - 6/30/2128	0.0002	106.000	0.0057	0.0000
7/1/2128 - 6/30/2129	0.0002	107.000	0.0054	0.0000
7/1/2129 - 6/30/2130	0.0001	108.000	0.0051	0.0000
7/1/2130 - 6/30/2131	0.0001	109.000	0.0049	0.0000
7/1/2131 - 6/30/2132	0.0001	110.000	0.0047	0.0000
7/1/2132 - 6/30/2133	0.0001	111.000	0.0044	0.0000
7/1/2133 - 6/30/2134	0.0000	112.000	0.0042	0.0000
7/1/2134 - 6/30/2135	0.0000	113.000	0.0040	0.0000
7/1/2135 - 6/30/2136	0.0000	114.000	0.0038	0.0000
7/1/2136 - 6/30/2137	0.0000	115.000	0.0037	0.0000
7/1/2137 - 6/30/2138	0.0000	116.000	0.0035	0.0000
7/1/2138 - 6/30/2139	0.0000	117.000	0.0033	0.0000
7/1/2139 - 6/30/2140	0.0000	118.000	0.0032	0.0000
7/1/2140 - 6/30/2141	0.0000	119.000	0.0030	0.0000
Totals All:	260.0000			73.1570

Indicated Average Discount = (5) / (2)

0.28137

Notes: (a) Based on number of claims by year and estimated life expectancy - see NICA Loss & LAE Reserve Report as of June 30, 2021 - Appendix E, Exhibit III, Sheets 3a through 3g.

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of June 30, 2021

Estimated Number Alive By Year - Based on Open Claims as of June 30, 2021

Fiscal Year	Expected Number Alive at End of Period (a)	Estimated Time of Payment (Years)	Discount Factors		Discounted Value	
			Inflation	Discount	Inflation	Discount
			3.50%	Only at	3.50%	Only at
			& Discount 5.00%	5.00%	& Discount 5.00% (2) x (4)	5.00% (2) x (5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
7/1/2021 - 6/30/2022	257.2675	0.250	0.9964	0.9879	256.3437	254.1485
7/1/2022 - 6/30/2023	254.3146	1.000	0.9857	0.9524	250.6815	242.2043
7/1/2023 - 6/30/2024	251.1372	2.000	0.9716	0.9070	244.0131	227.7888
7/1/2024 - 6/30/2025	247.7521	3.000	0.9578	0.8638	237.2852	214.0176
7/1/2025 - 6/30/2026	244.1724	4.000	0.9441	0.8227	230.5159	200.8813
7/1/2026 - 6/30/2027	240.5301	5.000	0.9306	0.7835	223.8332	188.4616
7/1/2027 - 6/30/2028	236.8809	6.000	0.9173	0.7462	217.2883	176.7642
7/1/2028 - 6/30/2029	233.2242	7.000	0.9042	0.7107	210.8778	165.7481
7/1/2029 - 6/30/2030	229.5592	8.000	0.8913	0.6768	204.5988	155.3747
7/1/2030 - 6/30/2031	225.8850	9.000	0.8785	0.6446	198.4481	145.6075
7/1/2031 - 6/30/2032	222.2010	10.000	0.8660	0.6139	192.4228	136.4121
7/1/2032 - 6/30/2033	218.5064	11.000	0.8536	0.5847	186.5201	127.7562
7/1/2033 - 6/30/2034	214.8012	12.000	0.8414	0.5568	180.7379	119.6093
7/1/2034 - 6/30/2035	211.0854	13.000	0.8294	0.5303	175.0741	111.9431
7/1/2035 - 6/30/2036	207.3598	14.000	0.8176	0.5051	169.5272	104.7308
7/1/2036 - 6/30/2037	203.6254	15.000	0.8059	0.4810	164.0959	97.9473
7/1/2037 - 6/30/2038	199.8830	16.000	0.7944	0.4581	158.7788	91.5687
7/1/2038 - 6/30/2039	196.1331	17.000	0.7830	0.4363	153.5743	85.5722
7/1/2039 - 6/30/2040	192.3759	18.000	0.7718	0.4155	148.4806	79.9362
7/1/2040 - 6/30/2041	188.6114	19.000	0.7608	0.3957	143.4954	74.6399
7/1/2041 - 6/30/2042	184.8393	20.000	0.7499	0.3769	138.6166	69.6640
7/1/2042 - 6/30/2043	181.0593	21.000	0.7392	0.3589	133.8421	64.9898
7/1/2043 - 6/30/2044	177.2710	22.000	0.7287	0.3418	129.1697	60.6001
7/1/2044 - 6/30/2045	173.4739	23.000	0.7182	0.3256	124.5972	56.4781
7/1/2045 - 6/30/2046	169.6677	24.000	0.7080	0.3101	120.1225	52.6085
7/1/2046 - 6/30/2047	165.8515	25.000	0.6979	0.2953	115.7433	48.9764
7/1/2047 - 6/30/2048	162.0250	26.000	0.6879	0.2812	111.4575	45.5680
7/1/2048 - 6/30/2049	158.1876	27.000	0.6781	0.2678	107.2632	42.3703
7/1/2049 - 6/30/2050	154.3392	28.000	0.6684	0.2551	103.1587	39.3709
7/1/2050 - 6/30/2051	150.4800	29.000	0.6588	0.2429	99.1424	36.5586
7/1/2051 - 6/30/2052	146.6103	30.000	0.6494	0.2314	95.2129	33.9223
7/1/2052 - 6/30/2053	142.7303	31.000	0.6402	0.2204	91.3690	31.4520
7/1/2053 - 6/30/2054	138.8404	32.000	0.6310	0.2099	87.6091	29.1379
7/1/2054 - 6/30/2055	134.9410	33.000	0.6220	0.1999	83.9322	26.9710
7/1/2055 - 6/30/2056	131.0327	34.000	0.6131	0.1904	80.3370	24.9427
7/1/2056 - 6/30/2057	127.1163	35.000	0.6043	0.1813	76.8224	23.0450
7/1/2057 - 6/30/2058	123.1929	36.000	0.5957	0.1727	73.3878	21.2702
7/1/2058 - 6/30/2059	119.2639	37.000	0.5872	0.1644	70.0322	19.6112
7/1/2059 - 6/30/2060	115.3307	38.000	0.5788	0.1566	66.7551	18.0614
7/1/2060 - 6/30/2061	111.3953	39.000	0.5705	0.1491	63.5562	16.6144
7/1/2061 - 6/30/2062	107.4596	40.000	0.5624	0.1420	60.4348	15.2642
7/1/2062 - 6/30/2063	103.5260	41.000	0.5544	0.1353	57.3908	14.0052
7/1/2063 - 6/30/2064	99.5968	42.000	0.5464	0.1288	54.4239	12.8320
7/1/2064 - 6/30/2065	95.6750	43.000	0.5386	0.1227	51.5340	11.7397
7/1/2065 - 6/30/2066	91.7642	44.000	0.5309	0.1169	48.7214	10.7237
7/1/2066 - 6/30/2067	87.8681	45.000	0.5234	0.1113	45.9863	9.7794
7/1/2067 - 6/30/2068	83.9910	46.000	0.5159	0.1060	43.3292	8.9028
7/1/2068 - 6/30/2069	80.1373	47.000	0.5085	0.1009	40.7506	8.0898
7/1/2069 - 6/30/2070	76.3124	48.000	0.5012	0.0961	38.2513	7.3368
7/1/2070 - 6/30/2071	72.5222	49.000	0.4941	0.0916	35.8321	6.6404
7/1/2071 - 6/30/2072	68.7729	50.000	0.4870	0.0872	33.4942	5.9973
7/1/2072 - 6/30/2073	65.0708	51.000	0.4801	0.0831	31.2385	5.4042
7/1/2073 - 6/30/2074	61.4229	52.000	0.4732	0.0791	29.0660	4.8583
7/1/2074 - 6/30/2075	57.8362	53.000	0.4665	0.0753	26.9778	4.3568
7/1/2075 - 6/30/2076	54.3182	54.000	0.4598	0.0717	24.9748	3.8969
7/1/2076 - 6/30/2077	50.8764	55.000	0.4532	0.0683	23.0581	3.4762
7/1/2077 - 6/30/2078	47.5180	56.000	0.4467	0.0651	21.2284	3.0921
7/1/2078 - 6/30/2079	44.2506	57.000	0.4404	0.0620	19.4863	2.7424
7/1/2079 - 6/30/2080	41.0810	58.000	0.4341	0.0590	17.8321	2.4247
7/1/2080 - 6/30/2081	38.0160	59.000	0.4279	0.0562	16.2659	2.1370

Notes: (a) Based on number of claims by year and estimated life expectancy - see NICA Loss & LAE Reserve Report as of June 30, 2021 - Appendix E, Exhibit III, Sheets 3a through 3g.

Estimation of Additional Reserves Related to SB 1786 Benefit Changes
Based on Claim Detail as of June 30, 2021

Exhibit IV
Sheet 2b

Estimated Number Alive By Year - Based on Open Claims as of June 30, 2021

Fiscal Year	Expected Number Alive at End of Period (a)	Estimated Time of Payment (Years)	Discount Factors		Discounted Value	
			Inflation 3.50% & Discount 5.00%	Discount Only at 5.00%	Inflation 3.50% & Discount 5.00% (2) x (4)	Discount Only at 5.00% (2) x (5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
7/1/2081 - 6/30/2082	35.0614	60.000	0.4218	0.0535	14.7874	1.8770
7/1/2082 - 6/30/2083	32.2227	61.000	0.4157	0.0510	13.3960	1.6429
7/1/2083 - 6/30/2084	29.5048	62.000	0.4098	0.0486	12.0909	1.4327
7/1/2084 - 6/30/2085	26.9117	63.000	0.4039	0.0462	10.8707	1.2446
7/1/2085 - 6/30/2086	24.4467	64.000	0.3982	0.0440	9.7339	1.0767
7/1/2086 - 6/30/2087	22.1122	65.000	0.3925	0.0419	8.6786	0.9275
7/1/2087 - 6/30/2088	19.9101	66.000	0.3869	0.0399	7.7027	0.7954
7/1/2088 - 6/30/2089	17.8410	67.000	0.3813	0.0380	6.8036	0.6788
7/1/2089 - 6/30/2090	15.9048	68.000	0.3759	0.0362	5.9786	0.5763
7/1/2090 - 6/30/2091	14.1004	69.000	0.3705	0.0345	5.2246	0.4866
7/1/2091 - 6/30/2092	12.4261	70.000	0.3652	0.0329	4.5385	0.4084
7/1/2092 - 6/30/2093	10.8801	71.000	0.3600	0.0313	3.9170	0.3406
7/1/2093 - 6/30/2094	9.4600	72.000	0.3549	0.0298	3.3571	0.2820
7/1/2094 - 6/30/2095	8.1639	73.000	0.3498	0.0284	2.8558	0.2318
7/1/2095 - 6/30/2096	6.9892	74.000	0.3448	0.0270	2.4099	0.1890
7/1/2096 - 6/30/2097	5.9318	75.000	0.3399	0.0258	2.0161	0.1528
7/1/2097 - 6/30/2098	4.9873	76.000	0.3350	0.0245	1.6709	0.1223
7/1/2098 - 6/30/2099	4.1509	77.000	0.3302	0.0234	1.3708	0.0970
7/1/2099 - 6/30/2100	3.4171	78.000	0.3255	0.0222	1.1123	0.0760
7/1/2100 - 6/30/2101	2.7800	79.000	0.3209	0.0212	0.8920	0.0589
7/1/2101 - 6/30/2102	2.2335	80.000	0.3163	0.0202	0.7064	0.0451
7/1/2102 - 6/30/2103	1.7705	81.000	0.3118	0.0192	0.5520	0.0340
7/1/2103 - 6/30/2104	1.3839	82.000	0.3073	0.0183	0.4253	0.0253
7/1/2104 - 6/30/2105	1.0659	83.000	0.3029	0.0174	0.3229	0.0186
7/1/2105 - 6/30/2106	0.8086	84.000	0.2986	0.0166	0.2414	0.0134
7/1/2106 - 6/30/2107	0.6038	85.000	0.2943	0.0158	0.1777	0.0095
7/1/2107 - 6/30/2108	0.4437	86.000	0.2901	0.0151	0.1287	0.0067
7/1/2108 - 6/30/2109	0.3209	87.000	0.2860	0.0143	0.0918	0.0046
7/1/2109 - 6/30/2110	0.2284	88.000	0.2819	0.0137	0.0644	0.0031
7/1/2110 - 6/30/2111	0.1605	89.000	0.2779	0.0130	0.0446	0.0021
7/1/2111 - 6/30/2112	0.1122	90.000	0.2739	0.0124	0.0307	0.0014
7/1/2112 - 6/30/2113	0.0783	91.000	0.2700	0.0118	0.0211	0.0009
7/1/2113 - 6/30/2114	0.0548	92.000	0.2661	0.0112	0.0146	0.0006
7/1/2114 - 6/30/2115	0.0384	93.000	0.2623	0.0107	0.0101	0.0004
7/1/2115 - 6/30/2116	0.0272	94.000	0.2586	0.0102	0.0070	0.0003
7/1/2116 - 6/30/2117	0.0194	95.000	0.2549	0.0097	0.0049	0.0002
7/1/2117 - 6/30/2118	0.0139	96.000	0.2512	0.0092	0.0035	0.0001
7/1/2118 - 6/30/2119	0.0101	97.000	0.2477	0.0088	0.0025	0.0001
7/1/2119 - 6/30/2120	0.0074	98.000	0.2441	0.0084	0.0018	0.0001
7/1/2120 - 6/30/2121	0.0055	99.000	0.2406	0.0080	0.0013	0.0000
7/1/2121 - 6/30/2122	0.0041	100.000	0.2372	0.0076	0.0010	0.0000
7/1/2122 - 6/30/2123	0.0031	101.000	0.2338	0.0072	0.0007	0.0000
7/1/2123 - 6/30/2124	0.0024	102.000	0.2305	0.0069	0.0005	0.0000
7/1/2124 - 6/30/2125	0.0018	103.000	0.2272	0.0066	0.0004	0.0000
7/1/2125 - 6/30/2126	0.0014	104.000	0.2239	0.0063	0.0003	0.0000
7/1/2126 - 6/30/2127	0.0010	105.000	0.2207	0.0060	0.0002	0.0000
7/1/2127 - 6/30/2128	0.0008	106.000	0.2176	0.0057	0.0002	0.0000
7/1/2128 - 6/30/2129	0.0006	107.000	0.2145	0.0054	0.0001	0.0000
7/1/2129 - 6/30/2130	0.0004	108.000	0.2114	0.0051	0.0001	0.0000
7/1/2130 - 6/30/2131	0.0003	109.000	0.2084	0.0049	0.0001	0.0000
7/1/2131 - 6/30/2132	0.0003	110.000	0.2054	0.0047	0.0001	0.0000
7/1/2132 - 6/30/2133	0.0002	111.000	0.2025	0.0044	0.0000	0.0000
7/1/2133 - 6/30/2134	0.0001	112.000	0.1996	0.0042	0.0000	0.0000
7/1/2134 - 6/30/2135	0.0001	113.000	0.1967	0.0040	0.0000	0.0000
7/1/2135 - 6/30/2136	0.0001	114.000	0.1939	0.0038	0.0000	0.0000
7/1/2136 - 6/30/2137	0.0000	115.000	0.1911	0.0037	0.0000	0.0000
7/1/2137 - 6/30/2138	0.0000	116.000	0.1884	0.0035	0.0000	0.0000
7/1/2138 - 6/30/2139	0.0000	117.000	0.1857	0.0033	0.0000	0.0000
7/1/2139 - 6/30/2140	0.0000	118.000	0.1831	0.0032	0.0000	0.0000
7/1/2140 - 6/30/2141	0.0000	119.000	0.1805	0.0030	0.0000	0.0000
Totals All:	9187.5753				6761.2604	3919.8890
	Indicated Average Discount				0.73591	0.42665

Notes: (a) Based on number of claims by year and estimated life expectancy - see NICA Loss & LAE Reserve Report as of June 30, 2021 - Appendix E, Exhibit III, Sheets 3a through 3g.

Agenda Item # 7.A. (Tab W)

Investments – Background and Roles

Internal Consultant and External Consultant

Katy Wojciechowski

Bio

Katy Wojciechowski has also served as Senior Investment Officer of Fixed Income for the State Board of Administration for the Florida Retirement System. Her duties included internal active portfolio management, internal cash management, formulating strategies and portfolio guidelines, risk management, compliance, investment manager searches and monitoring investment portfolios, as well as serving as part of the Senior Leaders Group.

Katy has over 25 years of experience in asset management, serving 13 years with ING Investment Management on its senior leadership team. She serves on several board committees, including the Division of Treasury Investment Advisory Council as Chair.

Wilshire



SUPPORTIVE SERVICES FOR
FAMILIES & PHYSICIANS

Overview

Felicia Bennett, Managing Director

October 28, 2021

NICA's Wilshire Consulting Team



[Felicia F. Bennett, Managing Director](#)

Felicia is a Managing Director who works closely with many of the firm's largest corporate, public, foundation, and endowment clients. She serves as chair of Wilshire's Defined Contribution Asset Class Committee and is a member of the Diverse Managers Asset Class Committee. Felicia joined Wilshire in 2006. Previously, she spent five years at PPG Industries, Inc., where she ran the benefits investment and financing area and had responsibility for over \$5 billion of global defined benefit, defined contribution and foundation assets. She also worked with Alcoa Inc.'s \$10 billion of U.S. pension and foundation portfolios for three-and-a-half years and previously spent seven years working as an analyst in the planning and treasury functions at Carnegie Mellon University.

Felicia earned a BA in political science and German from Allegheny College and an MBA with concentrations in finance and economics from Carnegie Mellon University.



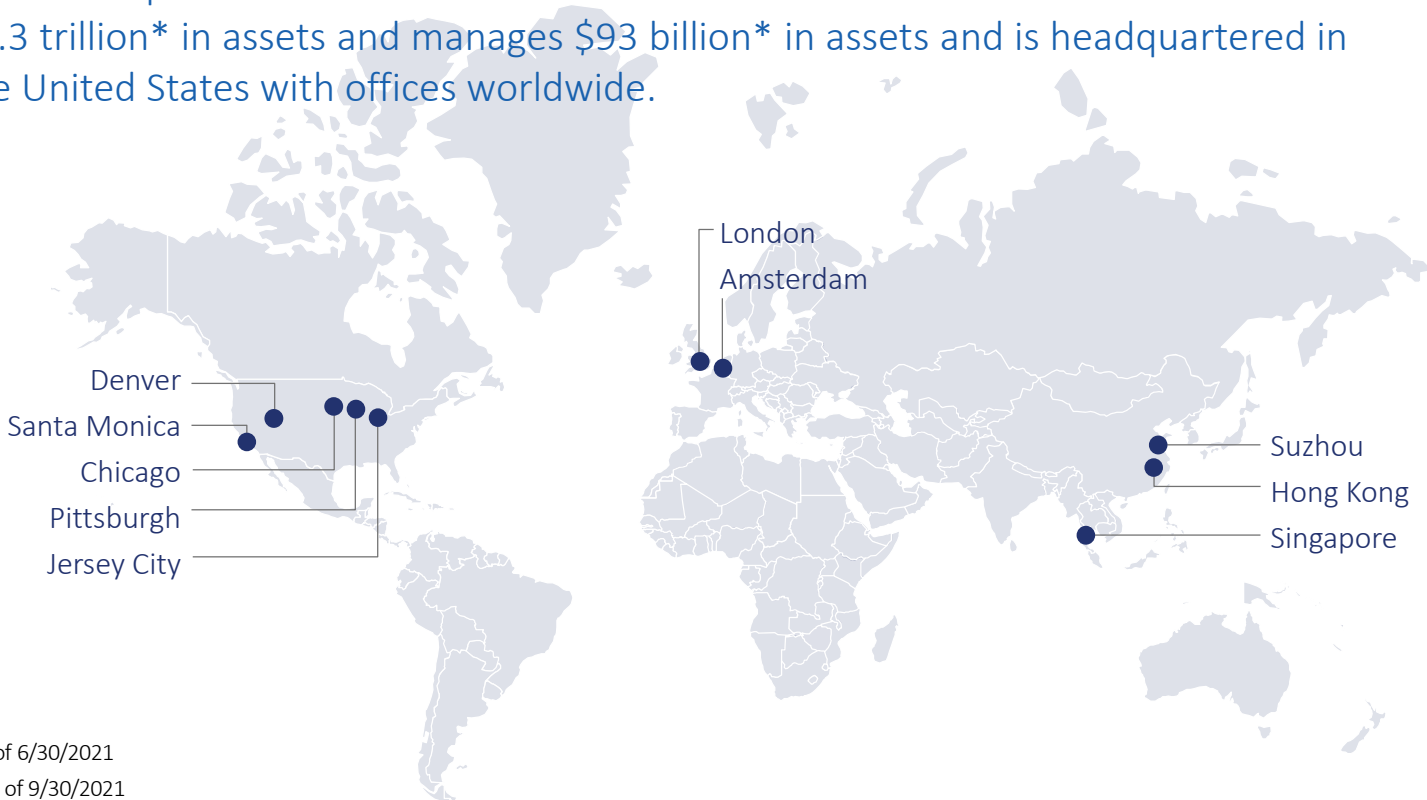
[Jon Lewis, CFA, Assistant Vice President](#)

Jon is an Assistant Vice President with Wilshire. As part of his responsibilities, Jon conducts investment research and provides consulting services to corporate and public pension funds, defined contribution plans, endowments, foundations and non-profit organizations.

Before joining Wilshire in 2012, Jon worked for BNY Mellon Asset Servicing. He earned a bachelor's degree in finance and investment management from Duquesne University. Jon is a CFA charterholder.

Global Reach

Wilshire is a global provider of market-leading indexes, advanced analytics, and multi-asset investment solutions. A trusted partner to a diverse range of more than 500 leading institutional investors and financial intermediaries, our clients rely on us to improve investment outcomes for a better future. Wilshire advises on over \$1.3 trillion* in assets and manages \$93 billion* in assets and is headquartered in the United States with offices worldwide.



*As of 6/30/2021

**As of 9/30/2021

294

associates worldwide**

71

Investment professionals**

32

CFA charterholders**

Consulting Services

Wilshire is a Global Organization

- Nearly 50 years of institutional experience
- Our heritage is developing innovative technology
- Dedicated private markets team started in 1996
- Global resources with a boutique service model

Thoughtful & Practical Research

- 70+ professionals contributing to research globally
- Thought-leader in innovative investment solutions
- Pro-active ideas and white papers focus on practical, cost-effective solutions
- Extensive proprietary investment manager databases
- Differentiated managers investing in inefficient markets
- Uncover actual drivers of risk and return through analytical software

Customized Client Driven Solutions

- Collaborative, transparent and high-touch relationship, assist clients to maintain market best practices
- Focus on institutional clients and serve many large corporate plans
- Bespoke client services support and reporting
- Access to senior personnel and research sharing

Investment Services

Manager Research

- Qualitative and quantitative manager due diligence and ratings services
- Manager search, selection and recommendation services
- Ongoing manager monitoring and reporting services
- Access to Wilshire Manager Research Focus Lists

Asset Allocation

- Capital market assumptions
- Asset-liability analysis
- Asset allocation investment policy development
- Asset class structuring

Alternative Investments

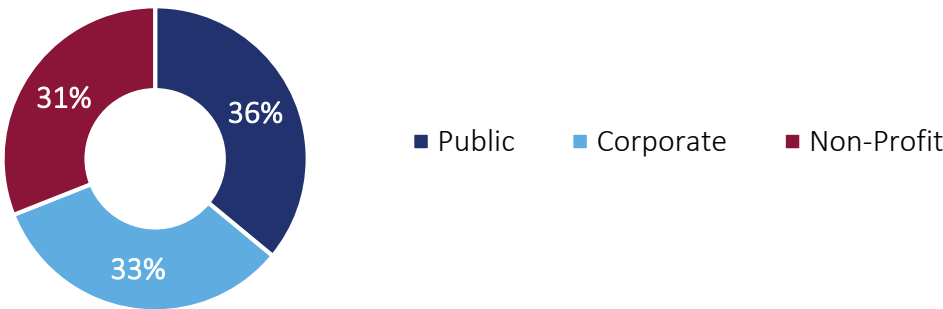
- Hedge fund advisory and consulting services
- Private market advisory and consulting services – includes private equity, private debt and real asset sectors
- Risk premia advisory and consulting services

Discretionary OCIO

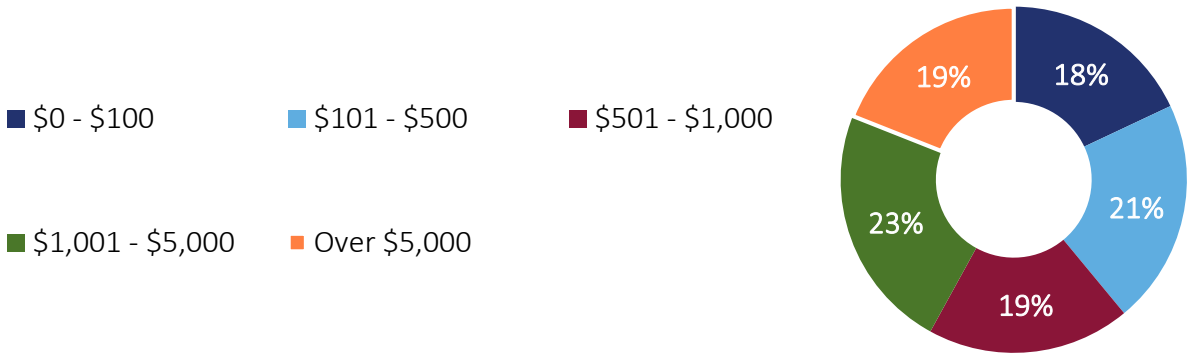
- Outsourced CIO services where Wilshire has the decision-making authority to hire and fire managers as well as implement asset allocation strategies in accordance with the investment policy
- Hedge fund of funds managed by Wilshire
- Private market fund of funds managed by Wilshire

Institutional Client Base

Institutional Client Base By Type



Institutional Client Base By Asset Size (\$Mm)



40+
Years Experience

\$1.3 TRILLION
in assets under
advisement

98
clients

As of 6/30/2021

Focus, Research, Experience, Dedication

- Wilshire's research related to asset allocation/investment structure continues to evolve to help institutions navigate the current challenging investment environment.
- Our insights are informed by our 50 years' work. Wilshire's institutional focus arrives at a long-term focused approach that helps client seek long term growth while maintaining sufficient liquidity, stability and flexibility.



Research to Prevent Blindness



Investment Philosophy

Wilshire's investment platform is focused on converting risk into attractive returns.

Risk Management \neq Risk Avoidance

Fundamental Beliefs

- Risk should be compensated: Risk and return go hand-in-hand, but not all risks are rewarded equally. Be extremely selective.
- Attractive long-term returns can be realized by managing downside and behavioral risks: Investors are enamored with potential returns and often underestimate the associated risks. Drawdowns destroy long-term wealth potential. Actively manage risk exposures.
- An opportunistic investment process can occasionally exploit market pricing: While excessive “tactical” trading or market timing can create more risk than return, maintaining a nimble investment program can allow investors to exploit market volatility.
- Costs matter and fees should only be paid to harness unique return streams: In a world of uncertain outcomes, fees and expenses are risks that are known with near-perfect insight and are a hurdle between the portfolio and its objectives. Be an extremely disciplined buyer.
- Manager selection and access is critical to driving attractive returns within alternative investment strategies: The illiquidity risk premium varies through time and, alone, may be insufficient to justify private investments. Tailor alternative investment strategies to take advantage of specific markets or managers that offer unique opportunities.

Risk Assessment Framework

Wilshire's multi-dimensional view of risk integrates organizational and investment considerations into a comprehensive framework for evaluating strategic decisions.

Shortfall: Support distributions and long-term growth

Behavioral: Instill strong governance

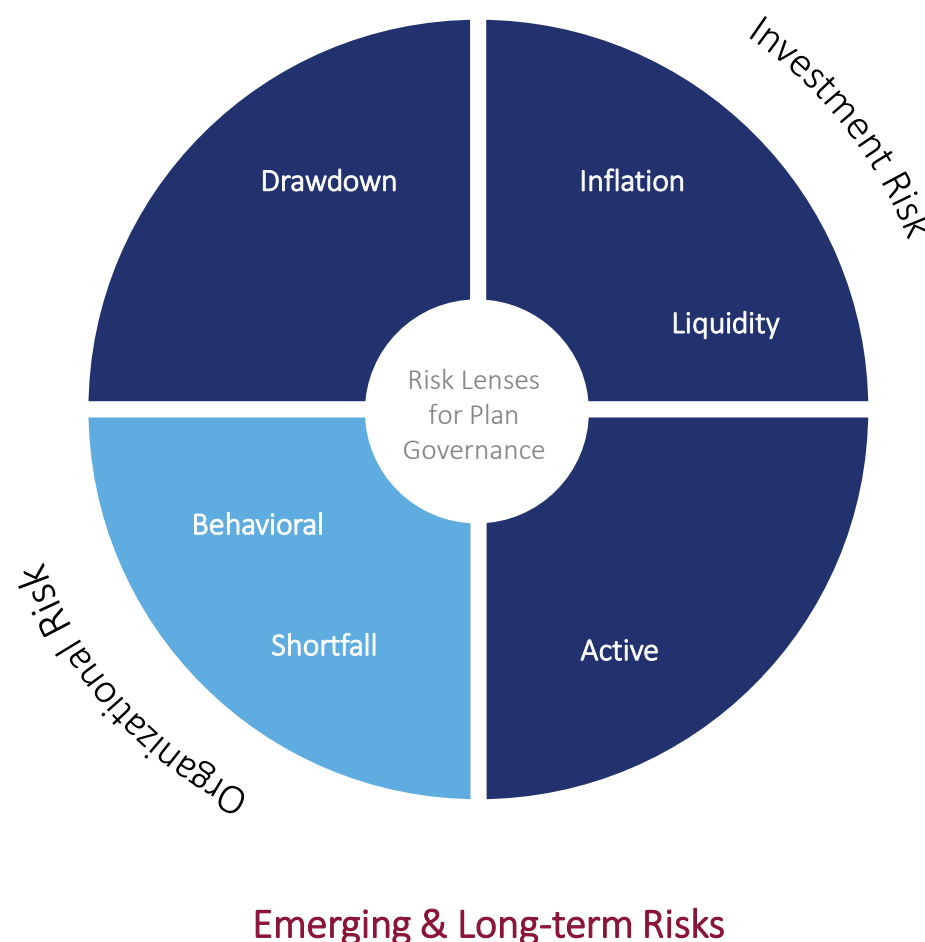
Drawdown: Limit portfolio losses

Inflation: Preserve long-term purchasing power

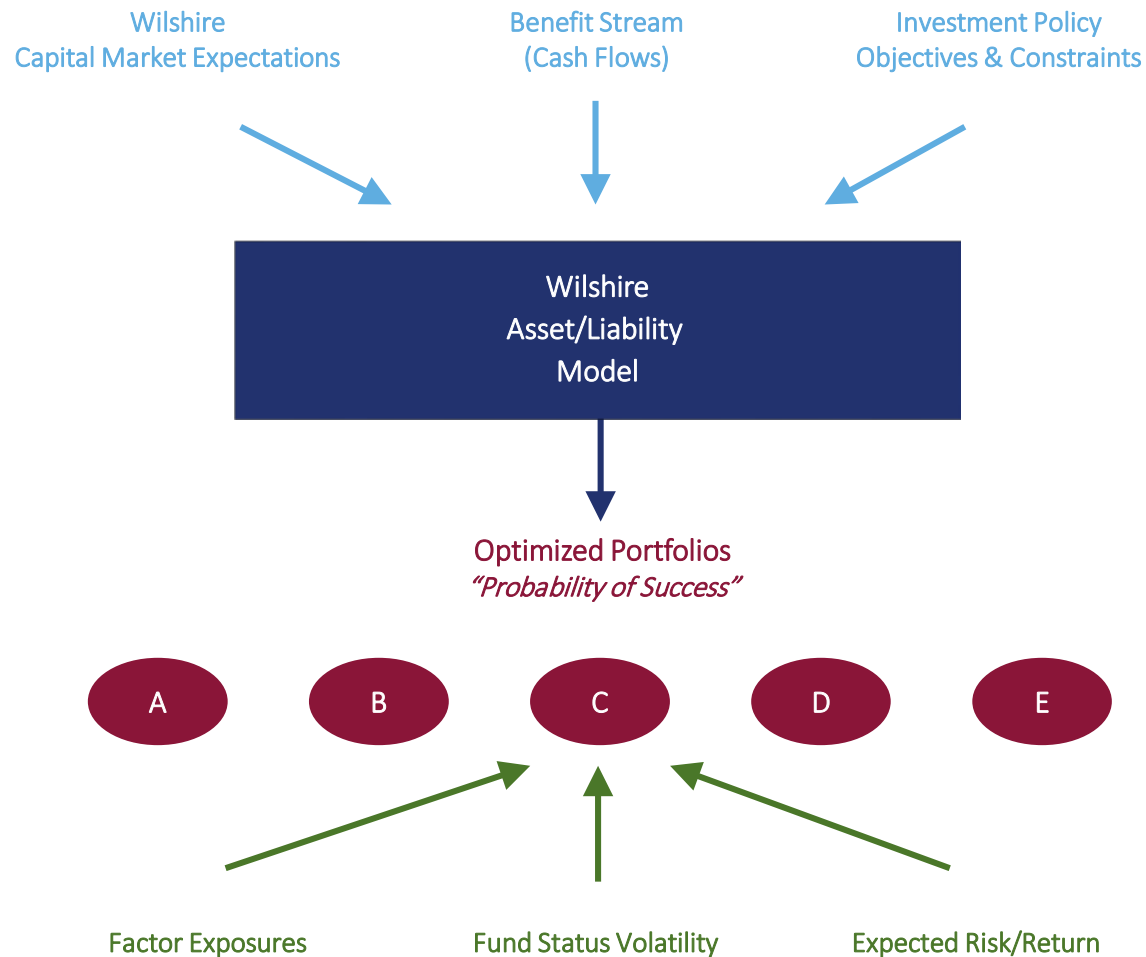
Liquidity: Balance near-term needs, long-term opportunities

Active: Ensure unique exposures

Emerging & Long-Term: Environmental, Social & Governance risks, such as externalities, intangibles and reputation may be linked to various risk lenses



Asset Allocation Process



- Wilshire believes the mission of a defined benefit plan is to fund benefits promised to participants
- The role of asset allocation is to manage risk in order to fulfill that core mission
 - Maximize safety of promised benefits
 - Minimize cost of funding these benefits
- Wilshire's Asset Liability Model provides methodology for selecting a target portfolio that considers both goals
- Rigorously developed capital market assumptions for risk and return (see appendix)
- Given that short-term volatility is also important, we identify the impact of the asset allocation decision on funded ratios, annual contribution requirements, and other metrics
- Strategic asset allocation is not a guide to outperforming in every market ... but it should provide a roadmap for success over a market cycle

Research & Education

Market/Economic & Topical

- Asset Allocation Return and Risk Assumptions Annual
- Midstream Energy Infrastructure: The Evolution of an Asset Class
- Hedge Funds 2.0: An Integrated Approach To Investing In Marketable Alternatives
- Cryptocurrencies: Thoughts and Concerns for Institutional Investors
- MLP Update: Implications of Recent Tax Code Changes
- Where's the "F" in ESG?
- Wilshire ESG Client Survey
- Recent Trends in Hedge Fund Fees: Say Goodbye to 2 & 20
- Benchmarking Risk Parity Portfolios
- Climate Change: Evolving Risks and Opportunities
- Wilshire Consulting's Risk Lenses – The Essential Nature of Risk
- European Credit Environment and Opportunity Set
- Implications of Rising Rates on Asset Performance
- Alternative Mutual Fund Strategies: Liquid Opportunities
- ESG Investing Update
- Measuring Up
- TIPS Return Drivers: Examples of Divergent TIPS Performance
- Liquidity Management: Bridge Over Troubled Water
- Forecasting Private Equity Returns: Building Return Assumptions in Private Markets
- Credit Opportunities: Perspectives on the Current Marketplace
- Factor-Based Asset Allocation

Asset Class/Strategic

- Returns as Far as the Eye Can See: Ultra-Long-Term Asset Class Assumptions
- Smart Beta: The Space between Alpha and Beta
- Economic Factor Portfolios: A Macro Lens for Understanding Market Behavior
- Gliding Into Balance: Glidepath Approach to Implementing Risk Parity
- Currency Management Today
- A Call for Patience: Keep Your Eye on the Horizon
- Considering the Alternatives: Alternative Risk/Return Strategies
- Bonds Gone Wild: The Role of Unconstrained Bond Strategies
- Recent Developments in Emerging Markets Debt
- Hedge Fund Style Assumptions: Methodology Overview
- Revisiting Home-Country Bias
- Alternative Equity-Weighting Strategies
- Bank Loans: A Special Credit Opportunity
- A Rebalancing Act: Implementing a Rebalancing Policy
- The Weighting is the Hardest Part, Dynamic Asset Allocation
- The Bucket List: Combining Assets Classes in Asset Allocation
- Opportunistic Investing
- Risk-Focused Diversification
- Implications of Return Non-normality on Asset Allocation
- Infrastructure Investing
- Incorporating Active Management... Over Active Imagination

Diversity

Workplace

- Adopted a policy that is committed to fostering, cultivating and preserving a culture of diversity, equity, inclusion and belonging
- Women's Group/Mentorship Program designed to attract, nurture and retain female talent
- All Company Connects with dedicated messaging designed to celebrate or raise awareness
- Executive Team Coffee Chats that engage and encourage smaller groups to discuss diversity and inclusion
- Regular CEO internal communications, honoring a broader range of holiday and historic events
- Wilshire-wide ESG & Diversity Committee, designed to ensure we uphold all stated principles

Industry Collaboration

- CEO pledge that aims to rally the business community to advance diversity and inclusion within the workplace
- HR participation in investment industry collaboration group, focused on sharing best practices
- Industry education and engagement around Diverse Owned Initiative, aiming to address inequality gap around access to capital, and publicly sharing all findings
- Strategic partnerships with groups such as Women In Institutional Investments Network (WIIIN), Toigo, NASP, National Black MBA Association, Association of Latino Professionals in Finance & Accounting

Development & Education

- Annually provide inclusive leadership and unconscious bias training for all employees
 - Specific courses for leaders to enhance their ability to serve as role models and advocates for diversity, equity, and inclusion in key talent management and organizational processes
- Retain highly sought after outside speakers with specialty expertise to reinforce training
- Professional membership support that encourages employees to engage in networking and professional development activities that aim to upskill
- In house professional and educational development sessions on a wide variety of topics that include dialogue opportunities with senior management, as well as Wilshire-wide networking opportunities

Recruiting & Retention

- Implemented diversity mandates within the hiring (interview) process
 - Require managers to evaluate diverse candidate pools and include diverse interviewers in the recruitment process
- Commitment to increase representation of women and underrepresented groups
 - Closely monitor progress to ensure commitments are met
- Inclusive paid parental leave program
- Hybrid remote / in-office working arrangements that reflect the needs of employees and Wilshire, as well as doing our part for the environment

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Agenda Item # 7.B. (Tab X)

Investments – Performance Update

NICA Investment Performance Update

Board of Directors Meeting

October 2021

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Investment Objectives

- Earn a sufficient investment return that ensures payment of all current and future liabilities
- Earn an investment return over and above that which is required to pay current and future liabilities to exert downward pressure on premium rates assessed to participating healthcare providers

Economic Highlights

- Real gross domestic product increased at an annual rate of 6.4 percent in the first quarter of 2021, boosted by stimulus measures and a broader reopening of the economy.
- Consumer confidence rose to its highest levels since the pandemic began, reflecting optimism over the economy and job market. In June 850,000 workers were added to the work force – the strongest job growth in 10 months.
- In May, the US consumer price index increased by 5.0% year on year, although some of the underlying details suggest that there are temporary factors at play, such as the rise in used car prices.
- The Federal Reserve Open Markets Committee (FOMC), kept the fed funds range steady at 0.00% -0.25%, in line with expectations. The committee affirmed that they were now “talking about talking about tapering”, but do not expect to introduce a potential reduction in the pace of asset purchases until maybe the fourth quarter.
- Oil prices rose due to strong demand from the continued reopening of the economy, as well as a sixth consecutive week of U.S. crude stockpile declines. WTI crude oil climbed to \$73.47 per barrel, bringing its year-to-date return to 51.4%.

Global Equity Returns – as of 6/30/2021

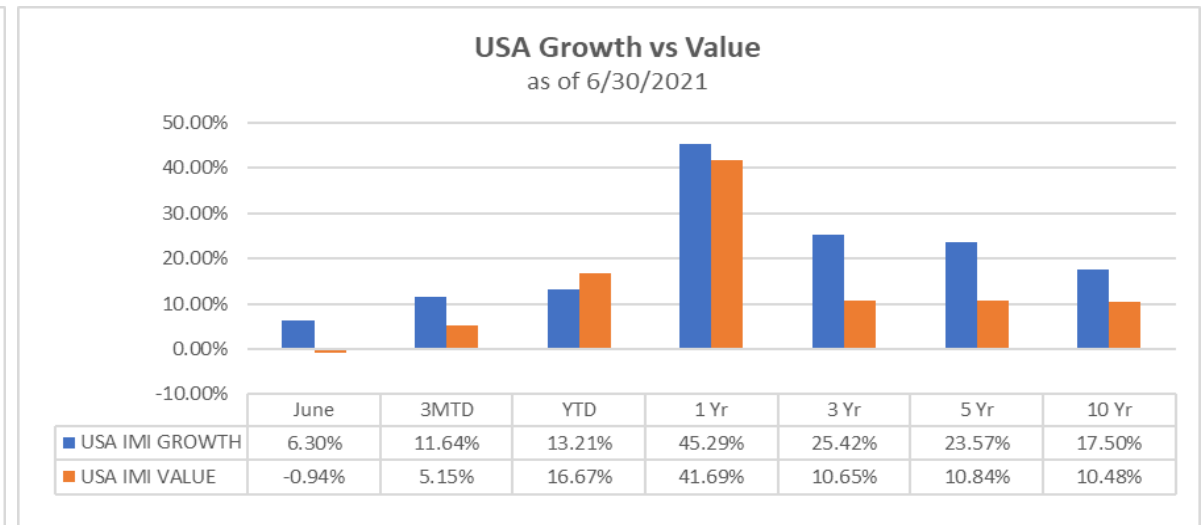
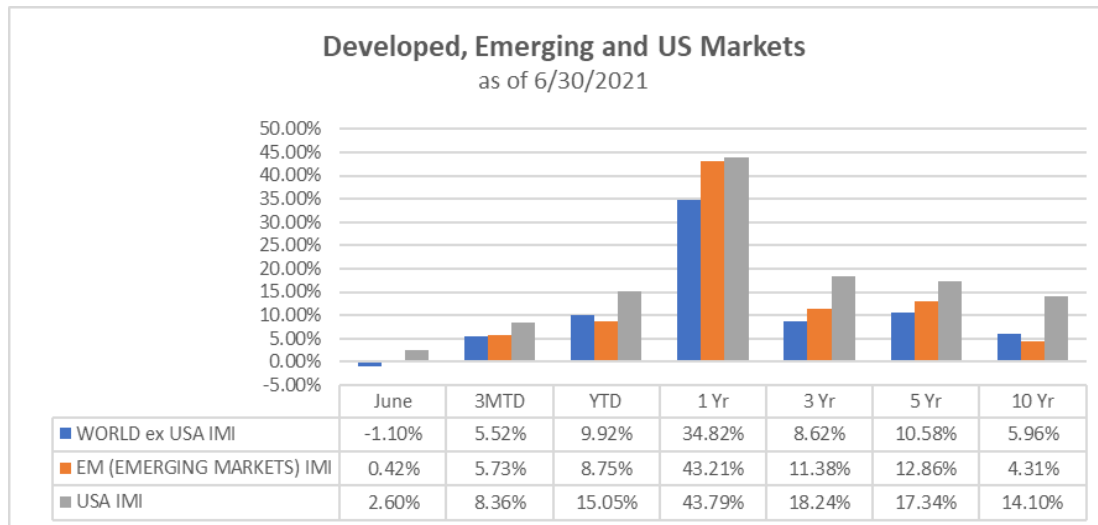
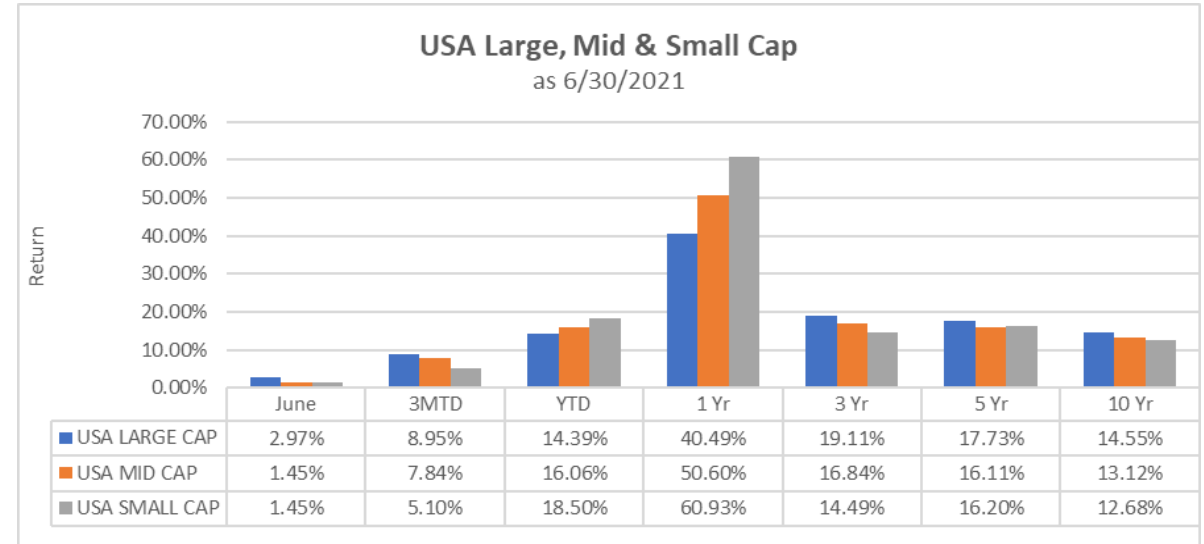
MSCI Index	June	QTR	1 Yr	3 Yr	5 Yr	10 Yr
ACWI IMI	1.207%	7.176%	40.937%	14.241%	14.548%	9.896%
ACWI ex USA IMI	-0.644%	5.597%	37.178%	9.425%	11.198%	5.655%
WORLD IMI	1.324%	7.386%	40.632%	14.596%	14.766%	10.633%
WORLD ex USA IMI	-1.103%	5.520%	34.818%	8.618%	10.577%	5.963%
EM (EMERGING MARKETS) IMI	0.424%	5.730%	43.206%	11.380%	12.859%	4.309%
USA	2.599%	8.356%	43.793%	18.241%	17.339%	14.104%
EUROPE EX UK	-1.293%	7.758%	37.823%	11.068%	12.326%	6.527%
UNITED KINGDOM IMI	-2.846%	5.664%	34.389%	2.541%	6.448%	4.348%
JAPAN IMI	-0.059%	-0.369%	24.268%	6.570%	9.917%	7.341%
EM ASIA IMI	0.402%	4.497%	43.478%	13.057%	14.879%	6.869%
CHINA IMI	0.096%	2.354%	28.191%	10.241%	16.056%	7.412%
INDIA IMI	0.074%	8.019%	61.831%	11.745%	12.114%	5.832%
EM LATIN AMERICA IMI	2.842%	15.559%	46.049%	5.663%	6.307%	-2.379%
EM EUROPE & MIDDLE EAST IMI	1.765%	10.934%	38.289%	9.512%	9.682%	-1.286%

Source: MSCI

- Global stocks continued to rally as many of the world's largest economies reopened and fiscal and monetary stimulus stoked investor optimism.
- U.S. stocks closed the quarter at record highs as investor optimism and the prospect of more fiscal stimulus mitigated concerns over higher inflation.
- European stocks rose boosted by additional government stimulus and looser pandemic related restrictions. Eurozone inflation moved moderately higher and the unemployment rate fell as hiring picked up.
- Emerging market stocks rose bolstered by strong demand for raw materials. Most emerging market currencies also gained against the dollar providing US-based investors with a tailwind.

Equity Market Comparisons

- U.S. stocks led the developed world higher as U.S. GDP grew at an annualized rate of 6.4% in the first quarter.
- Growth stocks outperformed value stocks for the first time in 3 quarters led by large tech companies. The energy sector continued to rally supported by a sharp rebound in driving activity and air travel.
- Smaller cap stocks underperformed larger cap stocks during the quarter but hold a healthy advantage over the trailing 12 months.



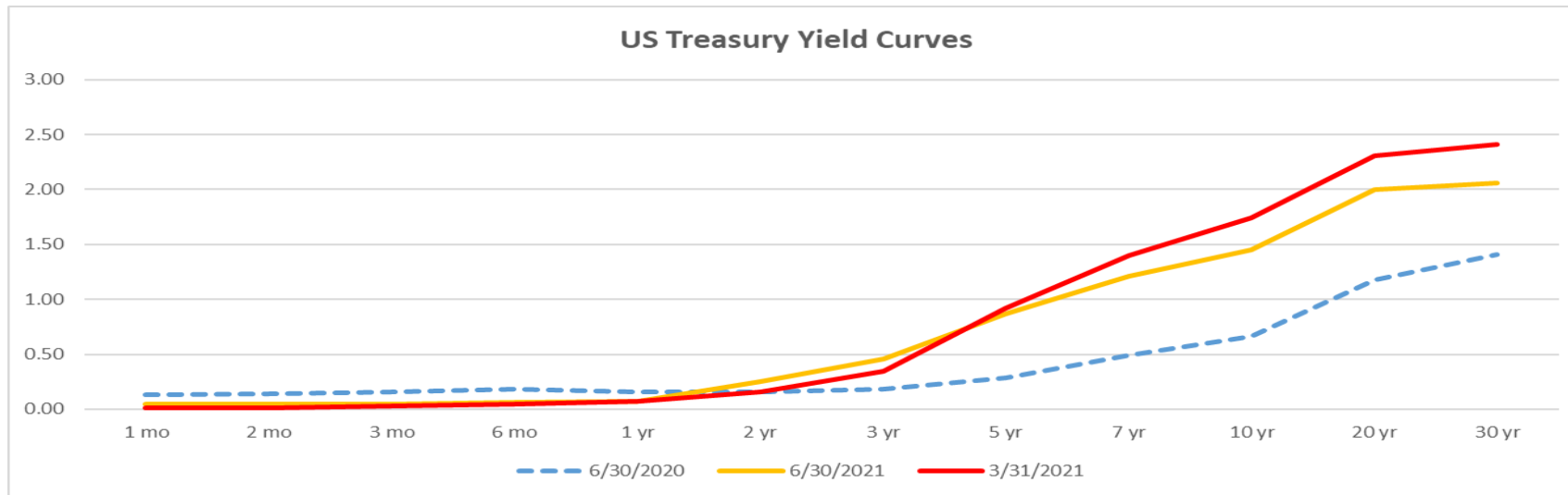
USD Dollar



- During the quarter, the USD fell modestly against a basket of major currencies falling against the Euro, GBP, CAD and CHF but rising against the JPY and AUD.
- In general, emerging market currencies rallied against the dollar as the central banks in several countries hiked interest rates.

US Treasury Rates

Date	1 mo	2 mo	3 mo	6 mo	1 yr	2 yr	3 yr	5 yr	7 yr	10 yr	20 yr	30 yr
6/30/2021	0.05	0.05	0.05	0.06	0.07	0.25	0.46	0.87	1.21	1.45	2.00	2.06
3/31/2021	0.01	0.01	0.03	0.05	0.07	0.16	0.35	0.92	1.40	1.74	2.31	2.41
6/30/2020	0.13	0.14	0.16	0.18	0.16	0.16	0.18	0.29	0.49	0.66	1.18	1.41
Change (QTR)	0.04	0.04	0.02	0.01	0.00	0.09	0.11	-0.05	-0.19	-0.29	-0.31	-0.35
Change (12 mos)	-0.08	-0.09	-0.11	-0.12	-0.09	0.09	0.28	0.58	0.72	0.79	0.82	0.65



- The yield curve flattened during the quarter with the yields on shorter maturities rising as the yield on longer maturities fell.
- The yield on the benchmark 10-year U.S. Treasury was down almost 30 bps from the end of March. This was a reversal from the sharp increase experienced in the first quarter when investors largely anticipated a rapid recovery.

Credit Spreads – Investment Grade



- Corporate credit spreads continued to tighten finishing the quarter at 86 bps amid ongoing optimism surrounding economic growth and the rollout of vaccinations.
- Fundamentally, corporate credit metrics continued to improve. Company earnings have strengthened and debt growth has slowed resulting in a decrease in corporate leverage from the post-pandemic peak.
- Performance for the quarter was positive with corporate credit returning 3.55%

Source: ICE Benchmark Administration Limited (IBA), ICE BofAML US Corporate Master Option-Adjusted Spread [BAMLC0A0CM], retrieved from FRED, Federal Reserve Bank of St. Louis; <https://fred.stlouisfed.org/series/BAMLC0A0CM>, July 7, 2021.

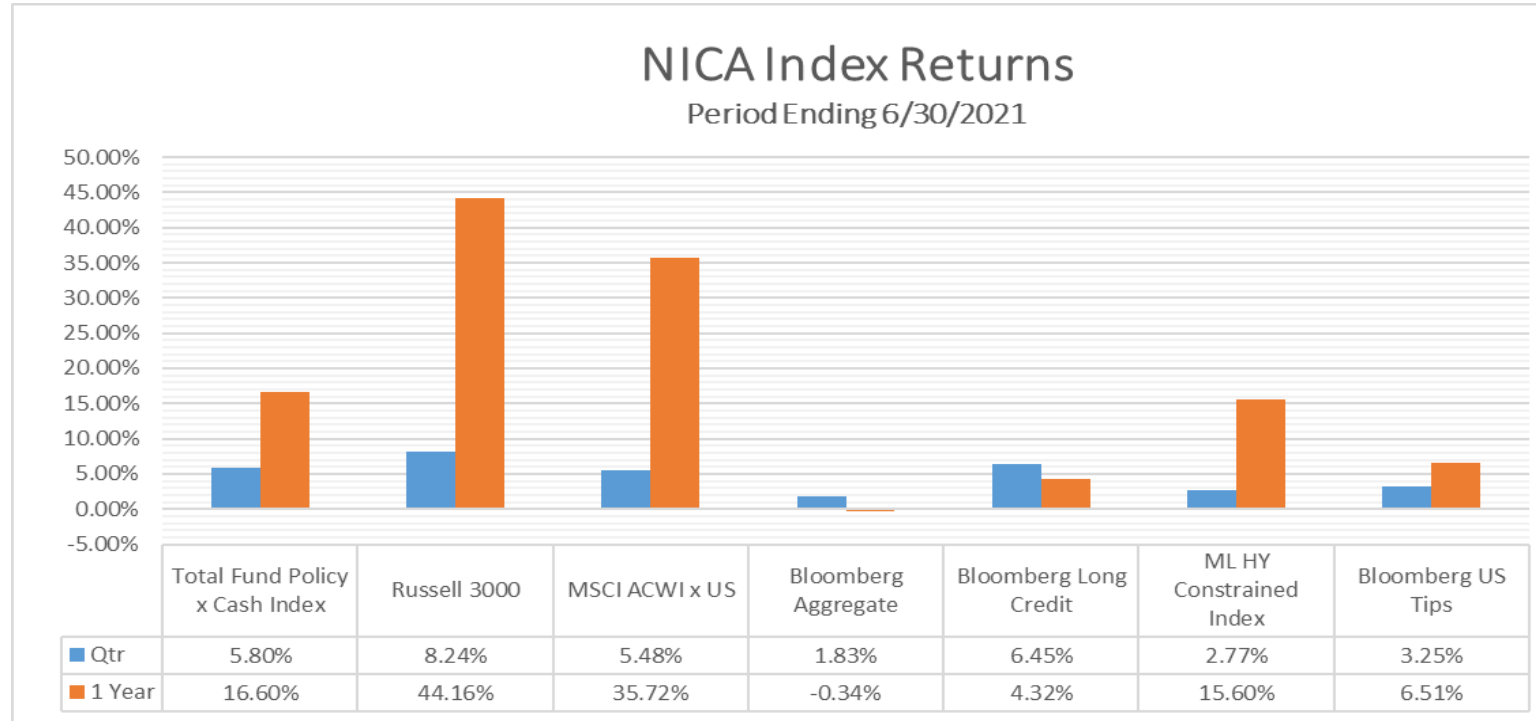
Credit Spreads – US High Yield



- Spreads on high yield bonds continue to grind lower against a strong economic backdrop coupled with improving default expectations. High yield spreads finished the quarter 32 bps tighter.
- High yield bond issuance surged over the last six months with refinancings accounting for a large portion as many companies try to get ahead of potential future rate increases.
- High yield bonds returned 2.77% for the quarter and 15.62% over the trailing 12 months.

Source: ICE Benchmark Administration Limited (IBA), ICE BofAML US High Yield Master II Option-Adjusted Spread [BAMLH0A0HYM2], retrieved from FRED, Federal Reserve Bank of St. Louis; <https://fred.stlouisfed.org/series/BAMLH0A0HYM2> July 7, 2021

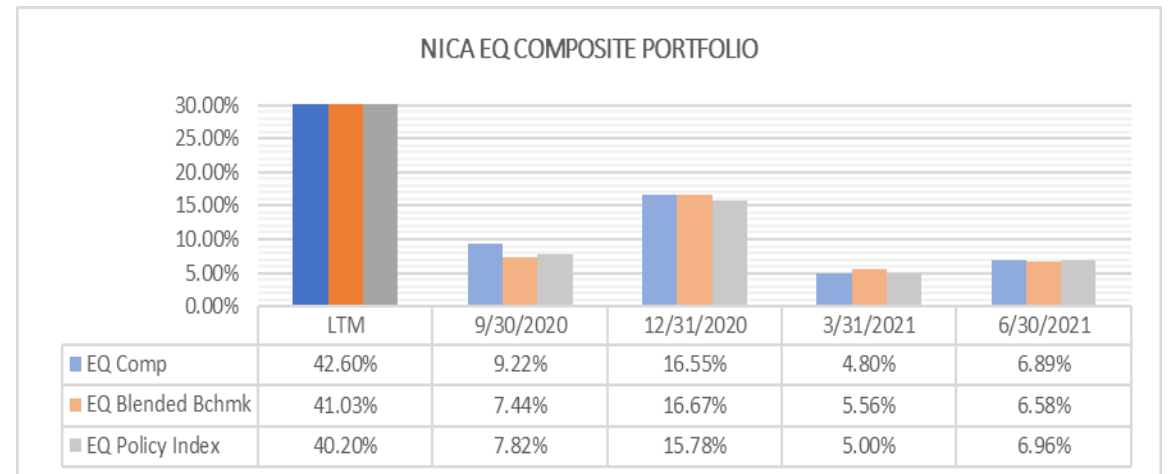
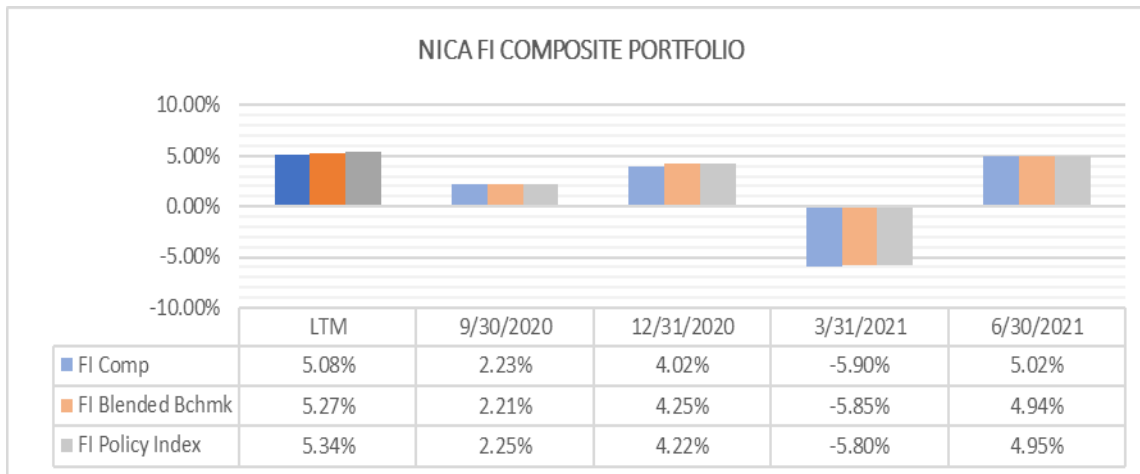
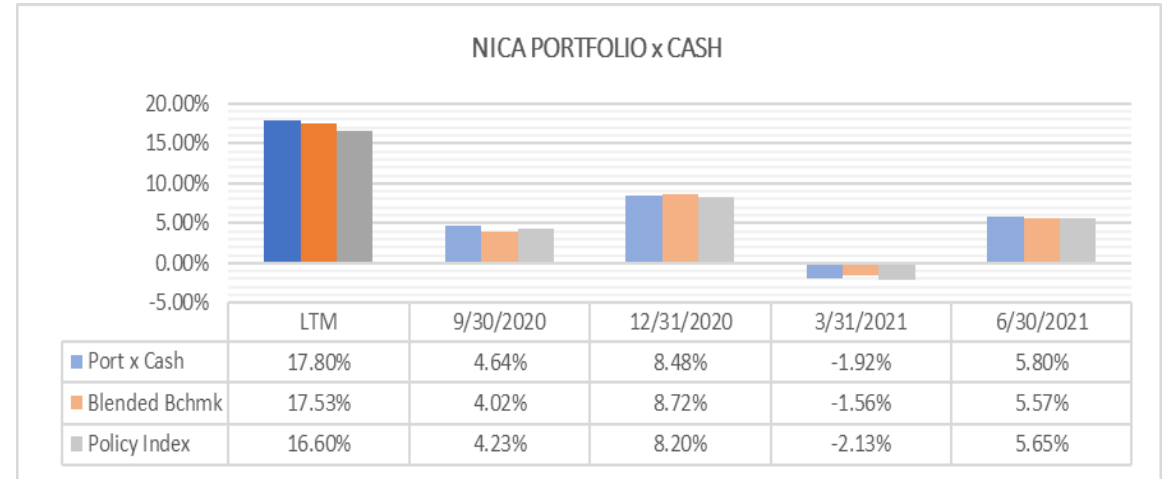
NICA Index Returns – Trailing 12 Months



- NICA's policy index ex cash returned 5.8% for the quarter led by U.S. and Foreign Equities.
- For the trailing 12 months the policy index returned 16.6% on the back of strong returns from U.S. and Foreign equities.

Trailing 12 Month Returns – Major Composites

- The portfolio returned 17.80% compared to the policy Index return of 16.60%.
- The smaller Equity Composite drove returns over the period returning 42.6% and beating its index by 240 bps.
- The Fixed Income Composite returned 5.08% over the trailing 12 months.



Performance through June 30, 2021

													7/26/2021 14:25			
							Annualized							Inception*	Inception*	Inception*
	Market Value	3 Month	6 Month	FYTD	CYTD	1 Year	2 Year	3 Year	4 Year	5 Year	8 Year	10 Year	Cumulative	Annualized	Date	
TF x Cash Policy Index		5.65	3.40	16.60	3.40	16.60	11.83	11.20	9.26	9.18	8.23	8.08	356.77	6.65	Dec-97	
Total Fund Composite x Cash	\$1,640,070,655	5.80	3.78	17.80	3.78	17.80	13.31	11.77	9.84	9.67	8.47	7.84	386.56	6.94	Dec-97	
TF Blended Benchmark As Invested		5.57	3.93	17.53	3.93	17.53	12.00	11.07	9.23	9.16	8.29	7.87	329.31	6.37	Dec-97	
FI Policy Allocation Benchmark		4.95	-1.14	5.34	-1.14	5.34	7.72	9.14	6.69	6.05	5.67	5.64	287.44	5.91	Dec-97	
Fixed Income Composite	\$1,029,150,454	5.02	-1.18	5.08	-1.18	5.08	8.07	9.31	6.86	6.15	5.70	5.70	266.71	5.66	Dec-97	
FI Blended Benchmark as Invested		4.94	-1.20	5.27	-1.20	5.27	7.68	9.08	6.65	5.98	5.84	5.73	284.55	5.88	Dec-97	
Eq Policy Allocation Benchmark		6.96	12.31	40.20	12.31	40.20	19.06	14.32	13.54	14.71	11.96	11.28	405.30	7.30	Jul-98	
Total Equity Composite	\$ 610,920,201	6.89	12.02	42.60	12.02	42.60	22.13	15.53	14.62	15.63	12.31	10.88	506.98	8.16	Jul-98	
Eq Blended Bmk as Invested		6.58	12.50	41.03	12.50	41.03	18.83	13.85	13.20	14.40	11.67	10.84	371.17	6.97	Jul-98	

- Since inception the portfolio has returned 6.94% almost 30 bps higher than its policy index return of 6.65%.

Program Highlights

Quarter Ending 6/30/2021

Fixed Income Composite Highlights – 2021Q2

- The Fixed Income Composite returned 5.02% and outperformed the Policy Allocation Benchmark of 4.95% for the quarter.
- Positive contributors to active performance:
 - Positive active returns in the Core Bond Composite. For the quarter, Sterling Capital returned 2.26% compared to 1.83% for the Bloomberg U.S. Aggregate Index.
- Negative contributors to active performance:
 - The portfolio is overweight core bonds within the Fixed Income Composite. This had a negative impact as core bonds underperformed the other fixed income composites.
- For the trailing 12 months the Fixed Income Composite returned 5.08% underperforming the Policy Allocation Benchmark return of 5.34% by 26 bps net of fees.

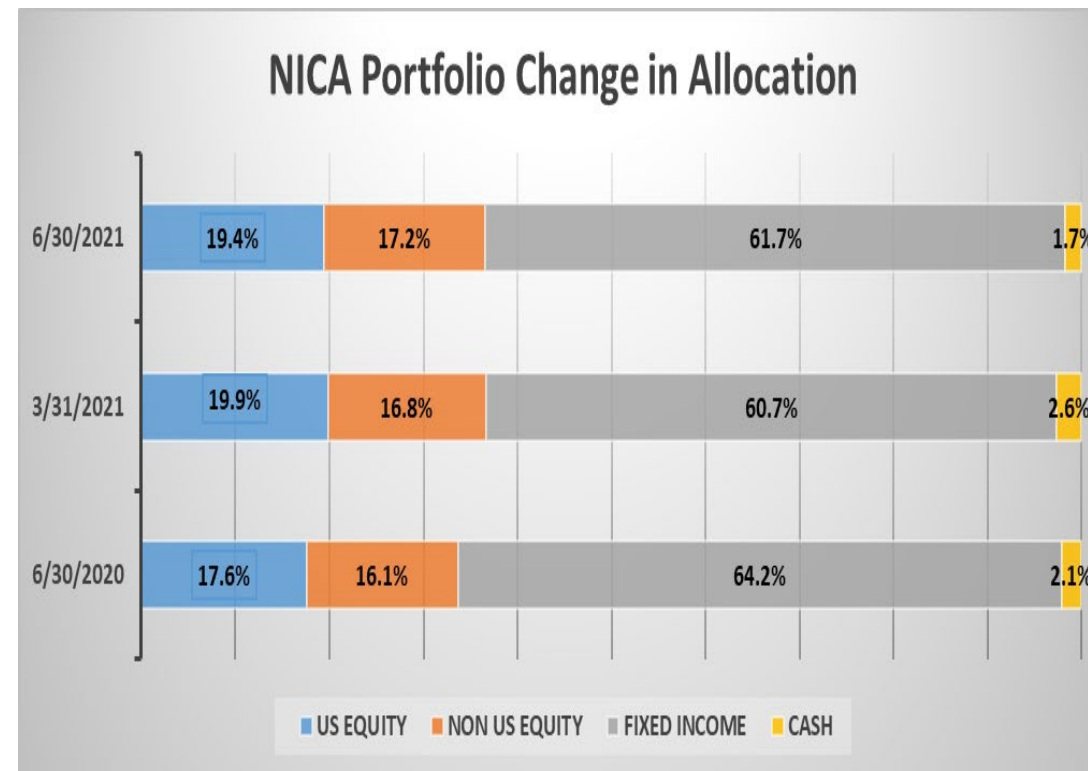
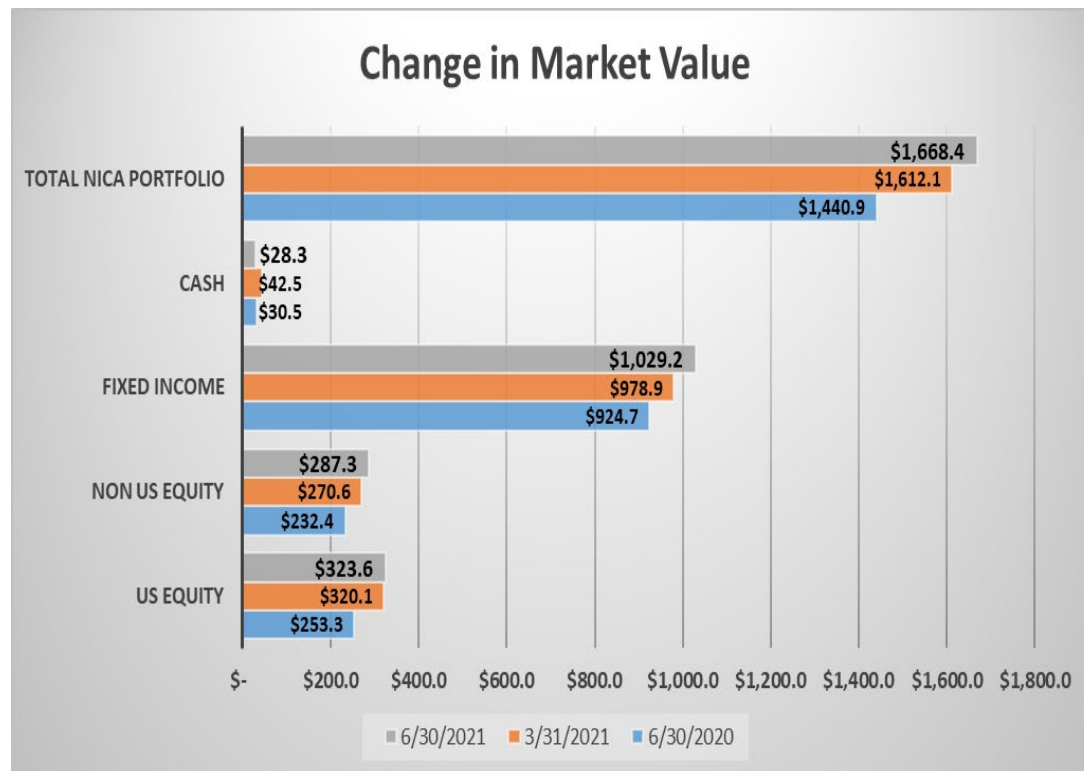
U.S. Equity Manager Highlights – 2021Q2

- The U.S. Equity Composite returned 7.50% for the quarter and underperformed the Russell 3000 index return of 8.24% by 74 bps net of fees.
- Positive contributors to active performance:
 - Panagora added value beating its benchmark by 50 bps net of fees.
- Negative contributors to active performance:
 - Wellington struggled during the quarter and underperformed its benchmark by 60 bps.
 - The overweight to small and mid cap stocks also had a negative impact as larger cap stocks outperformed during the quarter.
- For the trailing 12 months the U.S. Equity Composite returned 44.28% outperforming the Policy Allocation Benchmark return of 44.16% by 12 bps net of fees.

Non-U.S. Equity Manager Highlights – 2021Q2

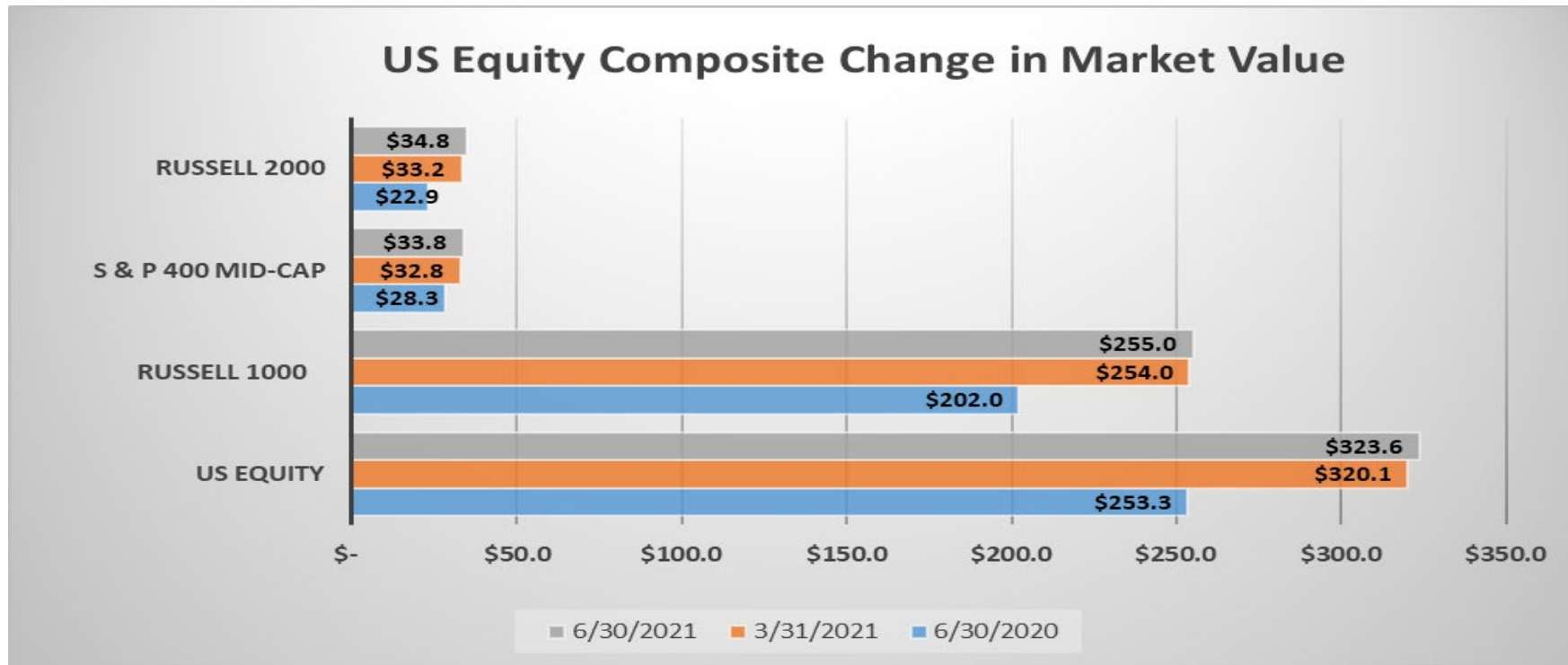
- The Non-U.S. Equity composite returned 6.19% net of fees and outperformed the MSCI ACWI ex U.S. benchmark return of 5.48%.
- Positive contributors to active performance:
 - Schroders returned 5.56% beating its value benchmark return by 123 bps net of fees.
 - NICA's overweight to Baillie Gifford (growth) added value – as growthier stocks outperformed value during the quarter.
- Negative contributor to active performance
 - Baillie Gifford modestly underperformed its style benchmark for the quarter.
- For the trailing 12 months the Non-U.S. Equity Composite returned 40.58% outperforming the Policy Allocation Benchmark return of 35.72% by 487 bps net of fees.

Portfolio Profile



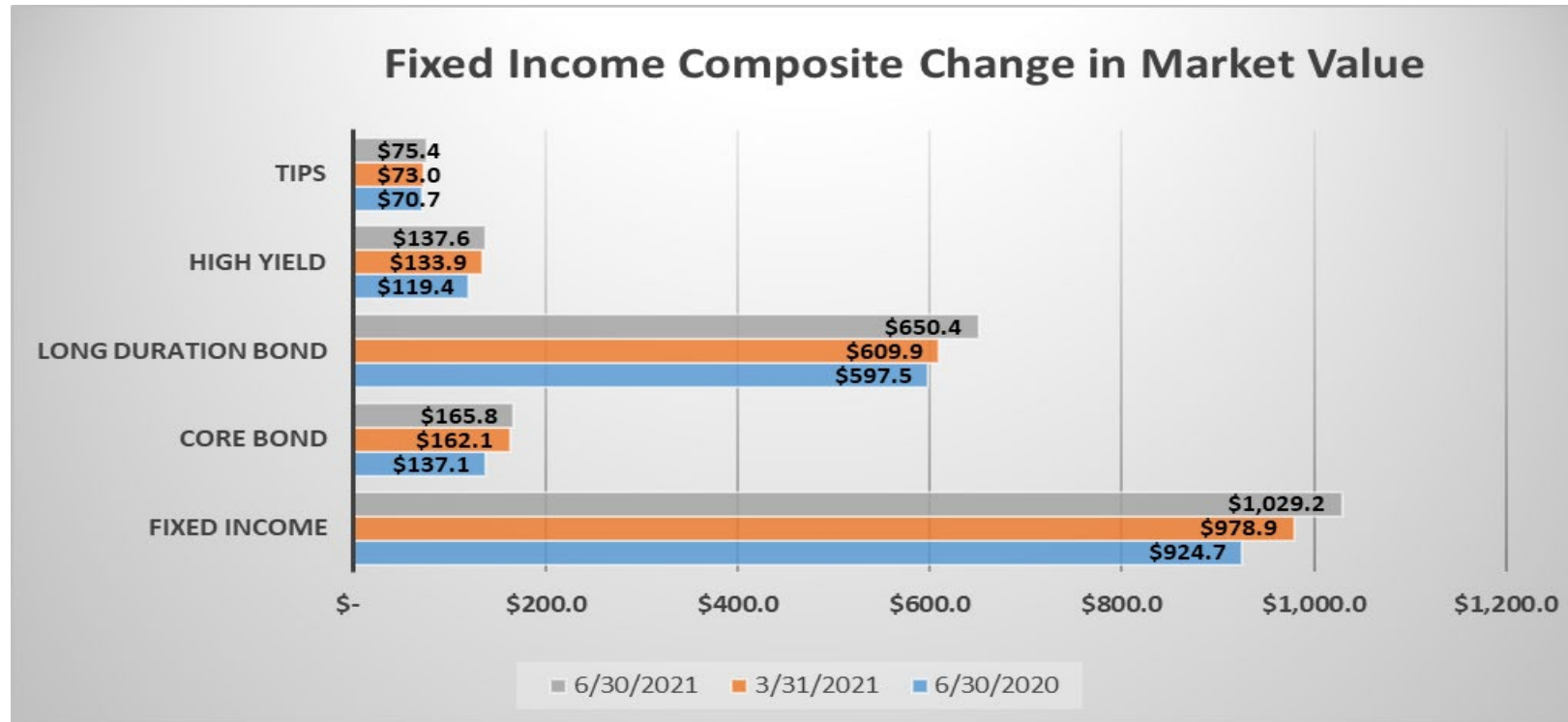
- Total market value was \$56 million higher than the prior quarter end and just over \$225 million higher than the prior fiscal year end. The gain in value was due primarily to strong returns experienced in equity markets.
- As a result of the strong relative performance in equity markets the portfolio is now overweight equities and underweight fixed income assets.

Portfolio Profile: US Equity Composite



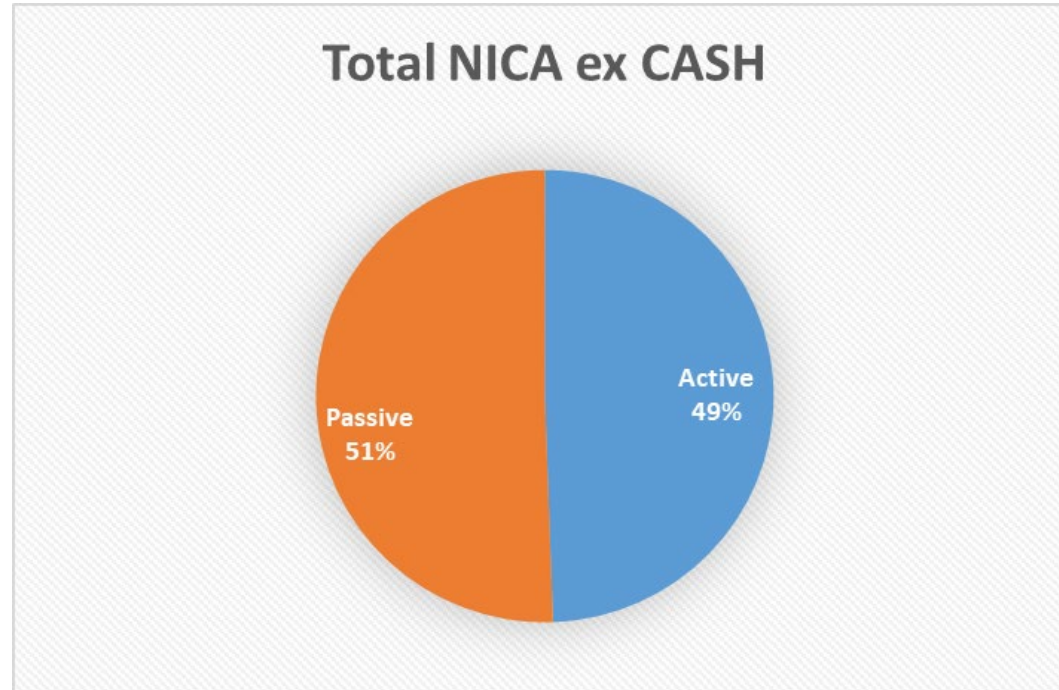
- Returns in U.S. Equity markets have had a significant impact on the portfolio over the past 12 months.

Portfolio Profile: Fixed Income Composite



- Positive returns in Fixed Income markets have lifted the market value of the composite higher over the last 12 months.

Portfolio Profile: Active – Passive Split

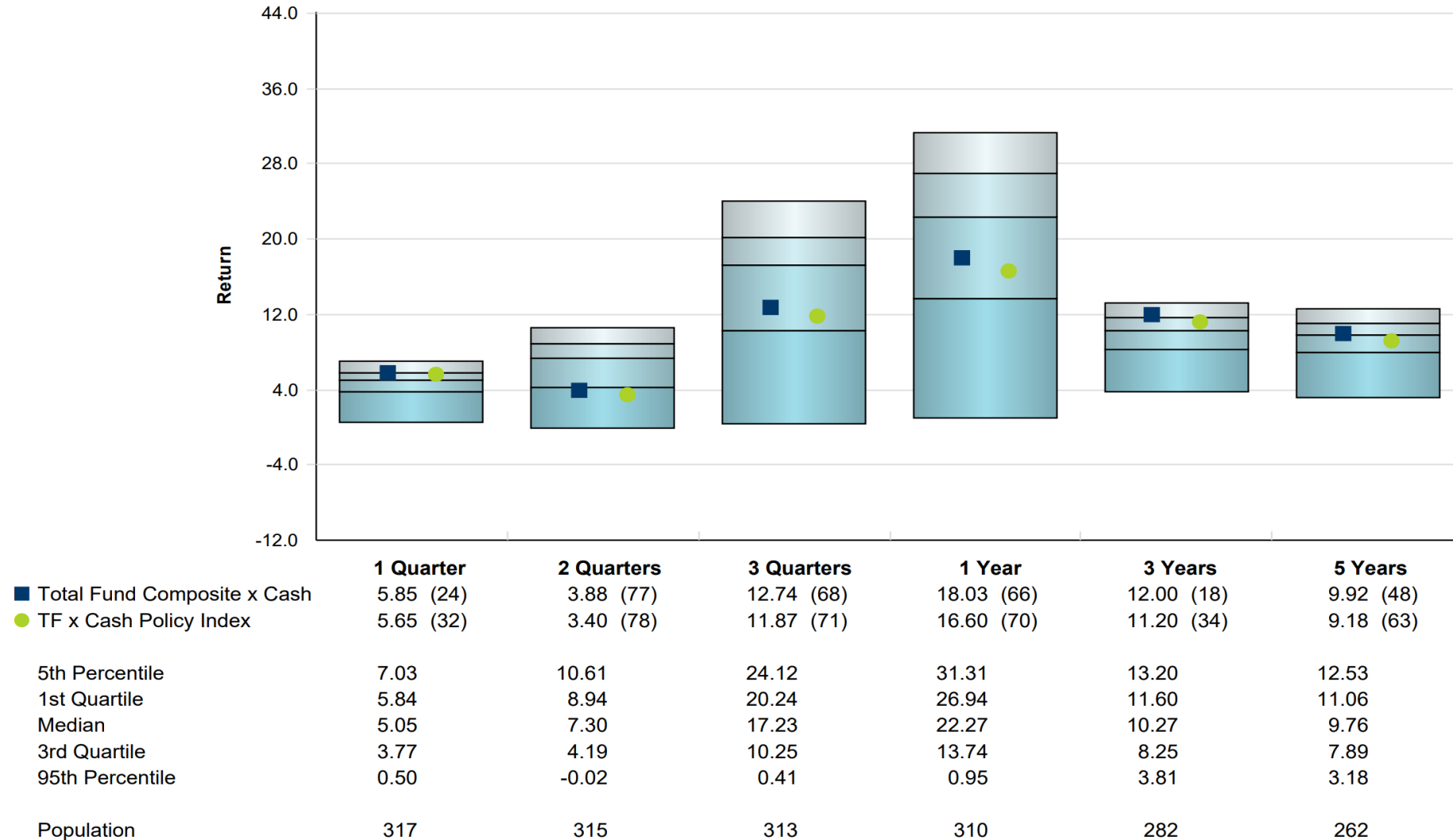


- Overall, the fund is slightly more passive.
- The U.S. Equity and Fixed Income Composites are more passive with the Non-U.S. Equity composite being 100% actively managed.

Plan Sponsor Peer Group Analysis

Total Fund Composite x Cash vs All HealthCare-Total Fund

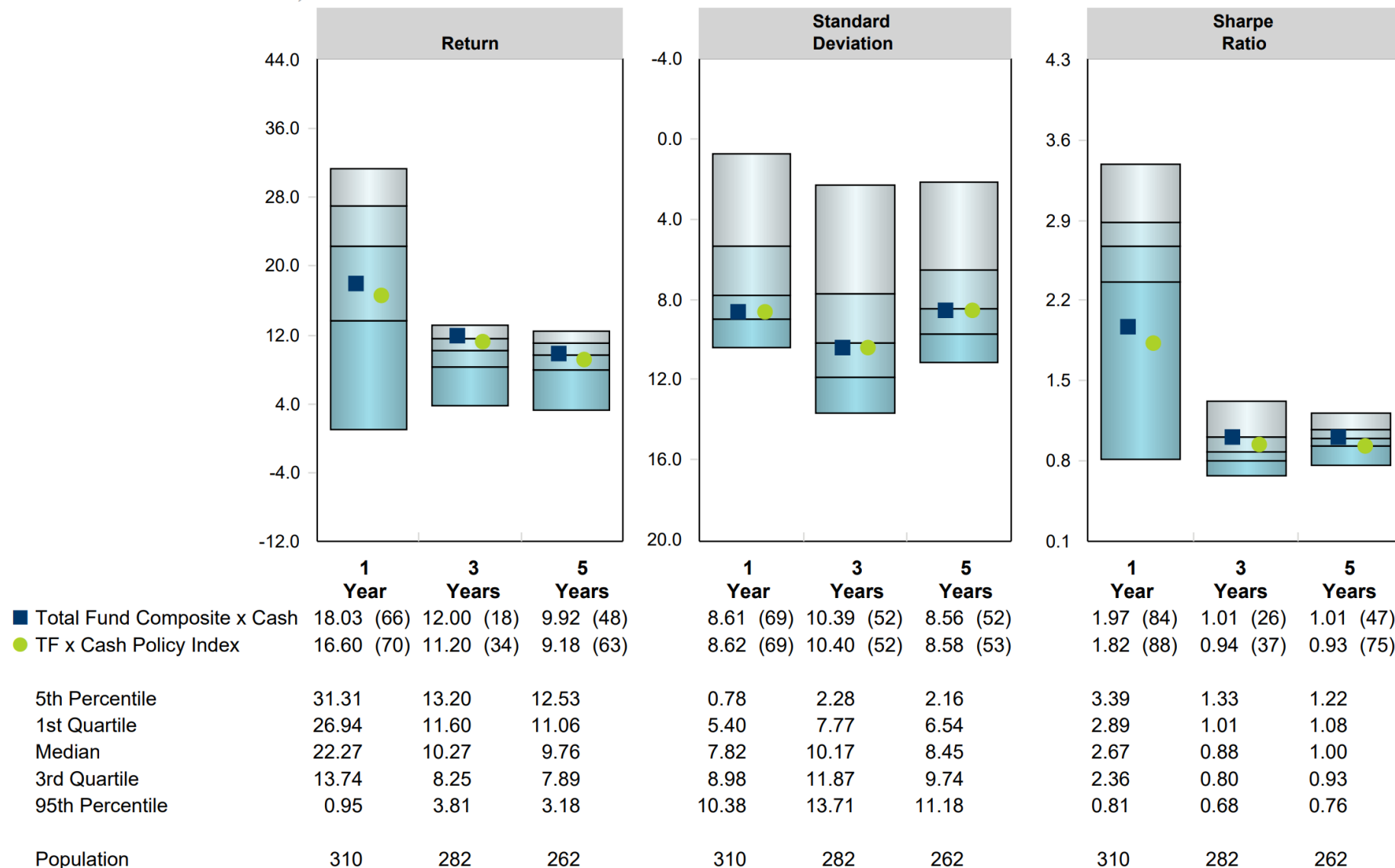
Periods Ended June 30, 2021



Plan Sponsor Peer Group Analysis - Multi Statistics

Total Fund Composite x Cash vs All HealthCare-Total Fund

Periods Ended June 30, 2021

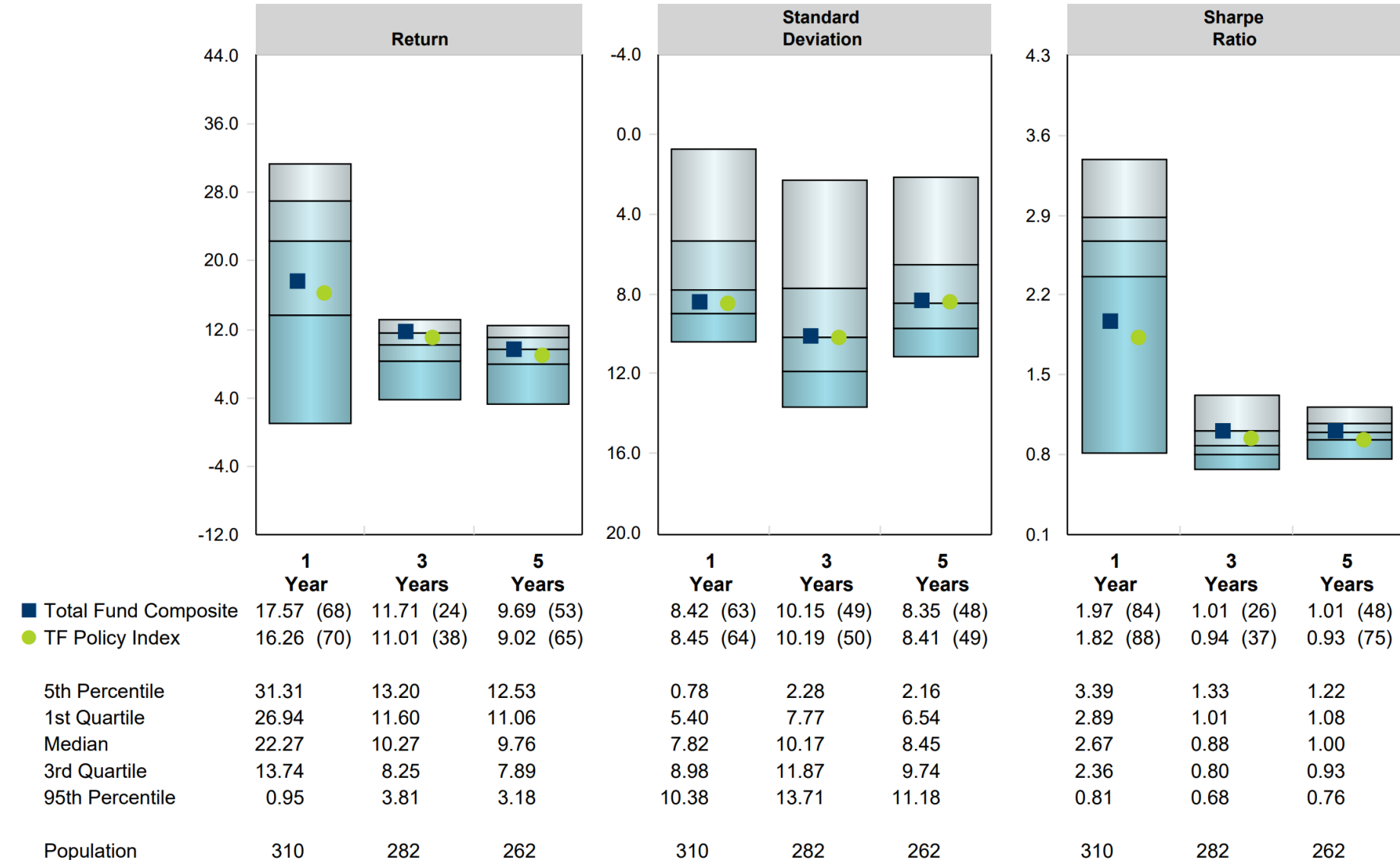


Parentheses contain percentile rankings.
Calculation based on monthly periodicity.

Plan Sponsor Peer Group Analysis - Multi Statistics

Total Fund Composite vs All HealthCare-Total Fund

Periods Ended June 30, 2021



Parentheses contain percentile rankings.
Calculation based on monthly periodicity.

June 2021 WATCHLIST SUMMARY

Manager	Mkt Value (\$MM)	Net Performance as of June 30, 2021 (%)				Date of Initial Watchlist Status	Notes and Recommendations
		1-Year Value Added	3-Year Value Added	5-Year Value Added	5-Year Performance Ranking		
PanAgora Asset Management	34.8	-4.91	-2.45	-1.22	2	3/31/2020	The manager's 5 year performance is below benchmark. Continue to monitor.

		WATCHLIST TRIGGERED BY 5 YR RELATIVE PERFORMANCE				WATCHLIST TRIGGERED BY TWO OR MORE 4Q RANKINGS*				
Manager	Mkt Value (\$MM)	Net Performance as of June 30, 2021 (%)				Gross Performance Rankings as of June 30, 2021				
		1-Year Value Added	3-Year Value Added	5-Year Value Added	Watchlist Check	3-Year Performance	3-Year Information Ratio	5-Year Performance	5-Year Information Ratio	Watchlist Check
Wellington Management	33.8	-10.15	2.72	3.47		2	2	1	1	
PanAgora Asset Management	34.8	-4.91	-2.45	-1.22	X	3	4	2	3	
Schroders (vs. value index and universe)	100.9	1.35	1.32	-		3	3	-	-	
Baillie Gifford (vs. growth index and universe)	186.3	7.44	3.53	2.70		1	1	2	1	
Sterling Capital Management	165.8	2.29	1.02	0.86		1	1	1	1	
MetLife	289.1	-1.64	0.52	0.62		2	2	1	2	

* Investment Metrics Peer Universe Rankings (Quartiles)

Notes

1. The ICE BofAML Option-Adjusted Spreads (OASs) are the calculated spreads between a computed OAS index of all bonds in a given rating category and a spot Treasury curve. An OAS index is constructed using each constituent bond's OAS, weighted by market capitalization. The Corporate Master OAS uses an index of bonds that are considered investment grade (those rated BBB or better). When the last calendar day of the month takes place on the weekend, weekend observations will occur as a result of month ending accrued interest adjustments.

Agenda Item # 7.C. (Tab Y)

Investments – Performance Review



WILSHIRE

Wilshire Consulting



NICA

Monthly Investment Summary

September 30, 2021

Wilshire

MARKET COMMENTARY

Quarter Ended September 30, 2021

U.S. Economy and Markets

- The U.S. stock market, represented by the FT Wilshire 5000 IndexSM, was up 0.14% for the third quarter of 2021.
- A slim majority of the eleven sectors were in positive territory, with Financials (+2.6%) and Utilities (+1.2%) representing the best performing sectors. The worst performing sector this quarter was Materials (-4.6%), which represents a relatively small segment of the U.S. market, with a weight of 2.3%.
- From a size perspective, large-cap outperformed small-cap during the quarter. While growth stocks outperformed value within the large-cap segment of the market, growth trailed value within small-cap.

International Economy and Markets

- Performance results within international equity markets were mixed during the third quarter, with developed markets generally positive (in local currency terms) against a meaningful drop within emerging markets. The main sources of weakness were South Korea (-13.2%) and China (-18.1%), the latter of which comprises one-third of the emerging market index.
- Economic conditions in the U.K. appear to be rapidly deteriorating. The Office for National Statistics said that the economy grew by just 0.1% in July, hampered by supply-chain issues and Covid-19 infections. At the same time, inflation has spiked, with consumer prices in the U.K. rising 3.2% in August.
- Germany, Europe's largest economy, is also facing a slowdown while the country's Ifo Index, which measures the business climate, fell for the third month in a row in September. Angela Merkel is set to step down as chancellor after 16 years following an election held just before quarter-end.
- Problems in China include an over-indebted real estate market where a slowdown could result in a drop in personal consumption and property investment.

Fixed Income & Real Assets

- The U.S. Treasury yield curve was up, generally, during the quarter, with yields in the 3- to 10-year maturity range rising the most. The 10-year Treasury yield ended the quarter at 1.49%, up two basis points from June.
- Credit spreads widened, with the spread on the broad high yield market closing the quarter at 2.89%.
- The FOMC met twice during the quarter, as scheduled, with no change to their overnight rate. Through the Fed's "dot plot," they are messaging that the current intent is for a 25 basis point increase in the overnight rate before the end of 2022. Their median forecast for year-end 2023 is for a Fed funds rate of 1.0%.
- Real estate securities were up during the third quarter in the U.S. but down abroad. Gains by sector were led by Apartments (+7.8%) and Residential (+6.7%). Laggards were generally found in the Factory Outlets (-12.7%), Hotels (-2.6%) and Health Care (-2.5%) sectors.
- Commodity results were positive for the quarter, as crude oil was up 2.1% to \$75.03 per barrel. There was some weakness elsewhere in commodity markets, however, particularly within metals and agriculture. Natural gas prices were up 60.7% during the third quarter, ending at \$5.87 per million BTUs. Natural gas prices are now up 125% during the past six months. Midstream energy fell after three strong quarters.
- Finally, gold prices were down -0.9% and finished at approximately \$1,755 per troy ounce.

Monthly Index Performance

Periods Ended September 30, 2021

	Performance (%)					
	1 Month	QTD	YTD	1 Year	3 Years	5 Years
U.S. Equity						
FT Wilshire 5000 Total Market TR Index	-4.43	0.14	15.62	32.35	16.19	17.01
S&P 500	-4.65	0.58	15.92	30.00	15.99	16.90
FT Wilshire 4500 Completion Index	-3.50	-1.77	14.05	46.33	16.51	16.95
MSCI USA Minimum Volatility Index	-4.97	0.26	9.60	17.19	11.11	12.45
U.S. Equity by Size/Style						
FT Wilshire U.S. Large-Cap Index	-4.60	0.45	15.61	30.86	16.72	17.59
FT Wilshire U.S. Large-Cap Growth Index	-5.26	1.27	15.51	30.26	20.87	21.56
FT Wilshire U.S. Large-Cap Value Index	-3.73	-0.62	14.72	30.35	11.97	12.60
FT Wilshire U.S. Small-Cap Index	-2.71	-2.97	15.39	51.11	11.17	13.36
FT Wilshire U.S. Small-Cap Growth Index	-3.33	-3.77	8.20	40.37	12.99	15.64
FT Wilshire U.S. Small-Cap Value Index	-1.72	-1.81	23.31	63.01	9.40	10.65
FT Wilshire U.S. Micro-Cap Index	-3.18	-6.12	24.94	64.85	9.50	12.94
Non-U.S. Equity (USD)						
MSCI AC World ex USA (Net)	-3.20	-2.99	5.90	23.92	8.03	8.94
MSCI ACWI ex USA Minimum Volatility Index (Net)	-2.62	0.68	6.62	15.27	5.37	6.26
MSCI EAFE Index (Net)	-2.90	-0.45	8.35	25.73	7.62	8.81
MSCI Emerging Markets (Net)	-3.97	-8.09	-1.25	18.20	8.58	9.23
MSCI AC World ex USA Small Cap (Net)	-3.04	0.00	12.23	33.06	10.33	10.28
U.S. Fixed Income						
Blmbg. U.S. Aggregate	-0.87	0.05	-1.56	-0.90	5.35	2.94
Blmbg. U.S. Treasury: Long	-2.86	0.47	-7.49	-10.27	9.22	3.31
Blmbg. U.S. Long Corporate Index	-1.90	-0.12	-2.55	2.46	10.54	6.32
Blmbg. U.S. TIPS	-0.72	1.75	3.51	5.19	7.45	4.34
Blmbg. U.S. Credit Index	-1.07	-0.03	-1.30	1.45	7.10	4.37
Blmbg. U.S. Corp: High Yield	-0.01	0.89	4.53	11.28	6.91	6.52
S&P LSTA Leverage Loan Index	0.64	1.10	4.35	8.33	4.12	4.57

Asset Allocation & Performance

NICA

Periods Ended September 30, 2021

	Allocation		Performance (%) net of fees							
	Market Value \$	%	1 Month	FYTD 07/01/21	CYTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
US Equity Composite	322,041,199	19.60	-4.24	-0.48	14.08	32.50	15.01	16.53	9.08	7/1/1998
Russell 3000 Index			-4.49	-0.10	14.99	31.88	16.00	16.85	8.20	
Value Added			0.25	-0.38	-0.91	0.62	-0.99	-0.32	0.88	
Non-US Equity Composite	274,854,322	16.73	-4.49	-4.29	4.40	22.14	11.42	10.80	6.58	6/1/2005
MSCI ACWI X US (N)			-3.20	-2.99	5.90	23.92	8.03	8.94	6.27	
Value Added			-1.29	-1.30	-1.50	-1.78	3.39	1.86	0.31	
Core Bond Composite	165,718,133	10.08	-0.77	-0.04	-0.94	0.62	6.24	3.69	4.85	12/1/1997
Blmbg. U.S. Aggregate			-0.87	0.05	-1.56	-0.90	5.35	2.94	4.83	
Value Added			0.10	-0.09	0.62	1.52	0.89	0.75	0.02	
Long Duration Composite	649,106,695	39.50	-2.01	-0.08	-2.68	1.59	10.45	6.32	7.55	4/1/2010
Blmbg. Barc. Long Credit			-1.97	-0.18	-2.66	2.13	10.20	6.14	7.52	
Value Added			-0.04	0.10	-0.02	-0.54	0.25	0.18	0.03	
High Yield Composite	138,855,514	8.45	-0.01	0.92	4.48	11.08	6.44	5.85	5.88	3/1/2011
ICE BofAML US High Yield Master II Constrained			0.04	0.95	4.68	11.46	6.59	6.34	6.35	
Value Added			-0.05	-0.03	-0.20	-0.38	-0.15	-0.49	-0.47	
TIPS Composite	76,696,211	4.67	-0.72	1.76	3.53	5.22	7.54	4.47	3.87	3/1/2014
Blmbg. U.S. TIPS			-0.72	1.75	3.51	5.19	7.45	4.34	3.76	
Value Added			0.00	0.01	0.02	0.03	0.09	0.13	0.11	
Total Fund Composite x Cash	1,627,272,074	99.03	-2.55	-0.77	2.97	11.70	10.78	8.78	6.83	12/1/1997
TF x Cash Policy Index			-2.27	-0.38	3.01	11.45	10.29	8.36	6.56	
Value Added			-0.28	-0.39	-0.04	0.25	0.49	0.42	0.27	
TF Policy Benchmark as Invested			-2.33	-0.52	3.38	12.40	10.12	8.33	6.34	
Value Added			-0.22	-0.25	-0.41	-0.70	0.66	0.45	0.49	

Asset Allocation & Performance

NICA

Periods Ended September 30, 2021

	Allocation		Performance (%) net of fees							
	Market Value \$	%	1 Month	FYTD 07/01/21	CYTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
SPIA-NICA Fund 1 Composite	15,951,326	0.97	0.01	0.02	0.07	0.10	1.20	1.41	3.00	7/1/1999
90 Day US Treasury Bill			0.01	0.02	0.04	0.07	1.18	1.15	1.70	
Value Added			0.00	0.00	0.03	0.03	0.02	0.26	1.30	
Total Fund Composite	1,643,223,401	100.00	-2.53	-0.77	2.87	11.38	10.51	8.58	9.33	2/1/2009
TF Policy Index			-2.23	-0.37	2.95	11.22	10.12	8.22	9.80	
Value Added			-0.30	-0.40	-0.08	0.16	0.39	0.36	-0.47	

Asset Allocation & Performance

NICA

Periods Ended September 30, 2021

	Allocation		Performance (%) net of fees							
	Market Value \$	%	1 Month	FYTD 07/01/21	CYTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
INTECH Investment Mgmt. LLC	2,850	0.00								
Russell 1000 Value Index										
Value Added										
US Large Cap Value Composite	2,850	0.00								
Russell 1000 Value Index										
Value Added										
Wellington Management	32,625,146	1.99	-4.47	-3.53	4.59	32.17	12.78	15.90	11.64	1/1/2002
S&P MidCap 400 Index			-3.97	-1.76	15.52	43.68	11.08	12.97	10.27	
Value Added			-0.50	-1.77	-10.93	-11.51	1.70	2.93	1.37	
US Mid Cap Core Composite	32,625,146	1.99	-4.47	-3.53	4.59	32.17	12.78	15.90	11.64	1/1/2002
S&P MidCap 400 Index			-3.97	-1.76	15.52	43.68	11.08	12.97	10.27	
Value Added			-0.50	-1.77	-10.93	-11.51	1.70	2.93	1.37	
PanAgora Asset Mgmt.	33,917,547	2.06	-1.22	-2.53	17.00	47.91	8.86	13.23	14.06	11/1/2012
Russell 2000 Index			-2.95	-4.36	12.41	47.68	10.54	13.45	13.26	
Value Added			1.73	1.83	4.59	0.23	-1.68	-0.22	0.80	
US Small Cap Core Composite	33,917,547	2.06	-1.22	-2.53	17.00	47.91	8.86	13.23	8.00	7/1/2000
Russell 2000 Index			-2.95	-4.36	12.41	47.68	10.54	13.45	8.49	
Value Added			1.73	1.83	4.59	0.23	-1.68	-0.22	-0.49	
BlackRock Russell 1000 Index	255,495,656	15.55	-4.59	0.21	15.17	30.92	16.46	17.14	16.59	8/1/2016
Russell 1000 Index			-4.59	0.21	15.19	30.96	16.43	17.11	16.57	
Value Added			0.00	0.00	-0.02	-0.04	0.03	0.03	0.02	

Asset Allocation & Performance

NICA

Periods Ended September 30, 2021

	Allocation		Performance (%) net of fees							
	Market Value \$	%	1 Month	FYTD 07/01/21	CYTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
BlackRock Equity Transition		0.00								
US Equity Composite	322,041,199	19.60	-4.24	-0.48	14.08	32.50	15.01	16.53	9.08	7/1/1998
Russell 3000 Index			-4.49	-0.10	14.99	31.88	16.00	16.85	8.20	
Value Added			0.25	-0.38	-0.91	0.62	-0.99	-0.32	0.88	

Asset Allocation & Performance

NICA

Periods Ended September 30, 2021

	Allocation		Performance (%) net of fees							
	Market Value \$	%	1 Month	FYTD 07/01/21	CYTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
Baring Asset Management	2,782	0.00								
MSCI ACWI X US (N)										
Value Added										
Franklin Templeton Investments	83,590	0.01								
Blended Policy										
Value Added										
Schroder QEP Int'l Value	97,817,183	5.95	-2.14	-3.01	10.74	30.86	4.95		4.19	9/1/2017
MSCI AC World ex USA (Net)			-3.20	-2.99	5.90	23.92	8.03		6.77	
Value Added			1.06	-0.02	4.84	6.94	-3.08		-2.58	
MSCI AC World ex USA Value (Net)			-2.04	-2.32	9.11	31.38	3.81		3.38	
Value Added			-0.10	-0.69	1.63	-0.52	1.14		0.81	
Baillie Gifford	176,950,768	10.77	-5.75	-4.99	1.47	18.18	15.28	13.06	9.09	3/1/2014
MSCI AC World ex USA (Net)			-3.20	-2.99	5.90	23.92	8.03	8.94	5.20	
Value Added			-2.55	-2.00	-4.43	-5.74	7.25	4.12	3.89	
MSCI AC World ex USA Growth (Net)			-4.30	-3.62	2.66	16.95	11.94	11.22	7.52	
Value Added			-1.45	-1.37	-1.19	1.23	3.34	1.84	1.57	
Non-US Equity Composite	274,854,322	16.73	-4.49	-4.29	4.40	22.14	11.42	10.80	6.58	6/1/2005
MSCI ACWI X US (N)			-3.20	-2.99	5.90	23.92	8.03	8.94	6.27	
Value Added			-1.29	-1.30	-1.50	-1.78	3.39	1.86	0.31	
Total Equity Composite	596,895,521	36.32	-4.36	-2.28	9.46	27.58	13.39	13.84	7.96	7/1/1998
Eq Policy Allocation Benchmark			-3.88	-1.45	10.68	28.14	12.25	13.14	7.15	
Value Added			-0.48	-0.83	-1.22	-0.56	1.14	0.70	0.81	
Eq Blended Bmk as Invested			-3.83	-1.67	10.63	29.08	11.83	12.80	6.82	
Value Added			-0.53	-0.61	-1.17	-1.50	1.56	1.04	1.14	

Asset Allocation & Performance

NICA

Periods Ended September 30, 2021

	Allocation		Performance (%) net of fees							
	Market Value \$	%	1 Month	FYTD 07/01/21	CYTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
BlackRock U.S. Debt Idx Fund	276	0.00								
Blmbg. U.S. Aggregate Value Added										
Sterling Capital Mgmt. LLC	165,717,857	10.08	-0.77	-0.04	-0.94	0.62	6.24	3.74	4.64	4/1/2009
Blmbg. U.S. Aggregate Value Added			-0.87 0.10	0.05 -0.09	-1.56 0.62	-0.90 1.52	5.35 0.89	2.94 0.80	3.92 0.72	
Core Bond Composite	165,718,133	10.08	-0.77	-0.04	-0.94	0.62	6.24	3.69	4.85	12/1/1997
Blmbg. U.S. Aggregate Value Added			-0.87 0.10	0.05 -0.09	-1.56 0.62	-0.90 1.52	5.35 0.89	2.94 0.75	4.83 0.02	
BlackRock Long Term Credit	360,822,568	21.96	-1.93	-0.14	-2.72	2.06	10.14	6.11	5.79	8/1/2016
Blmbg. U.S. Long Credit Value Added			-1.97 0.04	-0.18 0.04	-2.66 -0.06	2.13 -0.07	10.20 -0.06	6.14 -0.03	5.83 -0.04	
MetLife	288,284,127	17.54	-2.10	-0.01	-2.64	0.92	10.92	6.64	7.31	3/1/2014
Blmbg. U.S. Long Credit Value Added			-1.97 -0.13	-0.18 0.17	-2.66 0.02	2.13 -1.21	10.20 0.72	6.14 0.50	6.85 0.46	
Long Duration Composite	649,106,695	39.50	-2.01	-0.08	-2.68	1.59	10.45	6.32	7.55	4/1/2010
Blmbg. Barc. Long Credit Value Added			-1.97 -0.04	-0.18 0.10	-2.66 -0.02	2.13 -0.54	10.20 0.25	6.14 0.18	7.52 0.03	

Asset Allocation & Performance

NICA

Periods Ended September 30, 2021

	Allocation		Performance (%) net of fees							
	Market Value \$	%	1 Month	FYTD 07/01/21	CYTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
BlackRock High Yield Index	138,855,514	8.45	-0.01	0.92	4.48	11.08	6.44	6.01	5.30	8/1/2014
High Yield Policy Index			0.04	0.95	4.68	11.46	6.60	6.20	5.48	
Value Added			-0.05	-0.03	-0.20	-0.38	-0.16	-0.19	-0.18	
High Yield Composite	138,855,514	8.45	-0.01	0.92	4.48	11.08	6.44	5.85	5.88	3/1/2011
ICE BofAML US High Yield Master II Constrained			0.04	0.95	4.68	11.46	6.59	6.34	6.35	
Value Added			-0.05	-0.03	-0.20	-0.38	-0.15	-0.49	-0.47	
BlackRock TIPS	76,696,211	4.67	-0.72	1.76	3.53	5.22	7.54	4.47	3.87	3/1/2014
Blmbg. U.S. TIPS			-0.72	1.75	3.51	5.19	7.45	4.34	3.76	
Value Added			0.00	0.01	0.02	0.03	0.09	0.13	0.11	
TIPS Composite	76,696,211	4.67	-0.72	1.76	3.53	5.22	7.54	4.47	3.87	3/1/2014
Blmbg. U.S. TIPS			-0.72	1.75	3.51	5.19	7.45	4.34	3.76	
Value Added			0.00	0.01	0.02	0.03	0.09	0.13	0.11	
Fixed Income Composite	1,030,376,553	62.70	-1.45	0.19	-0.99	2.99	9.00	5.76	5.61	12/1/1997
FI Policy Allocation Benchmark			-1.42	0.17	-0.97	3.20	8.82	5.59	5.85	
Value Added			-0.03	0.02	-0.02	-0.21	0.18	0.17	-0.24	
FI Blended Benchmark as Invested			-1.44	0.15	-1.05	3.15	8.74	5.59	5.82	
Value Added			-0.01	0.04	0.06	-0.16	0.26	0.17	-0.21	

Asset Allocation & Performance

NICA

Periods Ended September 30, 2021

	Allocation		Performance (%) net of fees							
	Market Value \$	%	1 Month	FYTD 07/01/21	CYTD	1 Year	3 Years	5 Years	Since Inception	Inception Date
Total Fund Composite x Cash	1,627,272,074	99.03	-2.55	-0.77	2.97	11.70	10.78	8.78	6.83	12/1/1997
TF x Cash Policy Index			-2.27	-0.38	3.01	11.45	10.29	8.36	6.56	
Value Added			-0.28	-0.39	-0.04	0.25	0.49	0.42	0.27	
TF Policy Benchmark as Invested			-2.33	-0.52	3.38	12.40	10.12	8.33	6.34	
Value Added			-0.22	-0.25	-0.41	-0.70	0.66	0.45	0.49	
SPIA	276,652	0.02								
NICA Fund 1	15,674,674	0.95	0.01	0.02	0.07	0.10	1.18	3.77	4.61	2/1/2009
90 Day US Treasury Bill			0.01	0.02	0.04	0.07	1.18	1.15	0.52	
Value Added			0.00	0.00	0.03	0.03	0.00	2.62	4.09	
SPIA-NICA Fund 1 Composite	15,951,326	0.97	0.01	0.02	0.07	0.10	1.20	1.41	3.00	7/1/1999
90 Day US Treasury Bill			0.01	0.02	0.04	0.07	1.18	1.15	1.70	
Value Added			0.00	0.00	0.03	0.03	0.02	0.26	1.30	
Total Fund Composite	1,643,223,401	100.00	-2.53	-0.77	2.87	11.38	10.51	8.58	9.33	2/1/2009
TF Policy Index			-2.23	-0.37	2.95	11.22	10.12	8.22	9.80	
Value Added			-0.30	-0.40	-0.08	0.16	0.39	0.36	-0.47	

FYTD Cash Flow Summary

Total Fund Composite

July 1, 2021 To September 30, 2021

	Begin Value	Net Cash Flow	Fees	Expenses	Capital Apprec./ Deprec.	End Value
Total Fund Composite	1,668,398,621	-12,372,062	-810,737	-142,681	-11,849,741	1,643,223,401
Total Fund Composite x Cash	1,640,070,655	2,938	-810,737	-135,769	-11,855,013	1,627,272,074
Total Equity Composite	610,920,201	2,938	-527,098	-105,404	-13,395,116	596,895,521
US Equity Composite	323,606,088	2,938	-147,222	-22,633	-1,397,972	322,041,199
BlackRock Equity Transition						
BlackRock Russell 1000 Index	254,965,618		-12,822		542,860	255,495,656
US Large Cap Growth Composite						
BlackRock Russell 1000 Growth						
US Large Cap Value Composite		2,938		-88		2,850
INTECH Investment Mgmt. LLC		2,938		-88		2,850
US Mid Cap Core Composite	33,830,660		-61,436	-10,441	-1,133,637	32,625,146
Wellington Management	33,830,660		-61,436	-10,441	-1,133,637	32,625,146
US Small Cap Core Composite	34,809,810		-72,965	-12,103	-807,195	33,917,547
PanAgora Asset Mgmt.	34,809,810		-72,965	-12,103	-807,195	33,917,547
Non-US Equity Composite	287,314,113		-379,876	-82,771	-11,997,144	274,854,322

FYTD Cash Flow Summary

Total Fund Composite

July 1, 2021 To September 30, 2021

	Begin Value	Net Cash Flow	Fees	Expenses	Capital Apprec./ Deprec.	End Value
Baillie Gifford	186,276,149		-217,178	-35,012	-9,073,191	176,950,768
Baring Asset Management	2,847				-65	2,782
Franklin Templeton Investments	85,533				-1,943	83,590
Schroder QEP Int'l Value	100,949,585		-162,699	-47,759	-2,921,945	97,817,183
Fixed Income Composite	1,029,150,454		-283,638	-30,365	1,540,103	1,030,376,553
Core Bond Composite	165,797,068		-63,751	-12,725	-2,458	165,718,133
BlackRock U.S. Debt Idx Fund	276					276
Sterling Capital Mgmt. LLC	165,796,792		-63,751	-12,725	-2,458	165,717,857
Long Duration Composite	650,396,831		-172,856	-17,640	-1,099,640	649,106,695
BlackRock Long Term Credit	361,339,587		-37,261		-479,758	360,822,568
MetLife	289,057,245		-135,594	-17,640	-619,883	288,284,127
High Yield Composite	137,586,690		-41,439		1,310,263	138,855,514
BlackRock High Yield Index	137,586,690		-41,439		1,310,263	138,855,514
TIPS Composite	75,369,865		-5,592		1,331,938	76,696,211

FYTD Cash Flow Summary

Total Fund Composite

July 1, 2021 To September 30, 2021

	Begin Value	Net Cash Flow	Fees	Expenses	Capital Apprec./ Deprec.	End Value
BlackRock TIPS	75,369,865		-5,592		1,331,938	76,696,211
SPIA-NICA Fund 1 Composite	28,327,966	-12,375,000		-6,912	5,272	15,951,326
NICA Fund 1	28,051,984	-12,375,000		-6,829	4,519	15,674,674
SPIA	275,981			-83	753	276,652

June 2021 WATCHLIST SUMMARY

Manager	Mkt Value (\$MM)	Net Performance as of June 30, 2021 (%)				Date of Initial Watchlist Status	Notes and Recommendations
		1-Year Value Added	3-Year Value Added	5-Year Value Added	5-Year Performance Ranking		
PanAgora Asset Management	34.8	-4.91	-2.45	-1.22	2	3/31/2020	The manager's 5 year performance is below benchmark. Continue to monitor.

WATCHLIST TRIGGERED BY 5 YR RELATIVE PERFORMANCE						WATCHLIST TRIGGERED BY TWO OR MORE 4Q RANKINGS*				
Manager	Mkt Value (\$MM)	Net Performance as of June 30, 2021 (%)				Gross Performance Rankings as of June 30, 2021				
		1-Year Value Added	3-Year Value Added	5-Year Value Added	Watchlist Check	3-Year Performance	3-Year Information Ratio	5-Year Performance	5-Year Information Ratio	Watchlist Check
Wellington Management	33.8	-10.15	2.72	3.47		2	2	1	1	
PanAgora Asset Management	34.8	-4.91	-2.45	-1.22	X	3	4	2	3	
Schroders (vs. value index and universe)	100.9	1.35	1.32	-		3	3	-	-	
Baillie Gifford (vs. growth index and universe)	186.3	7.44	3.53	2.70		1	1	2	1	
Sterling Capital Management	165.8	2.29	1.02	0.86		1	1	1	1	
MetLife	289.1	-1.64	0.52	0.62		2	2	1	2	

* Investment Metrics Peer Universe Rankings (Quartiles)

Agenda Item # 8. (Tab Z)

**Audited Financial Statements
June 30, 2021**

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Financial Statements
and Other Financial Information



Florida Birth Related Neurological Injury Compensation Association

*Years ended June 30, 2021 and 2020
with Report of Independent Auditors*

Florida Birth Related Neurological Injury Compensation Association

Financial Statements
and Other Financial Information

Years ended June 30, 2021 and 2020

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Report of Independent Auditors

Board of Directors
Florida Birth Related Neurological Injury Compensation Association

Report on the Financial Statements

We have audited the accompanying financial statements of Florida Birth Related Neurological Injury Compensation Association (NICA) which comprise the statements of net position as of June 30, 2021 and 2020, the related statements of revenues, expenses, and changes in net position, and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

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Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Florida Birth Related Neurological Injury Compensation Association, as of June 30, 2021 and 2020, and the changes in its financial position and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis on pages 4 through 10 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

The other financial information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audits of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the other financial information is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

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Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated NEED DATE on our consideration of NICA's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of NICA's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering NICA's internal control over financial reporting and compliance.

Tallahassee, Florida
NEED DATE

Our discussion and analysis of the Florida Birth-Related Neurological Injury Compensation Association's (NICA) financial performance provides an overview of the Association's financial activities for the fiscal year ended June 30, 2021. Please read it in conjunction with NICA's basic financial statements, which begin on page 11. NICA was established by *Florida Statutes 766.315* to administer the Florida Birth-Related Neurological Injury Compensation Plan (the Plan). The Plan was established pursuant to the *Florida Birth-Related Neurological Injury Compensation Act*, Chapter 88-1, Laws of Florida, beginning January 1, 1989, and was created for the purpose of providing limited recovery, irrespective of fault, for certain birth-related neurological injuries. The Association and Plan referenced in the Florida Statutes are collectively known as NICA.

During the fiscal year ending June 30, 2021, the Florida Legislature passed SB 1786 which made substantial changes to the NICA program. As of June 30, 2021, approximately \$26 million in benefits related to SB 1786 had been paid. The actuarial estimate of the present value of additional benefits to be paid as a result of SB 1786 was approximately \$101 million and is reflected in Claims Reserves.

The following summarizes the key changes made by the legislative changes.

- The Auditor General shall, at least once every 3 years, conduct an operational audit of the Florida Birth-Related Neurological Injury Compensation Association. Each operational audit shall include, at a minimum, an assessment of compliance with ss. 766.303- 766.315, and compliance with the public records and public meetings laws of this state. The first operational audit must be completed by August 15, 2021.
- The association shall administer the Plan in a manner that promotes and protects the health and best interests of children with birth-related neurological injuries.
- At a minimum, compensation must be provided for the following actual expenses:
 1. A total annual benefit of up to \$10,000 for immediate family members who reside with the infant for psychotherapeutic services obtained from providers licensed under chapter 490 or chapter 491.
 2. For the life of the child, providing parents or legal guardians with a reliable method of transportation for the care of the child or reimbursing the cost of upgrading an existing vehicle to accommodate the child's needs when it becomes medically necessary for wheelchair transportation. The mode of transportation must take into account the special accommodations required for the specific child. The Plan may not limit such transportation assistance based on the child's age or weight. The plan must replace any vans purchased by the Plan every seven years or 150,000 miles, whichever comes first.
 3. Housing assistance of up to \$100,000 for the life of the child, including home construction and modification costs.

MANAGEMENT'S DISCUSSION AND ANALYSIS (continued)

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- The parents or legal guardians receiving benefits under the Plan may file a petition with the Division of Administrative Hearings to dispute the amount of actual expenses reimbursed or a denial of reimbursement.
- Beginning on January 1, 2021, the parental award may not exceed \$250,000, and each January 1 thereafter, the maximum award authorized shall increase by three percent. Parents or legal guardians who received an award before January 1, 2021, and whose child currently receives benefits under the Plan must receive a retroactive payment in an amount sufficient to bring the total award paid to the parents or legal guardians to \$250,000. This additional payment may be made in a lump sum or in periodic payments as designated by the parents or legal guardians and must be paid by July 1, 2021.
- The death benefit for an infant has been increased to \$50,000. Parents or legal guardians who received an award, and whose child died since the inception of the program, must receive a retroactive payment in an amount sufficient to bring the total death benefit award paid to the parents or legal guardians to \$50,000. This additional payment may be made in a lump sum or in periodic payments as designated by the parents or legal guardians and must be paid by July 1, 2021.
- A code of ethics is created and requires that on or before July 1 of each year, employees of NICA must sign and submit a statement attesting that they do not have a conflict of interest. As a condition of employment, all prospective employees must sign and submit to NICA a conflict-of interest statement. The executive director, senior managers, and members of the board of directors are subject to the code of ethics under part III of chapter 112. For purposes of applying part III of chapter 112 to activities of the executive director, senior managers, and members of the board of directors, those persons are considered public officers or employees and NICA is considered their agency. A board member may not vote on any measure that would inure to his or her special private gain or loss and, notwithstanding s. 112.3143(2), may not vote on any measure that he or she knows would inure to the special private gain or loss of any principal by whom he or she is retained or to the parent organization or subsidiary of a corporate principal by which he or she is retained, other than an agency as defined in s. 112.312; or that he or she knows would inure to the special private gain or loss of a relative or business associate of the public officer. Before the vote is taken, such member shall publicly state to the board the nature of his or her interest in the matter from which he or she is abstaining from voting and, within 15 days after the vote occurs, disclose the nature of his or her interest as a public record in a memorandum filed with the person responsible for recording the minutes of the meeting, who shall incorporate the memorandum in the minutes.
- An employee or board member may not knowingly accept, directly or indirectly, any gift or expenditure from a person or entity, or an employee or representative of such person or entity, which has a contractual relationship with NICA, or which is under consideration for a contract. Any senior manager or executive director of NICA who is employed on or after January 1, 2022, regardless of the date of hire, who subsequently retires or terminates employment is prohibited from representing another person or entity before NICA for two years after retirement or termination of employment from NICA.

- Directors are limited to no more than 6 consecutive years of service on the board.
- The board is increased to seven members, with the addition of a parent or guardian of an injured infant under the Plan, and a representative of an advocacy organization for children with disabilities. The citizen representative on the board may not be a representative of a participating physician, a hospital, a casualty insurer, a non-participating physician, a parent or guardian of an injured infant under the Plan, and a representative of an advocacy organization for children with disabilities.
- A participating physician who is named in a pending petition for a claim may not be appointed to the board. An appointed director who is a participating physician may not vote on any board matter relating to a claim accepted for an award for compensation if the physician is named in the petition.
- The Governor or the Chief Financial Officer of the state of Florida may remove a director from office for misconduct, malfeasance, misfeasance, or neglect of duty in office.
- All meetings of the board of directors are subject to the requirements of s. 286.011, (Florida's public records laws) and all books, records, and audits of the Plan are open to the public for reasonable inspection to the general public, except that a claim file remains confidential.
- Except in the case of emergency meetings, NICA shall give notice of any board meeting by publication on NICA's website not fewer than 7 days before the meeting. The association shall prepare an agenda in time to ensure that a copy of the agenda may be received at least 7 days before the meeting by any person who requests a copy and who pays the reasonable cost of the copy. The agenda, along with any meeting materials available in electronic form, excluding confidential and exempt information, shall be published on NICA's website. The agenda shall contain the items to be considered in order of presentation and a telephone number for members of the public to participate telephonically at the board meeting. After the agenda has been made available, a change shall be made only for good cause, as determined by the person designated to preside, and must be stated in the record. Notification of such change shall be at the earliest practicable time.
- The association shall furnish annually to each parent and legal guardian receiving benefits under the Plan either by mail or electronically a list of expenses compensable under the Plan.
- The association shall publish a report on its website by January 1, 2022, and every January 1 thereafter. The report shall include:
 - (a) The names and terms of each board member and executive staff member.
 - (b) The amount of compensation paid to each NICA employee.
 - (c) A summary of reimbursement disputes and resolutions.

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MANAGEMENT'S DISCUSSION AND ANALYSIS (continued)

- (d) A list of expenditures for attorney fees and lobbying fees.
- (e) Other expenses to oppose each plan claim. Any personal identifying information of the parent, legal guardian, or child 418 involved in the claim must be removed from this list. 419 (8)

• On or before November 1, 2021, and by each November 1 thereafter, NICA shall submit a report to the Governor, the President of the Senate, the Speaker of the House of Representatives, and the Chief Financial Officer. The report must include:

- (a) The number of petitions filed for compensation with the division, the number of claimants awarded compensation, the number of claimants denied compensation, and the reasons for the denial of compensation.
- (b) The number and dollar amount of paid and denied compensation for expenses by category and the reasons for any denied compensation for expenses by category.
- (c) The average turnaround time for paying or denying compensation for expenses.
- (d) Legislative recommendations to improve the program.
- (e) A summary of any pending or resolved litigation during the year which affects NICA.
- (f) The amount of compensation paid to each association employee or member of the board of directors.
- (g) For the initial report due on or before November 1, 2021, an actuarial report conducted by an independent actuary which provides an analysis of the estimated costs of implementing the following changes to the Plan:
 - 1. Reducing the minimum birth weight eligibility for a participant in the Plan from 2,500 grams to 2,000 grams.
 - 2. Revising the eligibility for participation in the Plan by providing that an infant must be permanently and substantially mentally or physically impaired, rather than permanently and substantially mentally and physically impaired.
 - 3. Increasing the annual special benefit or quality of life benefit from \$500 to \$2,500 per calendar year.

• The Agency for Health Care Administration must review its Medicaid third-party liability functions and rights under *Florida Statutes* 409.910, relative to the Florida Birth-Related Neurological Injury Compensation Plan established under *Florida Statutes* 766.303 and must include in its review the extent and value of the liabilities owed by the Plan as a third-party benefit provider. Based on its findings, the agency shall provide recommendations regarding the development of policies and procedures to ensure robust implementation of agency functions and rights relative to the primacy of the Plan's third-party benefits payable under *Florida Statutes* 766.31(1)(a)1. and 3., and recoveries due the agency under *Florida Statutes* 409.910. On or before November 1, 2021, the agency must submit to the President of the Senate, the Speaker of the House of Representatives, and the Chief Financial Officer a report of its findings regarding the extent and value of the liabilities owed by NICA.

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MANAGEMENT'S DISCUSSION AND ANALYSIS (continued)

As of June 30, 2021, NICA's total assets increased by \$223,640,943 (or 15%), primarily due to increases in investments (see Table 1). Investments increased by \$227,996,140 (or 16%) resulting primarily from investment holding gains, gains realized on proceeds from securities sold and investment income earned. Receivable for securities sold decreased by \$5,414,853 (or 58%) due to timing differences that occur when securities are traded by investment managers but are not scheduled to settle until after the end of the fiscal year.

Total liabilities of NICA increased by \$140,410,644 (or 13%) as of June 30, 2021, primarily due to an increase in claims reserve (see Table 1). Claims reserve increased by \$145,000,000 (or 14%) primarily due to actuarial estimates of incurred but not reported (IBNR) claims for the current and prior birth years, increases in benefits passed by the Florida Legislature in SB 1786, new claims reported during the year and revisions to the estimates of accumulated reported claims made by management. The decrease in payable for securities purchased of \$4,689,569 (or -52%) is primarily due to timing differences that occur when securities are traded by the investment managers but are not scheduled to settle until after the end of the fiscal year.

Table 1 – Net Position

	2021	2020
Investments	\$ 1,685,487,875	\$ 1,457,491,735
Receivable for securities sold	3,985,821	9,400,674
Other assets	10,012,673	8,953,017
Total assets	<u>1,699,486,369</u>	<u>1,475,845,426</u>
Claims reserves	1,184,500,000	1,039,500,000
Payable for securities purchased	4,333,478	9,023,047
Other liabilities	860,416	760,203
Total liabilities	<u>1,189,693,894</u>	<u>1,049,283,250</u>
Net investment in capital assets	2,734,139	2,651,724
Restricted	<u>507,058,336</u>	<u>423,910,452</u>
Total net position	<u>\$ 509,792,475</u>	<u>\$ 426,562,176</u>

During the year, operating revenues from assessments increased by \$4,033,285 (or 15%) due to an increase in physician assessments.

Operating expenses increased by \$83,238,919 (or 72%) primarily due to an increase in claims expenses (see Table 2). Compared to the prior fiscal year, claims expenses increased by \$83,024,617 (or 74%). The higher claims expenses in the current fiscal year resulted primarily from increases in benefits passed by the Florida Legislature in SB 1786, which were factored into revisions of the estimated of accumulated reported claim made by management as well as increases in the actuarial estimates of incurred but not reported (IBNR) claims for the current and prior birth years.

MANAGEMENT'S DISCUSSION AND ANALYSIS (continued)

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NICA recorded net investment income of \$ 250,375,728 for the year ended June 30, 2021 (see Table 2). NICA's net investment income was primarily comprised of unrealized gains of approximately \$173.4 million, realized gains of \$62.6 million, and interest and dividend income of approximately \$18.1 million and which were offset by investment management fees of approximately \$3.7 million.

The net effect of the increase in operating revenues and expenses and the recognition of investment income was an increase in net position of \$83,230,299 (see Tables 1 and 2).

Table 2 – Changes in Net Position

	2020	2020
Hospital assessments	\$ 3,175,050	\$ 3,191,400
Physician assessments	28,624,037	24,574,402
Total operating revenues	31,799,087	27,765,802
Claims expenses	194,782,059	111,757,442
Other operating expenses	4,162,457	3,948,155
Total operating expenses	198,944,516	115,705,597
Operating income (loss)	(167,145,429)	(87,939,795)
Investment income and other income	254,082,247	124,591,136
Investment fees	(3,706,519)	(3,308,839)
Total nonoperating revenues and expenses	250,375,728	121,282,297
Change in net position	\$ 83,230,299	\$ 33,342,502

During the ordinary course of business, NICA is involved in litigation. In a lawsuit styled *United States of America ex rel. Arven et al. v. The Florida Birth-Related Neurological Injury Compensation Association et al.*, No. 19-CV-61053-WPD (S.D. Fla 2019), two relators ("Relators") allege that NICA has violated the federal false claims act ("FCA"), 31 U.S.C. § 3729 *et seq.*, by treating itself as the "payor of last resort" vis-à-vis Medicaid. In other words, where a NICA participant is enrolled in Medicaid and where an expense is covered by both programs, NICA has historically taken the position that Medicaid, and not NICA, should pay for the expense. In Relators' view, NICA is a "third party" under 42 U.S.C. § 1396a(a)(25)(A), and, therefore, should pay for expenses covered by Medicaid. By failing to do so, the lawsuit alleges NICA has violated the FCA. Relators seek treble damages under the FCA statutory framework. NICA has denied these allegations. The United States filed a notice advising the court that it is not intervening in the case but will continue an investigation into the issues. Should NICA be found to be a third party which must pay for participants' expenses before Medicaid, the resulting change in the portion of benefits covered by Medicaid could impact NICA's loss and loss adjustment expenses. In addition, NICA is working with the Agency for Health Care Administration to address the issues raised during the last legislative session regarding NICA's relationship with Medicaid.

MANAGEMENT'S DISCUSSION AND ANALYSIS (continued)

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NICA has several substantial defenses to the legal claims asserted. Most notably, as an arm of the State of Florida, NICA is not subject to FCA liability. NICA's motion to dismiss the Relators' complaint was denied by the federal district court. The district court's decision is now on appeal before the United States Court of Appeals for the Eleventh Circuit, and the case is stayed pending resolution of the appeal. While NICA has confidence that the Eleventh Circuit will resolve the action in its favor, the ultimate outcome is uncertain. Accordingly, no provision has been made in the financial statements for this contingency.

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Financial Statements

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Florida Birth Related Neurological Injury Compensation Association

Statements of Net Position

	June 30,	
	<u>2021</u>	<u>2020</u>
Assets		
Current assets:		
Cash and cash equivalents	\$ 605,717	\$ 271,160
Prepaid expenses and other current assets	<u>76,705</u>	<u>69,089</u>
Total current assets	682,422	340,249
Receivables for securities sold	3,985,821	9,400,674
Investment income receivable	4,361,512	3,850,394
Assessments receivable	2,234,600	2,110,650
Investments	1,685,487,875	1,457,491,735
Property and equipment, net	<u>2,734,139</u>	<u>2,651,724</u>
Total assets	<u>\$ 1,699,486,369</u>	<u>\$ 1,475,845,426</u>
Liabilities		
Current liabilities:		
Accounts payable and accrued expenses	\$ 506,516	\$ 405,152
Accrued investment fees	<u>353,900</u>	<u>355,051</u>
Total current liabilities	860,416	760,203
Payable for securities purchased	4,333,478	9,023,047
Claims reserves	<u>1,184,500,000</u>	<u>1,039,500,000</u>
Total liabilities	1,189,693,894	1,049,283,250
Net position:		
Net investment in capital assets	2,734,139	2,651,724
Restricted	<u>507,058,336</u>	<u>423,910,452</u>
Total net position	<u>509,792,475</u>	<u>426,562,176</u>
Total liabilities	<u>\$ 1,699,486,369</u>	<u>\$ 1,475,845,426</u>

See accompanying notes.

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Florida Birth Related Neurological Injury Compensation Association

Statements of Revenues, Expenses, and Changes in Net Position

	Years ended June 30,	
	2021	2020
Changes in unrestricted net assets:		
Operating revenues:		
Hospital assessments	\$ 3,175,050	\$ 3,191,400
Physicians assessments	<u>28,624,037</u>	<u>24,574,402</u>
Total operating revenues	<u>31,799,087</u>	<u>27,765,802</u>
Operating expenses:		
Claims incurred	194,782,059	111,744,853
General and administrative expenses	3,382,091	3,329,497
Depreciation and amortization	780,366	618,658
Commutation expense	<u>-</u>	<u>12,589</u>
Total operating expenses	<u>198,944,516</u>	<u>115,705,597</u>
Operating loss	(167,145,429)	(87,939,795)
Nonoperating revenues (expenses):		
Investment income	254,082,247	124,591,136
Investment fees	<u>(3,706,519)</u>	<u>(3,308,839)</u>
Total nonoperating revenues (expenses)	<u>250,375,728</u>	<u>121,282,297</u>
Change in unrestricted net assets	83,230,299	33,342,502
Net position at beginning of year:	<u>426,562,176</u>	<u>393,219,674</u>
Net position at end of year	<u>\$ 509,792,475</u>	<u>\$ 426,562,176</u>

See accompanying notes.

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Florida Birth Related Neurological Injury Compensation Association

Statements of Cash Flows

	Years ended June 30,	
	2021	2020
Operating activities		
Cash received from hospitals and physicians	\$ 31,675,137	\$ 27,956,902
Cash received from reinsurers	-	15,990,545
Cash payments to claimants and vendors	(49,761,658)	(20,121,452)
Cash payments to service providers and suppliers	(1,772,271)	(1,748,821)
Cash payments to employees for service	(1,081,866)	(1,047,765)
Cash payments to employees for benefits	(454,605)	(432,665)
Net cash (used in) provided by operating activities	<u>(21,395,263)</u>	<u>20,596,744</u>
Capital financing activities		
Purchase of property and equipment	<u>(862,783)</u>	<u>(778,795)</u>
Net cash used in capital financing activities	<u>(862,783)</u>	<u>(778,795)</u>
Investing activities		
Purchase of investments	(831,688,671)	(1,064,671,785)
Proceeds from sales of investments	838,655,083	1,028,829,505
Receivable from securities sold	5,414,852	(4,650,626)
Payable for securities purchased	(4,689,568)	4,806,524
Interest and dividends from investments	18,608,227	19,404,260
Investment management fees	<u>(3,707,320)</u>	<u>(3,418,649)</u>
Net cash provided by (used in) investing activities	<u>22,592,603</u>	<u>(19,700,771)</u>
Net increase in cash and cash equivalents	334,557	117,178
Cash and cash equivalents at beginning of year	<u>271,160</u>	<u>153,982</u>
Cash and cash equivalents at end of year	<u>\$ 605,717</u>	<u>\$ 271,160</u>
Reconciliation of operating loss to net cash (used in) provided by operating activities		
Operating loss	\$ (167,145,429)	\$ (87,939,795)
Adjustments to reconcile change in net position to net cash (used in) provided by operating activities:		
Depreciation and amortization	780,366	618,658
Changes in operating assets and liabilities:		
Assessments receivable	(123,950)	191,100
Prepaid expenses and other current assets	(7,616)	(1,719)
Reinsurance recoverables	-	15,990,545
Accounts payable and accrued expenses	101,366	(192,045)
Claims reserves	<u>145,000,000</u>	<u>91,930,000</u>
Net cash (used in) provided by operating activities	<u>\$ (21,395,263)</u>	<u>\$ 20,596,744</u>

See accompanying notes.

Notes to Financial Statements

Years ended June 30, 2021 and 2020

1. Summary of Significant Accounting Policies

Nature of the Business

The Florida Birth-Related Neurological Injury Compensation Association (the Association) was established by *Florida Statutes*, Chapter 766.315, in July 1, 1988 to administer the Florida Birth-Related Neurological Injury Compensation Plan (the Plan). The Plan was established by the Florida Birth-Related Neurological Injury Compensation Act (the Act), Chapter 88-1, Laws of Florida for the purpose of providing limited recovery, irrespective of fault, for certain birth-related neurological injuries beginning January 1, 1989. The Association and Plan are collectively known as NICA.

Initial funding for NICA was provided by hospital and physician assessments and a transfer of \$20 million from the Florida Department of Financial Service Insurance Regulatory Trust Fund.

If the hospital and physician assessments and the \$20 million transfer from the Insurance Regulatory Trust Fund are not sufficient to maintain NICA on an actuarially sound basis, an additional \$20 million is to be transferred from the Insurance Regulatory Trust Fund (Note 2). Also, if these funds are still not sufficient to maintain NICA on an actuarially sound basis, the Department of Financial Services, Office of Insurance Regulation may assess entities licensed in Florida to issue casualty insurance based on a rate of no greater than .25% of net direct premiums written.

In the event that management's estimate of the accumulated cost of reported claims (exclusive of family residential or custodial care as defined in Section 766.302, *Florida Statutes*) equals 80% of current funds, plus any additional funds available within 12 months, NICA shall not accept new claims without express authority from the Legislature. However, injuries occurring 18 months or more prior to the effective date of the suspension shall not be precluded.

Reporting Entity

Activities of NICA are reported in the state of Florida financial statements with other discretely presented component units.

Notes to Financial Statements

1. Summary of Significant Accounting Policies (continued)

Basis of Accounting

NICA follows financial reporting requirements for enterprise funds, which use the accrual basis of accounting. Under this method, revenues are recorded when earned and expenses are recognized when they are incurred.

The financial statements have been prepared in conformity with the pronouncements of the Governmental Accounting Standards Board (GASB), including GASB Statement No. 14, *The Financial Reporting Entity*, which defines NICA as a component unit of the state of Florida.

Assessments

An assessment of \$250 per physician is required by *Florida Statutes* for all licensed physicians in the state of Florida, subject to certain exclusions. In addition, physicians have the option of electing to participate in NICA. Those physicians so electing are required to remit a total assessment of \$5,000. Certified nurse midwives who have paid 50% (or \$2,500) of the participating physician assessment and who are supervised by a participating physician may also participate in NICA. Additionally, each hospital licensed under Chapter 395, *Florida Statutes*, must pay NICA an assessment of \$50 per live infant delivered at the hospital during the prior calendar year, subject to certain exclusions.

Assessments are recognized at the time they are levied (annually) by NICA. The amount of physician and hospital assessments is subject to change based on the actuarial analysis of NICA. Any increase in assessment is recommended by the Board of Directors, but must be approved by the Office of Insurance Regulation.

Cash and Cash Equivalents

For purposes of the statement of cash flows, cash and interest bearing deposits with an original maturity of three months or less are considered cash equivalents. Investment purchases made through the Office of the Treasurer, State of Florida, are considered to be investments.

Cash consists of demand deposits with financial institutions. Deposits with financial institutions are insured by the Federal Deposit Insurance Corporation (FDIC) up to \$250,000 per depositor. Bank deposits at times may exceed federally insured limits. NICA has not experienced any losses in such accounts.

Notes to Financial Statements

1. Summary of Significant Accounting Policies (continued)

Cash and Cash Equivalents (continued)

Additionally, NICA maintains certain demand deposit accounts with qualified public depositories. Qualified public depositories of public funds are required to provide collateral each month pursuant to Chapter 280.04, *Florida Statutes*. The collateral is held by the Florida Division of Treasury or other custodian with full legal rights maintained by the Florida Division of Treasury to transfer ownership. Any loss not covered by the pledged securities and deposit insurance would be assessed by the Florida Division of Treasury and paid by the other public depositories. Therefore, any amount of NICA's demand deposits in excess of FDIC protection would be fully insured or collateralized.

Assessments Receivable

The management of NICA considers assessments receivable to be fully collectible; accordingly, no allowance for doubtful accounts has been recorded.

Investments

Investments in debt and equity securities and futures are stated at fair value. Fair values are based on quoted values in custodian statements and/or quoted market prices. NICA investments made through the Office of the Treasurer, State of Florida, are included in the Florida Treasury Investment Pool (SPIA), which is a pool of investments of which NICA owns a share of the pool, not the underlying securities. Pooled investment shares are reported at fair value. The Auditor General, State of Florida, performs the operational audit of the activities and investments of the Office of the Treasurer. A copy of SPIA's most recent financial statements can be found at http://www.fltreasury.org/fs_01.html. Additionally, NICA invests in structured settlement annuities for selected claimants. These annuities are considered fixed income investments and are reported at fair value based on present value of future annuity payments. *Florida Statutes* and NICA's investment policy permit NICA to enter into securities lending transactions.

The financial instruments exposed to concentrations of credit risk consist primarily of its cash, cash equivalents, and investments. All investment transactions have credit exposure to the extent that a counterparty may default on an obligation of NICA. Credit risk is a consequence of carrying investment positions. To manage credit risk, NICA focuses primarily on higher quality, fixed income securities, limits its exposure in any one investment, and monitors quality.

Property and Equipment

Property and equipment is recorded at cost less accumulated depreciation. Property and equipment is depreciated over its estimated useful lives ranging from three to fifteen years using primarily the straight-line method. The building is depreciated over forty years using the straight-line method. NICA's policy is to capitalize asset acquisitions greater than \$500.

Notes to Financial Statements

1. Summary of Significant Accounting Policies (continued)

Claims Reserves

The liability for claims reserves is based on an actuarial determination and represents the estimated ultimate net cost of all unpaid reported and unreported claims and claim adjustment expenses. These liabilities are subject to the impact of future changes in claim severity and other factors. The unpaid claims and claim adjustment expense estimates are continually reviewed and, as adjustments become necessary, such adjustments are reflected in current operations. The ultimate settlement of claims and claim adjustment expenses may vary significantly from the actuarial estimates.

Net Position

The net position of NICA is restricted to carry out the public purpose of the program as provided under the Act.

Revenue Recognition

Operating revenues consist of hospital and physicians assessments and are recognized when earned. Nonoperating revenues consist of various forms of investment income.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Accordingly, actual results could differ from those estimates.

Notes to Financial Statements

1. Summary of Significant Accounting Policies (continued)

Subsequent Events

NICA has evaluated subsequent events through NEED DATE, the date the financial statements were available to be issued. During the period from June 30, 2021 to NEED DATE, NICA did not have any material recognizable subsequent events.

2. Appropriation - Office of Insurance Regulation

Pursuant to *Florida Statutes*, Section 766.314(5)(b), the sum of \$20 million has been deposited in the Insurance Regulatory Trust Fund. The distribution of "up to \$20 million" to NICA has been authorized in the event that the assessments collected in accordance with *Florida Statutes*, Section 766.314(4), and prior appropriations are not sufficient to maintain NICA on an actuarially sound basis. The entire \$20 million is presently deposited in the Insurance Regulatory Trust Fund and is not reported by NICA.

3. Investments

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under GASB 72 are described as follows:

- Level 1: Quoted prices (unadjusted) in active markets for identical assets or liabilities that a government can access at the measurement date.
- Level 2: Inputs other than quoted prices included within Level 1 that are observable for an asset or liability, either directly or indirectly.
- Level 3: Unobservable inputs for an asset or liability.

Notes to Financial Statements

3. Investments (continued)

The following table set forth by level, within the fair value hierarchy, NICA's assets at fair value as of June 30, 2021.

<u>Asset Type</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Cash sweep - short term investment fund	\$ -	\$ -	\$ 33,668,167	\$ 33,668,167
Equities	348,512,311	-	-	348,512,311
Fixed income securities	64,998,814	382,466,139	-	447,464,953
Preferred securities	4,659,832	-	-	4,659,832
Annuities	-	-	21,095,664	21,095,664
Futures Contracts	470,445	-	-	470,445
	<u>418,641,402</u>	<u>382,466,139</u>	<u>54,763,831</u>	<u>855,871,372</u>
Other investments:				
Pooled investment in Florida State Treasury	-	-	-	283,184
Pooled investments reported at net asset value	-	-	-	829,262,035
Foreign currency	-	-	-	454,310
Other	-	-	-	(383,026)
Total assets at fair value	<u>\$ 418,641,402</u>	<u>\$ 382,466,139</u>	<u>\$ 54,763,831</u>	<u>\$ 1,685,487,875</u>

The following table set forth by level, within the fair value hierarchy, NICA's assets at fair value as of June 30, 2020.

<u>Asset Type</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Cash sweep - short term investment fund	\$ -	\$ -	\$ 37,583,736	\$ 37,583,736
Equities	275,358,783	-	-	275,358,783
Fixed income securities	46,461,388	333,397,098	-	379,858,486
Preferred securities	3,960,406	-	-	3,960,406
Annuities	-	-	20,854,958	20,854,958
	<u>325,780,577</u>	<u>333,397,098</u>	<u>58,438,694</u>	<u>717,616,369</u>
Other investments:				
Pooled investment in Florida State Treasury	-	-	-	453,150
Pooled investments reported at net asset value	-	-	-	738,927,515
Foreign currency	-	-	-	494,724
Other	-	-	-	(23)
Total assets at fair value	<u>\$ 325,780,577</u>	<u>\$ 333,397,098</u>	<u>\$ 58,438,694</u>	<u>\$ 1,457,491,735</u>

Notes to Financial Statements

3. Investments (continued)

As of June 30, 2021, investments of NICA were as follows:

Types of Investments	Fair Value	Effective Duration (in Years)
<u>Classifiable Investments:</u>		
Annuities	\$ 21,095,664	n/a
Asset-backed securities	10,993,601	1.98
Corporate bonds	298,232,146	11.80
Federal Home Loan Mortgage	15,115,319	2.04
Federal National Mortgage Association	17,590,359	1.90
Futures contracts	470,445	n/a
Government National Mortgage Association	1,482,100	3.48
International government bonds	5,896,199	17.40
U.S. government bonds	64,998,814	17.06
Collateralized mortgage obligations	20,412,282	5.43
Municipal bonds	12,744,133	7.47
U.S. debt	574,296,417	n/a
Pooled investment in Florida State Treasury	283,184	2.6
Equity securities	<u>608,592,070</u>	n/a
Total classifiable investments	<u>1,652,202,733</u>	
<u>Non-classifiable investments:</u>		
Cash sweep - short term investment fund	33,285,141	
Other	<u>383,026</u>	
Total non-classifiable investments	<u>33,668,167</u>	
Total investments	<u>\$1,685,870,900</u>	

Notes to Financial Statements

3. Investments (continued)

As of June 30, 2020, investments of NICA were as follows:

Types of Investments	Fair Value	Effective Duration (in Years)
<u>Classifiable Investments:</u>		
Annuities	\$ 20,854,958	n/a
Asset-backed securities	12,345,762	1.98
Corporate bonds	258,728,283	11.80
Federal Home Loan Mortgage	19,826,971	2.04
Federal National Mortgage Association	13,070,744	1.90
Government National Mortgage Association	217,836	3.48
International government bonds	3,111,459	17.40
U.S. government bonds	46,461,388	17.06
Collateralized mortgage obligations	15,145,638	5.43
Municipal bonds	10,950,405	7.47
U.S. debt	536,880,589	n/a
Pooled investment in Florida State Treasury	453,150	.43
Equity securities	<u>481,860,839</u>	n/a
Total classifiable investments	<u>1,419,908,022</u>	
<u>Non-classifiable investments:</u>		
Cash sweep - short term investment fund	37,583,736	
Other	<u>(23)</u>	
Total non-classifiable investments	<u>37,583,713</u>	
	<u>\$1,457,491,735</u>	

Investments are diversified to minimize the risk of loss resulting from over compensation of assets in a specific maturity period, a single issuer, or an individual class of securities.

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligation. To mitigate investment risk, investing is performed in accordance with investment policies adopted by the Board of Directors complying with Section 215.47, *Florida Statutes*. State statutes provide for investment of funds in a range of instruments, including federally guaranteed obligations, other federal agency obligations, certain state bonds, commercial paper, obligations of a Florida political subdivision as permitted by law, common stock, repurchase agreements, and reverse repurchase agreements.

Notes to Financial Statements

3. Investments (continued)

Custodial credit risk is the risk that, in the event of the failure of the counterparty, NICA will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. Custody of NICA's investments is currently maintained in NICA's name by Bank of New York Mellon pursuant to a custodial agreement. Additional accounts are maintained in NICA's name under separate agreements with BlackRock Institutional Trust Company, N.A. and the Division of Treasury of the state of Florida. Structured settlement annuities are maintained under agreements with Talcott Resolution Life Insurance Company, which has a Baa3 rating.

Generally, investing activities are performed by investment managers hired by NICA to implement established investment policies.

NICA's asset allocation policy is as follows:

<u>Asset Class</u>	<u>Permissible Range</u>
Fixed Income	58 - 70%
Equity	31 - 37%
Cash	0 - 3%

Credit Quality Rating. Section 215.47, *Florida Statutes*, and NICA's investment policy limits investments based on ratings provided by nationally recognized statistical rating services. Investments limited by ratings are as follows:

1. Commercial paper rated in the highest rating classification by one nationally recognized rating agency.
2. Municipal securities rated in the top four highest rating by two nationally recognized rating services.
3. Registered foreign bonds denominated in U.S. dollars rated in the top four rating classifications by two nationally recognized rating services.
4. Asset-backed securities rated in the highest rating classification by one nationally recognized rating service.

Notes to Financial Statements

3. Investments (continued)

<u>Debt Security Type</u>	<u>Quality Rating Moody's</u>	<u>Fair Value</u>
Asset-backed	Aaa	\$ 7,177,639
Asset-backed	NR	3,815,962
Collateralized mortgage obligation	Aaa	15,250,736
Collateralized mortgage obligation	NR	5,161,546
Corporate bonds	A1	15,329,717
Corporate bonds	A2	36,226,273
Corporate bonds	A3	35,171,936
Corporate bonds	Aa1	4,680,732
Corporate bonds	Aa2	2,411,649
Corporate bonds	Aa3	10,091,195
Corporate bonds	Aaa	573,161
Corporate bonds	Ba1	16,057,045
Corporate bonds	Ba2	774,000
Corporate bonds	Baa1	65,734,913
Corporate bonds	Baa2	76,114,021
Corporate bonds	Baa3	30,644,261
Corporate bonds	NR	4,423,246
Federal Home Loan Mortgage	Aaa	15,115,319
Federal National Mortgage Association	Aaa	17,590,359
Futures contracts	NR	470,445
Government National Mortgage Association	Aaa	1,482,100
International Government Bonds	A1	1,571,772
International Government Bonds	Baa1	4,324,427
Municipal bonds	A1	128,731
Municipal bonds	A3	620,986
Municipal bonds	Aa1	1,950,198
Municipal bonds	Aa2	2,718,789
Municipal bonds	Aa3	758,712
Municipal bonds	Aaa	1,323,386
Municipal bonds	Baa1	2,303,226
Municipal bonds	Baa2	496,776
Municipal bonds	NR	2,443,328
U.S. Debt	NR	574,296,417
U.S. Government Bond	Aaa	64,998,814
		<u>\$1,022,231,817</u>

Concentration of Credit Risk is the risk of loss attributed to the magnitude of NICA's investment in a single issuer. NICA assets are expected to be diversified across and within asset classes. However, NICA does not specify a limit on the amount that may be invested in any one issuer.

3. Investments (continued)

Interest Rate Risk is the risk that changes in interest rates will adversely affect the fair value of an investment. Investments that are held for longer periods are subject to increased risk of adverse interest rate changes. For reporting purposes, NICA selects effective duration to disclose the portfolio's exposure to changes in interest rates. Duration is a measure of a fixed income's cash flows using present values, weighted for cash flow as a percentage of the investment's full price. Effective duration makes assumptions regarding the most likely timing and amounts of variable cash flows arising from such investments as callable bonds, prepayments, and variable rate debt.

NICA is invested in collateralized mortgage obligations. These securities and obligations are based on cash flows from payments on underlying mortgages. Therefore, they are sensitive to prepayments by mortgagees, which may result from a decline in interest rates.

Foreign Currency Risk is the risk that changes in the exchange rates will adversely affect the fair value of an investment. NICA's investment policy permits it to invest up to 18 percent of total investments in international equities. At June 30, 2021, NICA's exposure to possible foreign currency risk by monetary unit is as follows:

<u>Investment Type</u>	<u>Currency Type</u>	<u>Maturity</u>	<u>Fair Value</u>
Currency	Australian Dollar	n/a	\$ 1,013
	Brazil Real	n/a	3
	Canadian Dollar	n/a	4,753
	Euro Currency Unit	n/a	34,059
	Hong Kong Dollar	n/a	17,532
	Hungarian Forint	n/a	944
	Czech Koruna	n/a	342
	Israeli Shekel	n/a	1,120
	Japanese Yen	n/a	87,243
	Mexican Peso	n/a	948
	Polish Zloty	n/a	969
	Pound Sterling	n/a	3,305
	Singapore Dollar	n/a	1,015
	South African Rand	n/a	28,162
	South Korean Won	n/a	235,855
	Swedish Krona	n/a	10,441
	Swiss Franc	n/a	26,041
	Turkish Lira	n/a	564

(continued)

Florida Birth Related Neurological Injury Compensation Association

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Notes to Financial Statements

3. Investments (continued)

<u>Investment Type</u>	<u>Currency Type</u>	<u>Maturity</u>	<u>Fair Value</u>
Common stock	Australian Dollar	n/a	9,834,230
	Brazil Real	n/a	2,625,187
	Canadian Dollar	n/a	7,579,086
	Czech Koruna	n/a	70,176
	Danish Krone	n/a	996,594
	Euro Currency Unit	n/a	51,335,291
	Hong Kong Dollar	n/a	28,326,219
	Hungarian Forint	n/a	221,361
	Indonesian Rupiah	n/a	497,167
	Israeli Shekel	n/a	210,826
	Japanese Yen	n/a	49,029,778
	Malaysian Ringgit	n/a	392,800
	Mexican Peso	n/a	1,901,527
	New Taiwan Dollar	n/a	7,214,030
	New Zealand Dollar	n/a	104,040
	Norwegian Krone	n/a	1,470,583
	Philippines Peso	n/a	14,885
	Polish Zloty	n/a	707,453
	Pound Sterling	n/a	34,735,976
	Singapore Dollar	n/a	3,833,785
	South African Rand	n/a	6,085,550
	South Korean Won	n/a	9,196,638
	Swedish Krona	n/a	13,235,198
	Swiss Franc	n/a	6,639,711
	Thailand Baht	n/a	806,790
	Turkish Lira	n/a	842,849
Preferred securities	Brazil Real	n/a	72,734
	Euro Currency Unit	n/a	4,587,100
			<u>\$ 243,021,873</u>

Pooled investments with the State Treasury and investments measured at net asset value are not subject to fair value hierarchy level classification under GASB Statement No. 72, *Fair Value Measurement and Application*.

Florida Birth Related Neurological Injury Compensation Association

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Notes to Financial Statements

4. Property and Equipment

Activity within the property and equipment accounts consists of the following for the year ended June 30, 2021:

	Beginning Balances	Additions	Deletions	Ending Balances
Land	\$ 209,088	\$ -	\$ -	\$ 209,088
Building	320,585	-	-	320,585
Building improvements	88,411	-	-	88,411
Property and equipment	303,087	16,330	(61,400)	258,017
Software	<u>3,328,268</u>	<u>846,451</u>	<u>-</u>	<u>4,174,719</u>
	4,249,439	862,781	(61,400)	5,050,820
Less accumulated depreciation and amortization	<u>(1,597,715)</u>	<u>(780,366)</u>	<u>61,400</u>	<u>(2,316,681)</u>
	<u>\$ 2,651,724</u>	<u>\$ 82,415</u>	<u>\$ -</u>	<u>\$ 2,734,139</u>

Activity within the property and equipment accounts consists of the following for the year ended June 30, 2020:

	Beginning Balances	Additions	Deletions	Ending Balances
Land	\$ 209,088	\$ -	\$ -	\$ 209,088
Building	320,585	-	-	320,585
Building improvements	88,411	-	-	88,411
Property and equipment	293,581	21,564	(12,058)	303,087
Software	<u>2,571,037</u>	<u>757,231</u>	<u>-</u>	<u>3,328,268</u>
	3,482,702	778,795	(12,058)	4,249,439
Less accumulated depreciation and amortization	<u>(991,115)</u>	<u>(618,658)</u>	<u>12,058</u>	<u>(1,597,715)</u>
	<u>\$ 2,491,587</u>	<u>\$ 160,137</u>	<u>\$ -</u>	<u>\$ 2,651,724</u>

Depreciation and amortization expense was \$780,366 and \$618,658 for the years ended June 30, 2021 and 2020, respectively.

Notes to Financial Statements

5. Claims Reserves

Claims reserves are provided in amounts estimated to cover the custodial and rehabilitative costs resulting from certain birth-related neurological injuries of claimants of participating physicians and include an estimate of accumulated reported claims and claims incurred but not reported. The claim reserve is actuarially determined for birth years 1989 through June 30, 2021. The reserves utilize adjustment factors for the assumption of the annual investment return and the annual inflation rate.

A class action settlement agreement was entered into in September 2012, which was approved pursuant to a November 26, 2012 Final Judgment and Order by the Florida Circuit Court. The settlement terms may impact benefits payable to all parents or guardians of a child born with a "birth-related neurological injury" in the state of Florida during the time period of January 1, 1989 through June 6, 2002, who obtained a final order which imposed on NICA the "continuing obligation under provisions of Section 766.31, *Florida Statutes*, to pay future expenses as incurred." The settlement agreement had both retrospective and prospective components.

Medical liability claims are volatile by nature. Although management of NICA believes that the estimate of the liability for losses and loss adjustment expenses is reasonable in the circumstances, uncertainty exists as to the ultimate amount that will be required for the payment of losses and claims. Due to the timeframe associated with the emergence of claims, the most recent two years' estimates have greater uncertainty. Accordingly, the ultimate closure of losses and the related loss adjustment expenses may vary significantly from the estimated amounts included in the accompanying financial statements.

In prior years, NICA maintained a reinsurance program which addressed both the frequency and severity of claims. Excess insurance coverage for NICA expired effective December 31, 2003. During 2007, NICA invested in structured settlement annuities for selected claimants to fund a portion of its future obligations. The purpose of the annuities is to protect NICA against the financial effects of super longevity and to reduce the mortality risk on certain claims, which is statutorily borne by NICA. NICA has also adjusted claim reserves to provide for a risk margin in the event claims incurred but not yet reported significantly exceed management's best estimate. The risk margin was approximately \$75.5 million as of June 30, 2021.

Notes to Financial Statements

5. Claims Reserves (continued)

Activity in the liability for unpaid claims and claim adjustment expenses is summarized as follows:

	June 30,	
	<u>2021</u>	<u>2020</u>
Balance at beginning of year, including risk margin	\$ 1,039,500,000	\$ 947,570,000
Claims incurred related to:		
Current birth year	55,788,432	49,211,856
Prior birth years	<u>56,432,250</u>	<u>38,801,135</u>
Total claims incurred	<u>112,220,682</u>	<u>88,012,991</u>
Claims adjusted related to prior birth years	81,999,733	21,692,324
Claims paid related to:		
Prior years	<u>(49,782,059)</u>	<u>(19,814,852)</u>
Total claims paid	<u>(49,782,059)</u>	<u>(19,814,852)</u>
Change in unallocated loss adjustment expense	561,644	2,109,537
Change in risk margin reserve	<u>-</u>	<u>(70,000)</u>
Balance at end of year	<u>\$ 1,184,500,000</u>	<u>\$ 1,039,500,000</u>

6. Retirement Plan

Effective July 1, 2003, NICA established a defined contribution retirement plan, in the form of a 401(k) plan, which covers substantially all full time employees with at least one year of service. Contributions are accrued and funded on a current basis. NICA contributed 15% of the participating employees' salaries for the fiscal years ended June 30, 2021 and 2020. The contribution was \$162,107 and \$157,445 for the years ended June 30, 2021 and 2020, respectively.

7. Commitments and Contingencies

During the ordinary course of business, NICA is involved in litigation. In a lawsuit styled *United States of America ex rel. Arven et al. v. The Florida Birth-Related Neurological Injury Compensation Association et al.*, No. 19-CV-61053-WPD (S.D. Fla 2019), two relators (Relators) allege that NICA has violated the federal false claims act (FCA), 31 U.S.C. § 3729 *et seq.*, by treating itself as the “payor of last resort” vis-à-vis Medicaid. In other words, where a NICA participant is enrolled in Medicaid and where an expense is covered by both programs, NICA has historically taken the position that Medicaid, and not NICA, should pay for the expense. In Relators’ view, NICA is a “third party” under 42 U.S.C. § 1396a(a)(25)(A), and, therefore, should pay for expenses covered by Medicaid. By failing to do so, the lawsuit alleges NICA has violated the FCA. Relators seek treble damages under the FCA statutory framework. NICA has denied these allegations. The United States filed a notice advising the court that it is

Notes to Financial Statements

7. Commitments and Contingencies (continued)

not intervening in the case but will continue an investigation into the issues. Should NICA be found to be a third party which must pay for participants' expenses before Medicaid, the resulting change in the portion of benefits covered by Medicaid could impact NICA's loss and loss adjustment expenses. In addition, NICA is working with the Agency for Health Care Administration to address the issues raised during the last legislative session regarding NICA's relationship with Medicaid.

NICA has several substantial defenses to the legal claims asserted. Most notably, as an arm of the state of Florida, NICA is not subject to FCA liability. NICA's motion to dismiss the Relators' complaint was denied by the federal district court. The district court's decision is now on appeal before the United States Court of Appeals for the Eleventh Circuit, and the case is stayed pending resolution of the appeal. While NICA has confidence that the Eleventh Circuit will resolve the action in its favor, the ultimate outcome is uncertain. Accordingly, no provision has been made in the financial statements for this contingency.

8. Operating Leases

NICA leases office space under an operating lease that expired June 30, 2021. On June 21, 2021, NICA entered into a new operating lease for office space, expiring June 30, 2024, with an option to renew for two three-year extensions.

Rent expense for the years ended June 30, 2021 and 2020, was \$19,853 and \$19,375, respectively. The future minimum lease payments for operating leases are as follows:

Year ended	
<u>June 30,</u>	
2022	\$ 111,720
2023	115,072
2024	<u>118,524</u>
	<u>\$ 345,316</u>

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Other Reports

**Report of Independent Auditors on Internal Control Over Financial Reporting and
on Compliance and Other Matters Based on an Audit of Financial Statements
Performed in Accordance with *Government Auditing Standards***

Board of Directors
Florida Birth-Related Neurological Injury Compensation Association

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of Florida Birth-Related Neurological Injury Compensation Association (NICA), which comprise the statement of net position as of June 30, 2021, and the related statements of revenues, expenses, and changes in net position and cash flows for the year ended, and the related notes to the financial statements, and have issued our report thereon dated NEED DATE.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the NICA's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the NICA's internal control. Accordingly, we do not express an opinion on the effectiveness of the NICA's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

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Compliance and Other Matters

As part of obtaining reasonable assurance about whether the NICA's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Tallahassee, Florida
NEED DATE

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Other Financial Information

Florida Birth-Related Neurological Injury Compensation Association

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Schedule of General and Administrative Expenses
Budget to Actual

Year ended June 30, 2021

	<u>Budget</u>	<u>Actual</u>	<u>Variance - Positive (Negative)</u>
Accounting services	\$ 80,800	\$ 83,227	\$ (2,427)
Bank charges	5,000	3,702	1,298
Dues and subscriptions	5,000	4,915	85
Insurance	242,000	235,677	6,323
Legal - general attorney fees and expenses	1,092,000	736,503	355,497
Legal - other expenses	52,800	60,778	(7,978)
Miscellaneous	800	(719)	1,519
Office supplies	8,850	7,478	1,372
Outreach	124,700	98,804	25,896
Payroll taxes	82,000	81,736	264
Postage	71,000	60,653	10,347
Printing services	43,650	47,248	(3,598)
Professional fees	356,000	549,020	(193,020)
Repairs and maintenance	98,900	90,805	8,095
Rent	18,600	19,853	(1,253)
Retirement	163,000	162,107	893
Salaries	1,105,000	1,109,439	(4,439)
Taxes and licenses	850	308	542
Telephone	17,000	18,054	(1,054)
Training and education	2,000	1,715	285
Travel	23,000	(62)	23,062
Utilities	10,500	10,850	(350)
	<u>\$ 3,603,450</u>	<u>\$ 3,382,091</u>	<u>\$ 221,359</u>

See report of independent auditors.