

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

August 25, 2022, 1:00 p.m.

1. Call to Order and Welcome
2. Minutes.....A
3. Administrative Matters
  - A. Add Signer to Bank Account
  - B. Executive Director Search
4. Workshop on Parental Pay Rates including Public Testimony.....B
5. Executive Director Report
6. Benefit Handbook.....C
7. Investment Update.....D
8. Actuarial Update
  - A. December 31, 2021, Actuarial Report.....E
  - B. June 30, 2022, Actuarial –Draft Exhibits.....F
9. June 30, 2022 Financial Statements.....G
10. Fiscal Presentation
  - A. Reserve Review.....H
  - B. Cash Flow.....I
  - C. Budget.....J
11. Additional Public Testimony
12. **Executive Session beginning at 4:30pm**

Attendees: Jim DeBeaugrine, MPA, NICA Board Chair  
Renee Oliver, NICA Board Member  
Julie Ann Zemaitis DeCesare, M.D., NICA Board Member  
Robert A. London, M.D., NICA Board Member  
Narendra Dereddy, M.D., NICA Board Member  
Melissa Jaacks, Executive Director  
Steve Ecenia, NICA General Counsel, Rutledge Ecenia

# **Agenda Item # 2 (Tab A)**

## **Minutes**

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

March 17, 2022  
Virtual Meeting via Zoom Video and Zoom Conference Call

The March 17, 2022; 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  
Robert A. London, M.D.  
Narendra Dereddy, M.D.  
Julie Ann Zemaitis DeCesare, MD

Also present:

Melissa Jaacks, NICA Interim Executive Director  
Tim Daughtry, NICA Deputy Director  
Steve Ecenia, NICA General Counsel  
Matt Dufek, Kikoda/NICA's IT Contractor  
Felicia Bennett, Wilshire Consulting  
Katy Wojciechowski, NICA Investment Consultant  
Mark Crawshaw Ph.D., Madison Consulting  
Tasha Carter, Florida Insurance Consumer Advocate  
Denishia Sword, Office of the Insurance Consumer Advocate  
Carol Marbin Miller, Miami Herald  
Linda Nelson, NICA Compliance  
Ryan Starks, Gentry Locke Attorneys  
Amber Parker  
Ann Goshorn  
Ashley Hammer  
Ashley Mathis  
Barbara Lopez Avila  
Becky Griffith  
Christiana Buffington  
Christina Okesson  
Christine Smith  
Dan Bookhout  
Danielle Faivus  
Esther Morgan  
Fatima Cruz

Jackie Amorim  
Jason Wilburn  
Jayme OConnell  
Jennifer Lynn Whittington-Bookhout  
Jessica Lorenzi  
JJ Prue  
Kim Hagerstrom  
Laura Sokalski  
Leanne Lewis  
Luke Harrison  
Michelle Glisar  
Michelle Perez  
Nicole Snipes  
Paige Alexandria  
Paul Mitchell  
Paul Whitfield  
Rachel Rexford  
Robert Okesson  
Ruth Jacques  
Sabrina Jostes  
Tracy Suber-Holcomb  
Tricia Parrish

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

### **ANNOUNCEMENT OF EXECUTIVE SESSION**

The Chair recognized NICA's General Counsel, Steve Ecenia. Mr. Ecenia asked that the Board hold Executive Session from 11:45 until 12:15. The attendees of the Executive Session would be members of the Board of Directors, Melissa Jaacks and Steve Ecenia.

The Chair announced that following Executive Session, there would be a break for lunch from 12:15 until 12:45.

### **MINUTES**

The Chair asked for a motion to approve the minutes of the December 9, 2021 Board meeting.

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

## **ADMINISTRATIVE MATTERS**

Melissa Jaacks reminded the Board that prior to her start date, NICA had moved offices. The previous office building was owned by NICA. The appraised value was \$550,000. Ms. Jaacks asked for the Board's permission to proceed with the sale of the building.

**A motion was made to approve the sale of the building. The motion passed unanimously.**

## **LEGISLATIVE UPDATE**

Mr. DeBeaugrine commended Ms. Jaacks and her team for working with staff and members of the Legislature. He expressed thanks to Senator Book who had been an early proponent of the legislation as well as Senator Rodriguez and Representative Drake who had sponsored the bills in the Senate and House respectively.

It had looked like a lost cause earlier in the session but the Legislature passed the amendment to allow for the retroactive payment for the increased parental award to parent's of deceased children.

The Chair then recognized Ms. Jaacks who advised the Board that the retroactive payments must be made by July 1.

Although Senator Book's original bill, which had been discussed at the December 9, 2021 Board meeting, did not get a House sponsor, NICA had already implemented the following changes that had been included in the proposed legislation:

Effective January 1, 2022, parents who hold professional healthcare licenses would be reimbursed at their licensure level when nursing care hours are authorized at that level. If the level of care required is lower than the parent's licensure level, NICA would reimburse at the level authorized by the participant's physician.

Dental services were specifically identified in Senator Book's bill. NICA has clarified that dental services, when related to the birth injury, are covered. In the past, there had been inconsistency and lack of clarity regarding this benefit.

Removed the limit on legal fees related to parents obtaining guardianships.

Dr. Dereddy asked how parents would be notified when the governor signs the legislation.

Ms. Jaacks responded that for those parents for whom NICA has email addresses, they would be notified by email. Follow up letters would be sent as well as posting this information on the NICA website.

## **EXECUTIVE DIRECTOR'S REPORT**

Ms. Jaacks followed with the Executive Director's report.

At the October 28, 2021 meeting, the Board had asked staff to determine, for the previous five years, the number of claims that were denied due to birth weight between 2,000 grams and 2,500 grams. At the December 9, 2021 meeting, Ms. Jaacks asked for clarification. Many families who don't meet the birth weight, don't file petitions. This would not be the entire population. The birth weight is a threshold issue. If the child does not meet this level, there may be other threshold issues that they do not meet. Dr. Dereddy clarified that he would like to know how many were between 2,000 and 2,500 grams even though it may not be the entire population. A summary claims dismissed for the past 5 years was presented. The number of denied claims with a birth weight between 2,000 and 2,500 grams was 13.

Ms. Jaacks continued by following the minutes from the previous meeting and updating the Board on the status of various projects.

### **Parent Advisory Committee**

A Parent Advisory Committee had been established since the last Board meeting. The Committee has approximately ten families participating and began meeting on January 20<sup>th</sup>. Meetings were held weekly for the first month and then changed to bi-weekly. The meetings had been very helpful. The Committee had discussed the Medical Director position and the members had strong opinions as to the type of person who should be in that role. It was felt that if that person is approving experimental procedures, they should be forward thinking and familiar with the latest research and treatments. The Committee had asked Ms. Jaacks to begin by contacting various organizations to begin circulating a request for someone to fill that position. It would be a contract position. On a related topic, two of the physicians who perform compensability exams for NICA had expressed interest in retiring. Ms. Jaacks would combine the search for their replacements with the search for a Medical Director.

### **Benefit Disbursement Process**

New functionality to track benefit requests had been rolled out. This functionality will lead to the ability to prepare Explanation of Benefits (EOBs) that can be provided to parents. The EOB functionality should be available for regular distribution by July 1.

### **Orientation Process**

There had been previous discussion regarding the need for an improved orientation process for new NICA families. Staff had not spent as much time on this issue yet. There had been increasing requests from attorneys for staff to speak to families very early in the process regarding benefits available to them. The new approach to benefits made the orientation process better because staff can more easily share what benefits are available.

## **Internal Policies and Procedures**

As stated at the last meeting, significant improvement was needed regarding internal policies and procedures. This would be a project for the third quarter.

## **Temp Staff**

Temporary staff had been hired to assist with transferring scanned documents into the CARES system. The project was complete with the exception of indexing those documents. Due to staffing issues, the two temporary staff members had been hired as permanent staff. Some duties were reallocated from the nurse case manager staff to the fiscal area.

## **Plan of Operation**

As discussed at the previous meeting, the Plan of Operation, which had recently been revised and submitted to the Office of Insurance Regulation (OIR) needed further review and revision. OIR had offered to assist with the revisions. This would be a project for the fourth quarter.

## **Staffing**

Dr. London had previously asked about staffing.

Staff had advertised for nurse case manager positions and indicated that the candidates could be RN or LPN. Two candidates were in the interview process. Ms. Jaacks commented on the nursing shortage and that it was difficult to fill the positions. There may be a need in the future to discuss different qualifications for these positions.

Dr. London had also asked about staff education and orientation and staff mental health support. Ms. Jaacks asked him to please elaborate on this for the other Board members.

Dr. London felt that it was important for the case managers to have personal experience of what it is like to be in the home with the participants. The orientation program should include clinical time where the case manager is in the home with the families.

The Chair agreed with Dr. London and would like to keep this on the radar for after the pandemic ends.

As a follow up to the discussion of the Medical Director position, Dr. London stated that the Florida Counsel of Medical School Deans would be a good resource for potential candidates.

Dr. Dereddy asked how many nurse case managers Ms. Jaacks was interested in hiring. He also asked if it would be appropriate for the Board members to recommend candidates for the Medical Director position.

Ms. Jaacks noted that there were seven nurse case managers and were looking for two more.

The Chair stated that if Board members had candidates for the Medical Director position to please send the names to Ms. Jaacks. He also asked Board members to also forward to Ms. Jaacks the names of any potential candidates for nurse case managers.

## **ACTUARIAL UPDATE**

### **September 30, 2021 Reserve Report**

Ms. Jaacks then summarized the September 30, 2021 actuarial report which had been prepared by Turner Consulting, Inc. and peer reviewed by Madison Consulting Group, Inc.

The methodology had not changed since the last report. However, in light of the assumption that moving forward, NICA would be paying primary to Medicaid, the impact of that change was incorporated into the calculation of the outstanding reserve as of September 30, 2021. The impact of the change was an increase in the outstanding reserves of approximately \$270 million. The estimates related to Medicaid were forward looking only. There were no retroactive estimates of Medicaid issues. Ms. Jaacks reminded the Board that the reserve represents an estimate of the total expected cost of all the participants in the program and all the participants who might come into the program who have already been born. As of September 30, 2021, NICA's investments exceeded its liabilities.

For several years NICA had benefited from a low inflation, high investment return environment but it was clear that was coming to an end. Ms. Jaacks noted that Mark Crawshaw of Madison Consulting was in attendance at the meeting and available for questions.

The Chair asked what projected investment income was included in the actuarial report. The key assumption in the actuarial report was a 1.5% differential between investment income of 5% and inflation 3.5% inflation.

The Chair followed with a question regarding the expected cash flows. Investment income and assessments were expected to exceed outgoing disbursements. Later in the meeting, Ms. Jaacks would discuss expected cash flows in more detail.

The Chair asked if the unobligated reserve would begin to increase again. A reasonable expectation would be that in a steady state, the unobligated reserve would slowly begin to increase. However, based on discussions with NICA's actuaries, there is variation in the number of new participants each year. Growth in the number of participants would have an affect on the unobligated reserve.

**A motion was made to accept the September 30, 2021 actuarial reserve evaluation. The motion passed unanimously.**



### **September 30, 2021 Threshold Calculation**

The Threshold Calculation is required by Florida Statutes. It is a threshold that NICA must meet to be able to continue to accept claims. It is a minimum funding level that serves as a guardrail to automatically cease if the financial condition deteriorates significantly. It compares 80% of the funds on hand and funds available in the next 12 months to the claims reserves, excluding family care. As of September 30, 2021, NICA exceeded the minimum threshold by over \$300 million.

**A motion was made to accept the September 30, 2021 Threshold Calculation. The motion passed unanimously.**

### **INVESTMENT UPDATE**

Katy Wojciechowski, followed with the NICA's investment results. As of December 31, 2021, the fund was approximately \$1.69 billion with 1 year returns of 5.7%. The three and five year returns were 14.1% and 9.6% respectively. Performance for the year was helped by an overweight to equities. The portfolio was rebalanced back to target asset allocations in January 2022. As compared to its peer group, the NICA portfolio outperformed the policy index. Manager performance added the majority of outperformance over the previous three years.

Results in the first quarter of 2022 to date had been very different from the 2021 results. The fund had lost approximately \$80 million in market value since 12/31/2021. She felt the portfolio was well positioned for the long term.

**A motion was made to accept the investment update. The motion passed unanimously.**

### **BENEFIT HANDBOOK**

An updated draft of the Benefit Handbook was presented. Many changes and clarifications had already been incorporated but many more were needed. Ms. Jaacks had been working with the Parent Advisory Committee on benefit issues and how those issues should be communicated with NICA families. With the assistance of the IT consultants, a Frequently Asked Questions (FAQ) section would be added to the NICA website to assist families.

Some clarifications that had already been made were:

#### **Family care**

There had been disparate treatment in the past regarding the reimbursement of Family Care. It was clarified that Family Care is available from the date of NICU discharge as documented as medically necessary by a physician.

#### **Annual special benefit of \$500**

In the past there had been limitations placed on this benefit. This was clarified to be in the best interest of the participant and any unused portion could be carried over.

### **Mileage and Travel**

Whenever possible, reimbursement rates were tied to external sources that are adjusted regularly. For example, mileage and meals would be tied to the U.S. General Services Administration (GSA) reimbursement rates. Lodging reimbursements would be at 130% of the GSA rate.

### **Vehicle insurance**

The limit on reimbursement of vehicle insurance had been removed.

### **Reliable transportation**

A significant change was made to the Reliable Transportation benefit which had previously been proposed as a \$30,000 payment with the restriction that any vehicle purchased with this benefit would be traded in on a NICA van if a van was needed. Under the previous proposal, NICA would not pay maintenance or insurance for these vehicles. This was not working for NICA's families.

The revised benefit provides for minivans or SUVs for families who would not need the full size, accessible vans that NICA had purchased for many years. NICA would pay the operating expenses for these vehicles just as it does for the larger, accessible vans. In the past, a letter of medical necessity had been required for NICA Vans. These letters would no longer be required.

Ms. Jaacks advised the Board that at each Board meeting, she would go over the clarifications and benefits that had been changed or added. Much of the changes have been clarifications and removal of old limitations that were no longer applicable.

The Chair suggested that if a Board member has issue with any of the changes that had been presented, the Board would discuss and if necessary, take a vote. Otherwise, Ms. Jaacks and staff should continue to refine the Benefit Handbook and make it as user friendly as possible and take a vote when it is complete.

Dr. Dereddy felt that the revised version was much simpler and more straight forward and complemented Ms. Jaacks. He stated that the Parent Advisory Committee should provide feedback on the revisions. He also asked if parents and family members were eligible for psychotherapeutic services for a certain period of time after a participant passes away. He asked that the draft Benefit Handbook be posted on the NICA website for comment.

The first draft on the Benefit Handbook was on the NICA website and staff had received comments and those comments had been incorporated into the current version. The issue raised regarding psychotherapeutic services was an agenda item for the Board to discuss later in the meeting.

Ms. Jaacks had been refining and adding benefits that were consistent with statute. If a benefit is not quite consistent with statute, that benefit is brought to the Board for a vote. There are several items later in the agenda.

The Chair clarified that some of these benefits may neither be specifically authorized nor specifically prohibited by the Florida Statutes and that NICA should work with its General Counsel's office to determine if the Board has authority to approve these benefits. The Board wanted to stay within its statutory authority but there is fairly broad discretion to make decisions in the best interest of serving the goals of the program.

Dr. London commended Ms. Jaacks and the staff for the draft which was a great improvement in terms of clarification and transparency. He had some comments that he would send to Ms. Jaacks and Mr. Ecenia. Dr. London asked if there was any opportunity for families to be offered limited financial planning guidance and counseling.

The Chair asked Ms. Jaacks to work with the General Counsel to determine if that is something NICA could offer. Ms. Jaacks advised the Board that the Parent Advisory Committee had brought up a similar issue with respect to aging parents and the aging participant population and different needs in the future. This may be something that could be addressed in the next legislative session as well.

## **RESERVE REVIEW**

### **Family Care – Retroactive Pay**

At the last meeting, the Board had instructed Ms. Jaacks to work with General Counsel regarding the Family Care benefit and the disparate treatment that had taken place in the payment and timing of that benefit. Some families had been offered the benefit prospectively from the time they entered the program while for others payment had been authorized retroactively to the date of NICU discharge. It is clearly a medically necessary benefit that should be reimbursed back to the date of NICU discharge. Ms. Jaacks had been working with NICA's General Counsel, Steve Ecenia, to determine how the issue could be resolved in light of the four year statute of limitations on benefit payments.

The Chair recognized Steve Ecenia to discuss the options. There is a four year statute of limitations for actions that may be brought in a civil lawsuit. However, to the extent that there are claims for Family Care that are appropriate and would have otherwise been paid, NICA would not be prohibited from entering into settlement agreements in order to pay these benefits. This approach would allow for consistency in the payment of benefits that are medically necessary and reasonable and that families were compensated for the care they provided.

Ms. Jaacks presented an estimate of the cost of retroactive Family Care which had included a review of 223 open claims and 215 closed claims. Of the 223 open claims, 73 were part of a class action and the Family Care issue had been settled by litigation. 27 had never received Family Care, 2 were brand new which left 121 who were potentially eligible for this retroactive benefit. Of the 215 closed claims, 116 were either part of the class action or were born prior to the 2002 legislation and 68 were not discharged from the NICU which left 31 potentially eligible.

Of the 152 potentially eligible families, some had received Family Care payments for dates of service prior to entering the NICA program while others had not. The estimated total for the retroactive Family Care was \$17 million.

Ms. Jaacks advised the Board that in the coming months, staff would be focused on payment of the retroactive Parental Award increase according to the amendment from the 2022 Legislative session. It was her hope that the retroactive Family Care issue would be resolved by the end of the calendar year.

Ms. Oliver stressed that the settlement agreements should cover anything that may be due retroactively and there should be no more discussion of retroactive payments. Ms. Jaacks clarified that the settlement agreements would be for anything older than the 4 year statute of limitations or related to a new benefit.

The Chair then recognized Steve Ecenia. There had been a number of families who had participated in the settlement of a class action lawsuit back in 2012. Anyone who participated in that class action case agreed, and final orders were entered, indicating that additional retroactive benefits for care provided by a parent or guardian would not be provided. The retroactive Family Care discussed at the current meeting would not affect any of the settlements that were entered into as part of that class action.

### **Family Care – 10 Hour Limit**

Due to the nursing shortage, many NICA families had been struggling to find nursing care for participants. More families were making the decision to stay home and care for participants.

Ms. Jaacks summarized the current process related to the statutory Family Care benefit. When participants come into the program, NICA requests that a Nursing and Caregiver Form to be completed by the participant's physician. This form documents the medical necessity of professional care. The physician also certifies whether or not the parent is capable of providing the required care. NICA staff relies heavily on these documents to authorize professional care. The form indicates the level of care and number of hours needed.

If a parent or guardian holds a professional healthcare license such as CNA, LPN or RN, that care is considered to be professional care and not Family Care. These parents may provide all the care authorized or provide some of the care in combination with other caregivers. In the past, parents who did not already hold a professional license were encouraged to obtain a CNA license so they could be moved into the professional category and not be limited to 10 hours. Otherwise, care provided in the Family Care category was limited to 10 hours.

After discussion with the General Counsel, Ms. Jaacks requested that the Board authorize that a parent would be considered to meet the definition of professional when a participant requires more than 10 hours of care and that the participant's physician certifies that the

parent is capable of providing that professional care. The proposed effective date for the change was April 1, 2022.

Ms. Jaacks provided a summary of the Family Care profile of the 223 open claims which is shown below:

- 73 class action so not impacted by 10-hour limit
  - 2 receive no nursing / family care
  - 22 receive 24-hour care
  - 38 receive 16-20 hours of care
  - 11 receive less than 16
- 28 receive no family / nursing care
- 53 receive 24-hour care (minimum \$131,400 annually)
- 22 receive 12-18 hours of care (minimum \$65,700-\$98,550 annually)
- 4 receive less than 10 hours care so assume would not be impacted
- 43 are capped at 10 hours (\$54,750 annually)

Of those 43 families who are capped at 10 hours:

- 26 have Nursing and Caregiver Forms indicating care needed is in excess of 10 hours

Removing the 10 hour limit for these 26 participants would result in an annual increase in cost of \$1.4 million with an increase in the outstanding reserves of approximately \$18.2 million.

- 17 have Nursing and Caregiver Forms indicating care needed is exactly 10 hours

For the cases that were authorized for exactly 10 hours, it was assumed that new Nursing and Caregiver Forms would reflect an average of 16 hours. This would result in an estimated annual increase in cost of approximately \$.6 million with an increase in the outstanding reserves of approximately \$6.4 million.

The overall estimated impact of removing the 10 hour limit on Family Care was an annual increase in cost of approximately \$2 million and an increase in the outstanding reserves of approximately \$24.6 million.

The Chair then asked for clarification that after discussion with NICA's General Counsel, this would be consistent with what is authorized in the statutes. Mr. Ecenia noted that there were already families, as the class action indicated, who were being compensated for more than 10 hours of care. He added that as long as a physician certifies that the care required is professional care and not "family residential or custodial care" and that the physician determines that the family member is qualified to provide that care, the 10 hour limit could be exceeded. In those circumstances, the family members would be reimbursed for professional care and not Family Care. Although there is a limitation on Family Care to 10 hours, this care would be necessary and provided under the direction of a physician. There is

no specification in the statutes that professional care means that the provider has a nursing degree.

### **Mental Health Benefit Change**

The psychotherapeutic services benefit that had been added with the 2021 statutory amendment was worded as such that it was only available to family members of participants currently in the program. There had been much public testimony around this issue.

Ms. Jaacks asked the Board to authorize making that benefit available to the 206 families of participants who had died in the past as detailed below. She recommended establishing an amount related to a two year benefit calculated as \$10,000 per year for 2 years or \$20,000. This benefit should be allowed to roll over with no time limit until the entire \$20,000 is utilized. The effective date would be the date the 2021 amendment became law.

The estimated impact on cash flow and outstanding reserves for this change was minimal at less than \$40,000 per year based on current utilization.

### **EXECUTIVE SESSION**

The Chair stated that the Board was about to hold Executive Session from 11:45 until 12:15 to be followed by lunch. The Public Session would resume at 12:45.

The Board then adjourned to Executive Session.

Board members present were:

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

Also present:

Melissa Jaacks, NICA Interim Executive Director  
Steve Ecenia, NICA General Counsel  
Kimberly Bartholomew, Court Reporter, Phipps Reporting

Pending litigation was discussed.

The Executive Session ended.

### **PUBLIC SESSION RESUMED**

The Chair reconvened the public session of the meeting.

## **RESERVE AND CASH FLOW IMPACT OF PROPOSED CHANGES**

Ms. Jaacks presented a summary of net position or unreserved assets at June 30, 2021 and September 30, 2021. The unreserved assets had decreased from approximately \$500 million at June 30, 2021 to approximately \$233 million at September 30, 2021 due to the recognition of additional liabilities related to NICA paying primary to Medicaid.

The impacts of the 2022 legislative changes as well as other changes proposed during the meeting were summarized as follows:

- Payment of increase in parent award to families whose children have died
  - 206 families times \$150,000 equals \$30.9 million one time impact
- Retroactive Family Care benefit issue – one time impact of \$17 million
- Remove 10 hour limit on Family Care - \$24.6 million
- Pending litigation – unknown
- Total all items = \$72.5 million
- Resulting reserve = \$160.5 million

Projected estimated cash flows were estimated as follows:

- Revenue from assessments \$30 million
- Administrative budget \$3.6 million
- Estimated ongoing paid reimbursements \$34.7 million
- \$8.3 million cash flow deficit before investment earnings – no benefit changes
- Potential impact of eliminating 10 hour limit on family care - \$2 million
- Potential cash flow deficit \$10.3 million

Estimates of net investment income were summarized:

- Current Investments - \$1.664 billion
- Reduce for one-time impacts of retroactive parental award and retroactive family care detailed above
- Resulting Investment balance - \$1.6 billion
- Net investment income estimated at 5% = \$80 million – covers \$10.3 million deficit noted above
- Covers future estimated Medicaid annual cash flow impact of \$15 million

The Chair asked if the 5% estimated investment income was conservative and reasonable based on the current environment. Ms. Jaacks commented that this estimate may not be met in the current year but that this was the estimate used by NICA's actuaries for investment income and was reasonable as a long term assumption.

## **PUBLIC TESTIMONY**

Several families of NICA participants addressed the Board.



Some of the issues that were raised included:

It can be very difficult to hire caregivers at NICA's reimbursement rates which causes additional stress for families caring for NICA participants.

Family members were very pleased with and highly complimentary of Ms. Jaacks and felt that NICA is moving in the right direction under her leadership. The Chair agreed.

Families should be notified and educated earlier that NICA is available.

### **BOARD VOTES**

A motion was made to authorize staff to enter into settlements to address the retroactive family care issue.

A motion was made to authorize staff to consider families who need more than 10 hours of care and who have been certified to be capable of professional care to be paid for more than 10 hours as professional care as opposed to Family Care.

A motion was made to make the mental health benefit available to family members of participants who have died. The benefit would be \$20,000 and would be allowed to roll over with no time limit until the entire \$20,000 is utilized.

A motion was made to authorize staff to liquidate \$47.9 million in investments for payment of the retroactive Parental Award and other items considered during the meeting.

**All of the above were taken as one motion and the motion passed unanimously.**

Proposed future meeting dates were June 2022 and August 25, 2022. The June meeting may not be necessary. The Chair asked Board members to communicate directly with Ms. Jaacks regarding their availability on these dates.

### **ADJOURN**

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



## **Agenda Item # 4 (Tab B)**

### **Parental Pay Rates**

## **Current Caregiver Hours Profile**

### **Annual reimbursement – \$25.2 million\***

- \$20.3 million paid by NICA to families
- \$2.2m paid by NICA to others
- \$2.7m paid by others (e.g. 3<sup>rd</sup> party insurance)

### **Authorized care – of 225 families:**

- 120 families @ 24 hours
- 37 families @ 20-22 hours
- 14 families @ 16-19 hours
- 8 families @ 12-15 hours
- 17 families @ 10 or fewer hours
- 29 families @ no hours

### **Range of reimbursement to 225 families (none taxed as income per IRS ruling):**

- 117 families (52%) receive between \$100k and \$255k
  - 6 receive more than \$200k because majority of hours authorized by physician are for nursing care and one parent is a nurse
  - 4 receive between \$150k and \$185k because some hours authorized by physician are for nursing care and one parent is a nurse
  - Remaining are between \$104k and \$147k because 20-24 hours are authorized and parent provides all (or almost all) care @ \$15 per hour
- 25 families (11%) receive between \$75k and 99k
  - Authorized for fewer hours or some care is paid to other provider (i.e. parent does not provide 100% of care)
- 39 families (17%) receive between \$50k and \$74k
  - 21 of these have 20-24 hours authorized but half the care is provided by other provider (many require some nursing care provided by staffing agency or private duty nurse)
- 12 families (5%) receive between \$25k and \$49k
  - About half are authorized for more than 16 hours but some care provided by other provider
- Remaining 32 (14%) receive no reimbursement
  - 29 no hours authorized
  - 3 all care is reimbursed to others (almost all LPN / RN)

*\*Prior to 4/1/2022 change approved by BoD, annual amount was \$23m*

# **Agenda Item # 6 (Tab C)**

## **Benefit Handbook**

# BENEFIT HANDBOOK

August 17, 2022

DRAFT



SUPPORTIVE SERVICES FOR  
FAMILIES & PHYSICIANS

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## Florida Birth-Related Neurological Injury Compensation Plan (Last Updated August 17, 2022)

### 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.

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 participant’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)

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 participant’s condition and medical needs. Families should submit medically necessary expenses not otherwise addressed in this Benefits Handbook for consideration to their participant’s case manager.

One family may, or may not, be eligible for the same benefits as another family because of each participant’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.

Please note that while, given recent legislative changes in Florida, NICA considers itself to be primary to Medicaid and a third party for NICA-covered services, we are still working with AHCA on a plan to coordinate services to ensure seamless service delivery to our participants. Until that plan is finalized, participant families should not change how they obtain services from their providers. Once the transition plan is complete, it will be communicated to families along with any new processes. However, if a family is experiencing any issues with obtaining Medicaid services, please contact your case manager so that NICA can go ahead and transition those services to NICA funding.

## CLAIMS REQUEST FOR REIMBURSEMENT OR BENEFITS

In order to request a new benefit, the parent or guardian of a NICA participant may be asked to supply one or combination 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 from your insurance carrier
- A receipt or other proof of purchase or direction to pay the reimbursement to you or to the provider directly
- A written explanation from the parent or guardian as to why the benefit is in the best interest of the participant and how it is related to their birth injury.

Please see the individual benefit descriptions to follow that detail the documentation needed for each type of benefit. 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.

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 four years (in accordance Section 95.11(3)(f), Florida Statutes) 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 participant'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 to pay the benefit.

## INITIAL PARENTAL AWARD

Beginning January 1, 2021, parents or legal guardians of a NICA participant are entitled to an award not to exceed \$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 participants will need some level of professional nursing or attendant care during their lifetime. Many families opt to stay home and provide care for their participant, while other families 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 participant's unique medical needs, and the skills of the caregiver.

In order for NICA to pay for nursing care for a participant, your case manager will send a Patient and Nursing Caregiver Form (PNCF) to a physician who provides care for the participant to complete. This form is what NICA will use to authorize the amount and type of care available. The form identifies the number of hours of care required and the level of care for those hours (i.e., CNA, LPN, or RN). NICA may periodically conduct a review with medical professionals to assess the ongoing and sometimes evolving needs of the participant over time.

If applicable, NICA may also request information from your insurance plan regarding the nursing care coverage they provide. Your Case Manager can help you with this process.



## Nursing Care Provided in Home by Parent or Legal Guardian:

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

## For participants 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 the participant within a 24- hour period. If more than 10 hours are authorized, other caregivers can be reimbursed for care authorized and provided in excess of 10 hours. NICA does not reimburse for any hours when the participant is in school or PPEC.

If a participant requires more than 10 hours of care and if the parent is considered a medical professional (e.g., CNA, LPN, RN), the 10-hour limit is waived. A parent can be reimbursed at their level of licensure (at the Florida Medicaid rate) for the hours of care deemed medically necessary and provided by the parent. For example, if the parent is an LPN and the PNCF authorizes 12 hours of CNA care and 12 hours of LPN care, and the parent provides all 24 hours of care, that parent would be reimbursed for 12 hours at the [CNA rate](#) and 12 hours at the [LPN rate](#).

## For NICA participants 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](http://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 participant. If other caregivers are involved in the care, the combined limit is 20 hours per day. School hours are also deducted. If a parent or guardian cares directly for the participant and is a licensed professional caregiver (e.g., Certified Nurse Assistant, Licensed Practical Nurse, or Registered Nurse), the caregiver can be paid for up to 24 hours per day. Payment rates are based on the parent or guardian's level of licensure, and the number of hours authorized by the physician.

## Care while Hospitalized:

If a NICA participant 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 their typical rate of pay, including day of admit and day of discharge. This change is effective January 1, 2021.

## Professional Nursing or Attendant Care Provided in Home:

If recommended by a physician, NICA will reimburse families for medically necessary and reasonable professional nursing or attendant care provided for the participant. NICA will directly reimburse a provider agency or another qualified caregiver, as preferred by the parent or legal guardian. Parents can also be reimbursed when a third-party caregiver misses a shift and a parent must provide some of the care, subject to providing documentation to NICA of the missed shifts.

To request this benefit, a parent or legal guardian can contact their Nurse Case Manager. The Case Manager will request payment information for either the individual or nursing agency the parent wishes to care for the participant.

## Nursing Care Provided Prior to NICA Program Entry:

Nursing care provided from date of discharge from the NICU up until the date of entry into the NICA program is reimbursable under the parameters above. The PNCF will be obtained upon entry into the program and applied retroactively.

## Custodial Residential Care:

In the event a participant must be moved out of their home into a professional care facility, NICA will pay for the cost of the facility when no other payor is available.



## 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.

## DENTAL TREATMENT

Beginning January 1, 2022, dental services that are medically necessary and related to the birth injury are covered. The only items not covered are the cost of routine cleanings twice per year. Prior requests that have been denied within the last four years will be reconsidered on request.

## PRESCRIPTION DRUGS

Prescription drugs will be reimbursed with a receipt and copy of the label. This reimbursement is exclusively for drugs related to care and treatment associated with the neurological birth injury.

## INSURANCE POLICIES AND PREMIUMS

NICA encourages families to carry health insurance if the participant 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

NICA will reimburse families for the participant's portion of a health insurance premium starting from the date when the request is made in writing to NICA. For participants entering the program on or after January 1, 2022, NICA will reimburse families the participant's portion of the insurance premium from the date of birth of the participant.

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

## THERAPY

NICA will reimburse families for therapies performed by a licensed therapist which are determined to be medically necessary and reasonable by a physician.

Some of the therapies covered include:

- Physical Therapy
- Occupational Therapy
- Speech Therapy
- Aqua Therapy
- Intensive Therapy
- Music Therapy
- Equine therapy
- Massage Therapy
- Behavioral Therapy
- Vision Therapy

Annual therapy camp programs will be covered up to \$2000. Therapy camp may be covered over \$2000 if it meets the standards of an intensive therapy. Your Nurse Case Manager will evaluate the plan of care for the therapy camp program to determine if the therapy camp can be covered.

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

NICA may consult periodically with appropriate medical professionals regarding the medical necessity for continuing various therapies.

To request therapy for the participant, NICA requires a plan of care written by the therapist and signed by the participant'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. If therapy is partially covered by an insurance plan or other entity, NICA will pay the copay or patient responsibility portion.

## MENTAL HEALTH SERVICES

NICA believes in promoting the well-being of our participants and their families. Beginning June 21, 2021, NICA will provide immediate family members (or legal guardians who reside with the participant) with a total annual benefit of up to \$10,000 to obtain mental health services from providers licensed under Chapter 490 and Chapter 491 Florida Statute (or similar statutes in other states). Providers under these Chapters include psychologists, marriage and family therapists, mental health counselors, and social workers. Mental health services provided by psychiatrists licensed under Chapter 458 Florida Statute (or similar statutes in other states) will also qualify for reimbursement. NICA will also pay for any co-payments or deductibles. In the event a participant passes away, families can receive the remainder of that calendar year's funds for mental health services (up to \$10,000), plus an additional two years of funds (up to \$20,000) for mental health services until the amount is exhausted.

***For reimbursement, NICA must be provided with documentation that the provider is licensed in their home state to provide such services, an explanation of benefits (if applicable), proof of payment, and the dates of service.***

***Recommendations outside of the therapy made to family members by mental health providers (e.g., prescription medication, massage therapy, yoga, etc.) are not reimbursable under this benefit.***

## EQUIPMENT

NICA will purchase or reimburse actual expenses for equipment that is requested for a participant's care. Because the equipment needed by NICA participants varies widely, a list of equipment that has been covered to date has can be found in Appendix A.

To order or reimburse for equipment that is less than \$3,000, NICA will require a written statement from the parent or legal guardian of the participant as to why the equipment is necessary (if not clearly related to the injury) and an insurance denial if the item is potentially covered by the participant's insurance plan.

To order or reimburse for equipment that is more than \$3,000 NICA will require a letter of medical necessity OR a prescription, and an insurance denial if the item is potentially covered by the participant's insurance plan. In some cases, (such as a stander or a wheelchair) NICA will also need the order specifications if buying directly from a vendor.

There are specific pieces of equipment where NICA has a relationship with a vendor for a specialized type or brand of equipment and would like to order the equipment requested from these vendors directly. You can find a list of this equipment in Appendix A with a "\*" beside the equipment name. In these cases, the documentation needed in the categories above would still apply.

\*NICA Nurse Case Managers can be contacted if there is an uncertainty about whether the equipment item requested may or may not need an insurance denial.

## Electricity Stipend

Effective October 15,2021, upon request, NICA may pay families a monthly stipend to offset the additional electricity costs associated with the use of medically necessary equipment related to the participant's neurological injury. The monthly stipend amount is based on the [U.S. Bureau of Labor Statistics cost per Kilowatt hour](#) for the south Atlantic region. The stipend will be adjusted each January 1st to reflect the change in Kilowatt hour from November of the prior year. To qualify for the stipend families will need to fall under one of two categories.

### Category 1:

Participant has additional electricity costs associated with the use of one of the following: an electric bed, oxygen concentrator, or a CPAP/BIPAP.

### Category 2:

Participant has additional electricity costs associated with the use of a feeding pump, suction machine, and a third piece of medically necessary equipment.

Families should reach out to their Nurse Case Manager to request the stipend and inform their case manager of current necessary medical equipment being used in the home. This must be requested by the parent or guardian and can be paid starting on the 1st of the month following the participant's entry into the program.

## SUPPLIES

NICA will purchase or reimburse actual expenses for supplies that are requested for a participant's care. Because the supplies needed by NICA participants vary widely, a list of supplies that has been covered to date has can be found in Appendix B.

To order or reimburse for supplies that are less than a onetime expense of \$3000 or a recurring expense under \$1000 monthly, NICA will require a written statement from the parent or legal guardian of the participant as to why the supply is necessary (if not clearly related to the injury) and an insurance denial if the item is potentially covered by the participant's insurance plan.

To order or reimburse for supplies that are more than a \$3,000 onetime expense or an over \$1000 monthly recurring expense, NICA will require a letter of medical necessity OR a prescription, and an insurance denial if the item is potentially covered by the participant's insurance plan.

\*NICA Nurse Case Managers can be contacted if there is an uncertainty about whether the item requested may or may not need an insurance denial.

## Specialized Nutritional Products

For participants who are unable to eat a typical diet and require modified soft/puréed food due to a digestive system dysfunction related to the neurological injury, beginning at age 2, NICA will reimburse pre-packaged specialized nutritional products OR provide a monthly stipend for fresh foods to be prepared into purée at home. Families choosing either option may need to provide a letter of medical necessity.

### Option 1: Reimbursement for Pre-Packages Specialized Nutritional Products:

NICA will reimburse for specialized nutritional products that provide needed nutritional value and are medically necessary. Puréed baby foods, enteral formulas, and other specialized nutritional products will be reimbursable for as long as they are medically necessary. Families must submit a receipt with any reimbursement request.

### Option 2: Monthly Fresh Food Stipend:

NICA encourages families to use fresh foods and beginning October 1, 2022, NICA will provide a monthly stipend for those fresh foods needed for families to process puréed food at home. The monthly stipend is based on the [USDA's Thrifty Food Plan](#) which estimates the monthly cost for a nutritious diet based on age. The monthly stipend effective October 1, 2022 will be based on the June 2022 USDA Thrifty Food Plan report. NICA will update the monthly stipend amount for families each January 1st based on the most recent USDA Thrifty Food Plan monthly average report available.

*If families opt for the monthly fresh food stipend, there will be no reimbursement for specialized nutritional products.*

## Blender

In addition, NICA will reimburse families, whose participant requires a modified soft/puréed food diet, up to \$500 for a blender every three years. Families must submit a receipt with any reimbursement request for a blender and a letter of medical necessity may be required.

## ANNUAL SPECIAL BENEFIT

NICA will reimburse families up to \$500 per calendar year for any items that are related to the participant's best interest. Examples may include adaptive toys, pool equipment, games, electronics, and other items that improve quality of life. Beginning with the 2021 benefit, any unused amounts can be rolled over indefinitely.

## TRANSPORTATION AND TRAVEL

### Reliable Transportation

When a participant needs a reliable mode of transportation, NICA coordinates the purchase of a reliable vehicle or an accessible van upon the parent's request. Current proof of vehicle insurance and valid driver license is required.

NICA is listed as a lienholder on the vehicle's title. However, the vehicle itself is titled in the name of the parents or legal guardians as custodians for the participant under the Florida Uniform Transfer to Minors Act.

## As lienholder, NICA pays and/or reimburses the following expenses:

- Vehicle purchase price and associated acquisition costs
- License tag/registration and renewals
- Maintenance costs. Any expenses more than \$500.00 require pre-approval or they may not be reimbursed.
- Basic insurance coverage, full collision coverage, and comprehensive coverage. NICA must be listed as lienholder on the policy.
- Mileage for medical appointments or pre-approved travel will be reimbursed at twice the [GSA rate](#) for a government furnished vehicle.

NICA replaces the vehicle every seven years or 150,000 miles, whichever comes first.

Families no longer needing a vehicle should return it to NICA in good working order within 60 days.

## Travel Reimbursement

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

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

- When using reliable transportation:
  - Mileage for medical appointments or pre-approved travel will be reimbursed at twice the [GSA rate](#) for a government furnished vehicle.
- When using a personal vehicle:
  - Mileage for medical appointments or pre-approved travel will be reimbursed at the [GSA rate](#) for a privately owned vehicle.

In order to be reimbursed for mileage, NICA must have documentation of the reimbursable appointment the participant attended. Mileage reimbursement will be calculated by the participant's Nurse Case Manager using the addresses for the locations provided by the parent or legal guardian. If the parent or legal guardian wants a specific map route used for the reimbursement, they will need to provide the map used to arrive at the location to their Nurse Case Manager for reimbursement.

When a participant must travel, one-way either 30 miles or in excess of 45 minutes, from home for a medical, therapeutic, or otherwise reimbursable appointment, NICA will reimburse for meals and incidentals at the GSA day of travel rate (75% of the per diem) for up to two caregivers and the NICA participant, if applicable. No receipts are required. Note that the rate utilized is the rate effective in the destination city.

When the participant and one parent/guardian travel at least 50 miles from home and must stay overnight, NICA will reimburse accommodations of the actual expense up to 1.3 times GSA lodging rate (plus applicable sales taxes) for the destination city.

Meals and incidentals are also reimbursed for overnight travel in accordance with GSA policies for up to two caregivers and the NICA participant, if applicable.

Beginning January 1, 2022, if the participant is flown, NICA will reimburse airline coach travel fares for the participant and two parents/guardians and will reimburse accommodations of the actual expense up to 1.3 times GSA lodging rate. Please note this GSA rate is intended to cover all travelers.

Upon submission of receipts, NICA can 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

Participants are entitled to a housing assistance benefit of up to \$100,000 during their lifetime. This benefit has been utilized by families in a variety of ways including (but not limited to) accessible renovations in a current home, new home construction, mortgage or rent monthly payments, moving expenses to a more accessible dwelling, whole house generators or a down payment on a new home. Please contact your case manager with any questions and for information on the documentation needed to utilize this particular benefit.

## BEREAVEMENT SUPPORT FUND

It is NICA's utmost goal to support participants and families through every chapter of life. In the event that NICA is notified of the death of a participant, families will receive \$50,000 in an effort to unburden them of the cost of services. A time of loss can be emotional and confusing, NICA desires to be a resource for healing for its families during these difficult times.

## GUARDIANSHIP

When a participant turns 18, states typically require parents to become legal guardians to continue making medical decisions on their behalf. NICA will cover the costs for families to obtain guardianship of their NICA participant. Families may select their own attorney, or at request by the parent, NICA can provide a list of attorneys who specialize in guardianship. While there are no restrictions for the cost of obtaining guardianship, it is expected that the range of all costs will be \$3,000-\$7,500. NICA will also cover the costs for annual guardianship renewals.

## 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 preapproval. It may include the duration of the program; expected medical benefits; and availability of the program elsewhere in Florida if it is located outside the participant's home area.
2. A report must be received from the participant'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, as well as evidence the participant 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 participant.

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 participant and their family but are not addressed in this Benefits Handbook. If there is an item or service you feel should be covered and is not mentioned please talk to your case manager.

## 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 participant 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 have the right to file a petition with the Division of Administrative Hearings to dispute the amount of actual expenses reimbursed or the denial of benefits. See [DOAH.fl.us](http://DOAH.fl.us) for more details. Parents or legal guardians may contact the Insurance Consumer Advocate at the Florida Department of Financial Services for additional guidance on an informal basis.

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

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



## AGREEMENT GOVERNING NICA - PURCHASED VEHICLE

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_, by and between the Florida Birth-Related Neurological Injury Compensation Association (“NICA”) and \_\_\_\_\_ (“Parent”) as parent and/or legal guardian of \_\_\_\_\_ (the “Participant”).

WHEREAS, the Participant is covered by the Florida Birth-Related Neurological Injury Compensation Plan (the “Plan”); and

WHEREAS, pursuant to Section 766.31, Florida Statutes, the Participant received a NICA Award for payment of “[a]ctual 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,” and

WHEREAS, it has been deemed appropriate to purchase a medically necessary, specially equipped vehicle (YEAR \_\_\_\_\_, MAKE \_\_\_\_\_, MODEL \_\_\_\_\_, VIN \_\_\_\_\_; hereinafter the referred to as the “Vehicle”) for the benefit of the Participant to ensure medically-necessary wheelchair transportation for the Participant; and

WHEREAS, NICA is willing to supply such a vehicle on the terms and conditions set forth in this Agreement and Parent agrees to abide by the terms and conditions of this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, NICA and the Parent agree as follows:

### 1. Purchase of the Vehicle:

NICA will pay the purchase price and associated costs of acquisition of the Vehicle, but NICA will not retain title to the Vehicle. NICA shall have no legal responsibility or liability arising, directly or indirectly, from ownership or use of the Vehicle.

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 up to and including the amount of such refund and rebate.

### 2. Title:

The Vehicle shall be titled in the name of the Parent, as Custodian for the Participant under the Florida Uniform Transfer to Minors Act for the benefit of the Participant. 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.

### 3. Use and Operation of the Vehicle:

Parent agrees that the Vehicle shall be used and operated primarily for the transportation of the Participant for medically necessary travel which generally means travel with the Participant in the Vehicle to attend appointments including physician visits, therapy or other similar travel. Parent further agrees that the Vehicle is not the Parent’s personal vehicle; shall not be used to haul or transport any illegal substances or cargo; and, shall not be used to haul or transport any items other than the Participant’s medically necessary equipment.

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 twice the rate determined by the U.S. General Services Administration (GSA) per mile for a government--furnished vehicle.

#### 4. Maintenance and Condition of the Vehicle:

NICA agrees to pay for all license tag/registration and renewals, tires, batteries, and other vehicle maintenance which is reasonably necessary. Parent must provide receipts for reimbursement of maintenance. Any expenses in excess of \$500.00 require pre-approval or they may not be reimbursed.

Parent agrees to maintain the Vehicle according to the manufacture's service schedule and in good working condition, free from significant cosmetic damage, reasonable wear and tear excepted. Parent further agrees to have any necessary repairs timely completed as recommended by a mechanic. Parent acknowledges that failure to maintain the Vehicle in good working condition will result in a shortened life and value of the Vehicle. NICA reserves the right to not replace Vehicles that fail to reach seven (7) years or 150,000 miles in good working condition. Any damage to Vehicle must be repaired before it is replaced.

In addition, Parent acknowledges that the Vehicle is to be maintained in a reasonably clean condition (i.e., no excessive debris and/or trash in the vehicle which blocks clear access to any special equipment required for transportation of the Participant and the Participant's wheelchair). Any Vehicle not maintained in a reasonably clean condition may not be replaced.

#### 5. Insurance:

Parent agrees to maintain at a minimum the State minimum mandatory coverages, including bodily injury/property damage liability insurance with limits of \$10,000/\$20,000/\$10,000, full comprehensive and collision insurance, basic personal injury protection (no fault) as well as any other insurance as may be required by state or other applicable law. NICA will reimburse the Parent for the insurance coverage as specifically set forth below.

NICA will only reimburse for insurance coverage for the Parent's operation of the Vehicle. NICA will not reimburse for increases in automobile insurance premiums attributable to a poor driving record of the Parent or for any additional driver. Failure to maintain insurance as required in this Agreement may result in loss of the Vehicle or the Vehicle not being replaced.

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. Parent agrees to report any accident and/or body damage to the Vehicle to NICA and the Parent's insurance company as soon as practicable after an accident occurs or damage to the Vehicle is discovered. Failure to report damage to the Vehicle to NICA and the Parent's insurance company, as required in this Agreement, may result in loss of the vehicle, or if totaled, the Vehicle not being replaced.

#### 6. Life of the Vehicle:

This Agreement shall be binding upon any successor custodian, guardian, or similar fiduciary who may act as custodian 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. Unless other arrangements are made with NICA, the Parent agrees to deliver possession of and transfer title to the Vehicle to NICA seven (7) years from the date of possession or when the vehicle reaches 150,000 miles, whichever is sooner. 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.

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

Year/Make/Model: \_\_\_\_\_ Color: \_\_\_\_\_ I.D. No: \_\_\_\_\_

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

**PARENT:**

\_\_\_\_\_  
INSERT TYPED NAME OF PARENT

STATE OF FLORIDA  
COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2022,  
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 ASSOCIATION (NICA):**

By: \_\_\_\_\_  
Melissa Jaacks, Interim Executive Director

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_,  
2022, by Melissa Jaacks as the Executive Director of NICA, 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 participant 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 participant 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 participant, providing parents or legal guardians with a reliable method of transportation for the care of the participant or reimbursing the cost of upgrading an existing vehicle to accommodate the participant'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 participant. The plan may not limit such transportation assistance based on the participant'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 participant, 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 participant 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 participant 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 subsubparagraph 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 participant 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 participant 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

P.O. Box 14567  
Tallahassee, Florida 32317  
Toll-Free 1-800-398-2129  
Phone (850) 488-8191  
Fax (850) 922-5369  
Web NICA.com

## APPENDIX A: EQUIPMENT

Appendix A – Equipment			
This list includes but is not limited to equipment that has been previously authorized.			
<u>Equipment &lt; \$3000</u>		<u>Equipment &gt; \$3000</u>	
Activity Seat/Chair			Bed
AFOs			Ceiling Lift (Mobility Works)*
Air Loss Mattress			Communication Device
Baby Monitor/Video			Compression Vest
Bath Chair			Electric Wheelchair
Car Seat			Firefly (Chairs)*
Changing Tables			Freedom Concept (Bikes)*
Computer			Gait Trainer
Feeding Chair			Hospital Bed
Feeding Pump			Permanent Ramp
Floor Ramps/ Thresholds			Portable O2 Concentrator
Glasses			Portable Pool Heater
Hitch for Van			Portable Ramp
Hoyer Lift			Ppod Chair
Hot Tub or Pool Heater (\$2500 limit)			Scooter
Humidifier			Sleep Safe Bed*
Ipad***			Stander
Manual Transfer Wheelchair			Stim Designs (Galileo System)*
Mega Rubber Rolls			Stroller
Nebulizer			Tablet
O2 Concentrator			Tobii Dynavox*
Portable Ramp			Trexo*
Portable Suction Machine			Walker
Portable Generator (\$3000 limit)			
Pulse Ox			
Replacement parts for Equipment			
Stethoscope			
Suction Machine			
Therapy Bench			
Therapy Mat			
Toileting System			
Transfer Belt - with handles			
Urine Collection System			
*Items that NICA has a relationship with a specific vendor			
** Beginning 1/1/2022 there is no longer a \$500 limit for ipad purchase			

## APPENDIX B: SUPPLIES

### Appendix B – Supplies

This list includes but is not limited to supplies that have been previously authorized.

Adaptive Clothing
Alcohol
Baby Food
Backpack (for holding on-the-go emergency supplies)
Bibs
Booster Pads
Burp Cloth
Clorox Wipes
Diaper Rash Cream
Diapers (after age 3)
Feeding Bags - Pressure Relief System
Feeding Pump Kit
Feeding Spoons
Feeding tube cleaning supplies
Foam climbing blocks
Formula
Gauze
Gloves
G-tube accessories
Handgrips
Hippotherapy Helmet
Masks
Meal Replacement Powder
Mickey Buttons
Mouth swabs
Nasal Cannula
Oral Suction Toothbrushes
Oxygen

Pedialyte
Peroxide
Pullups
Saline
Sanitizer
Shoes for AFOs
Socks for AFOs
Specialized Feeding Cups
Suction Cathater
Suction Tray
Supplements
Syringes
Tape
Toothettes
Trach Supplies
Trachs
Trash Bags
Tubing
Underpads (with or without tape)
Urine Collection System Supplies
Emesis Bags
Washcloths
Water (for equipment or formula)
Weighted blanket
Wipes (after age 3)



# BENEFIT HANDBOOK

DRAFT

August 17, 2022



**Florida Birth-Related Neurological Injury  
Compensation Association**

P.O. Box 14567  
Tallahassee, Florida 32317  
Toll-Free 1-800-398-2129  
Phone (850) 488-8191  
Fax (850) 922-5369  
Web NICA.com



SUPPORTIVE SERVICES FOR  
FAMILIES & PHYSICIANS

# **Agenda Item # 7 (Tab D)**

## **Investment Update**



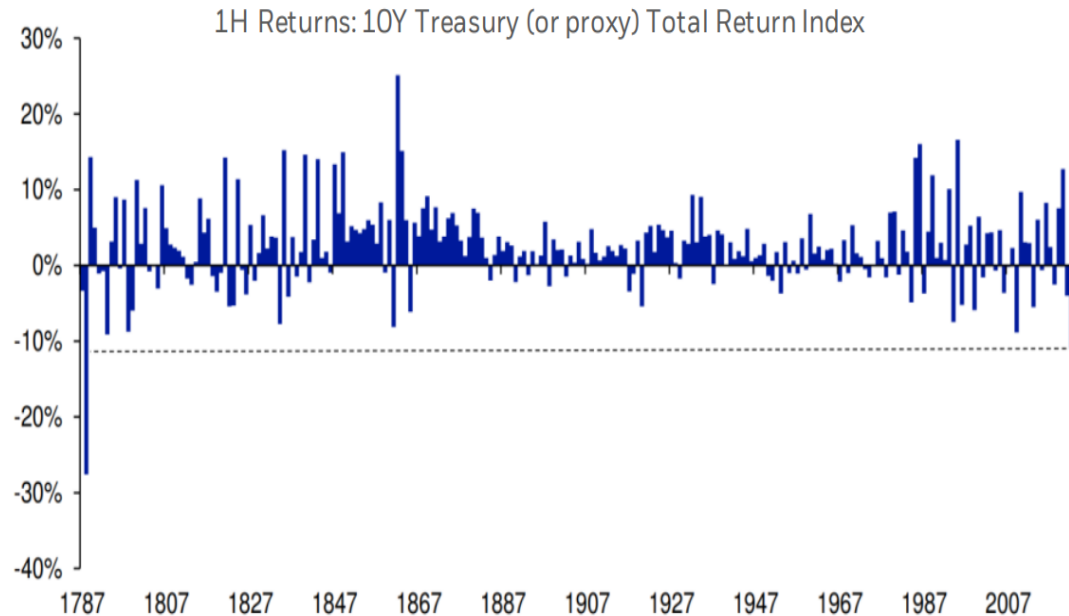
# NICA Investment Summary

## August 2022

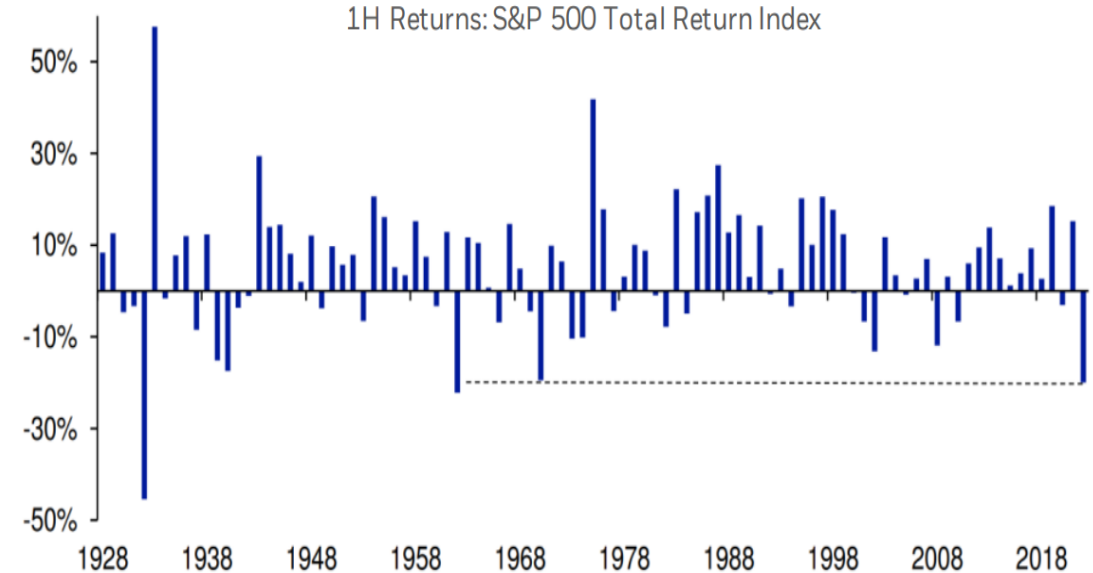
- Katy Wojciechowski/Independent Investment Consultant
- Felicia Bennett/Wilshire Advisors LLC

# All markets falter as the Federal Reserve pivots from injecting liquidity to tightening

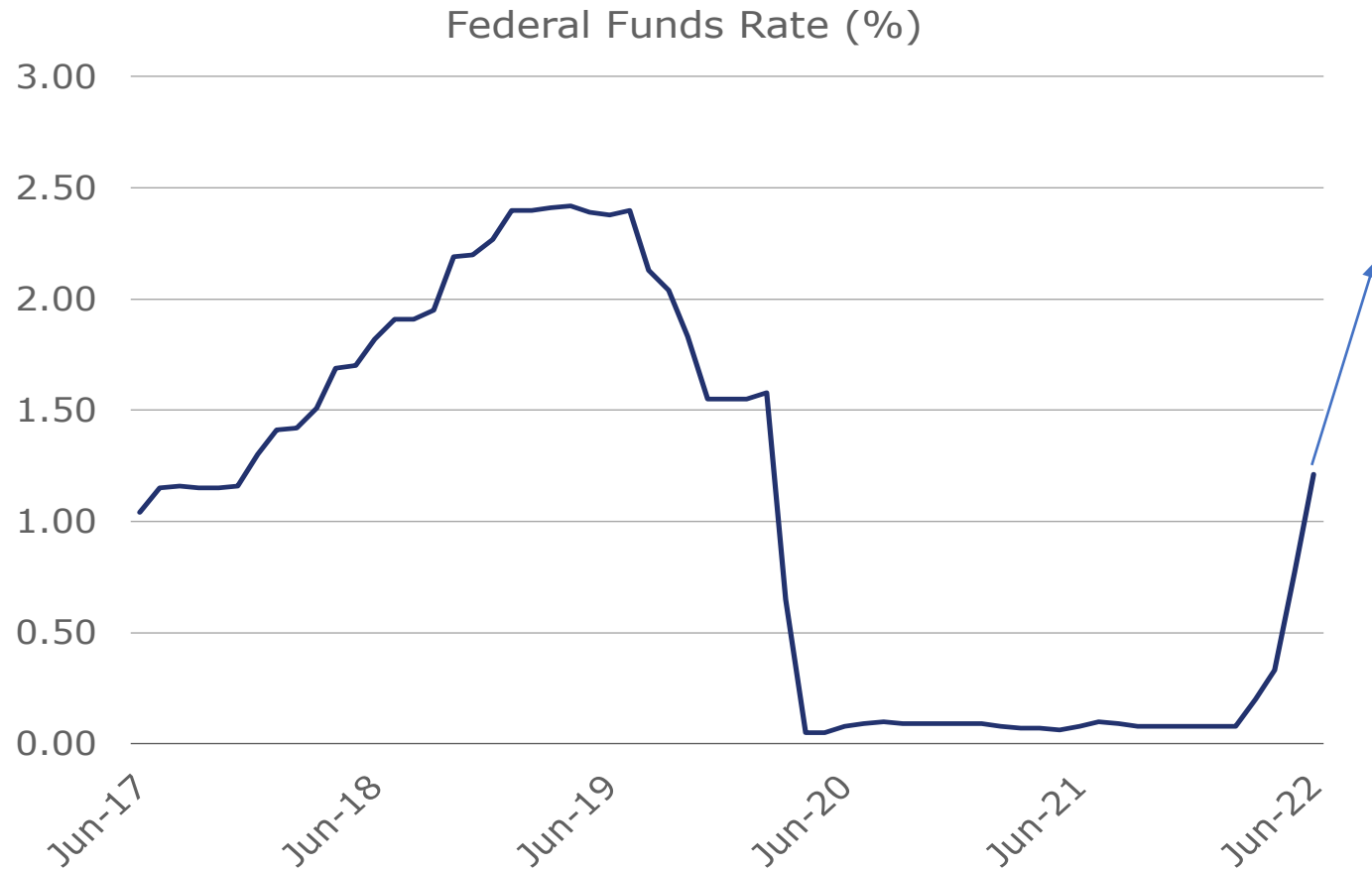
**History in the making: the worst first half for treasuries since 1788<sup>1</sup>**



**Apart from 1962, this has been the worst first half since the depression (1932) for equities<sup>2</sup>**

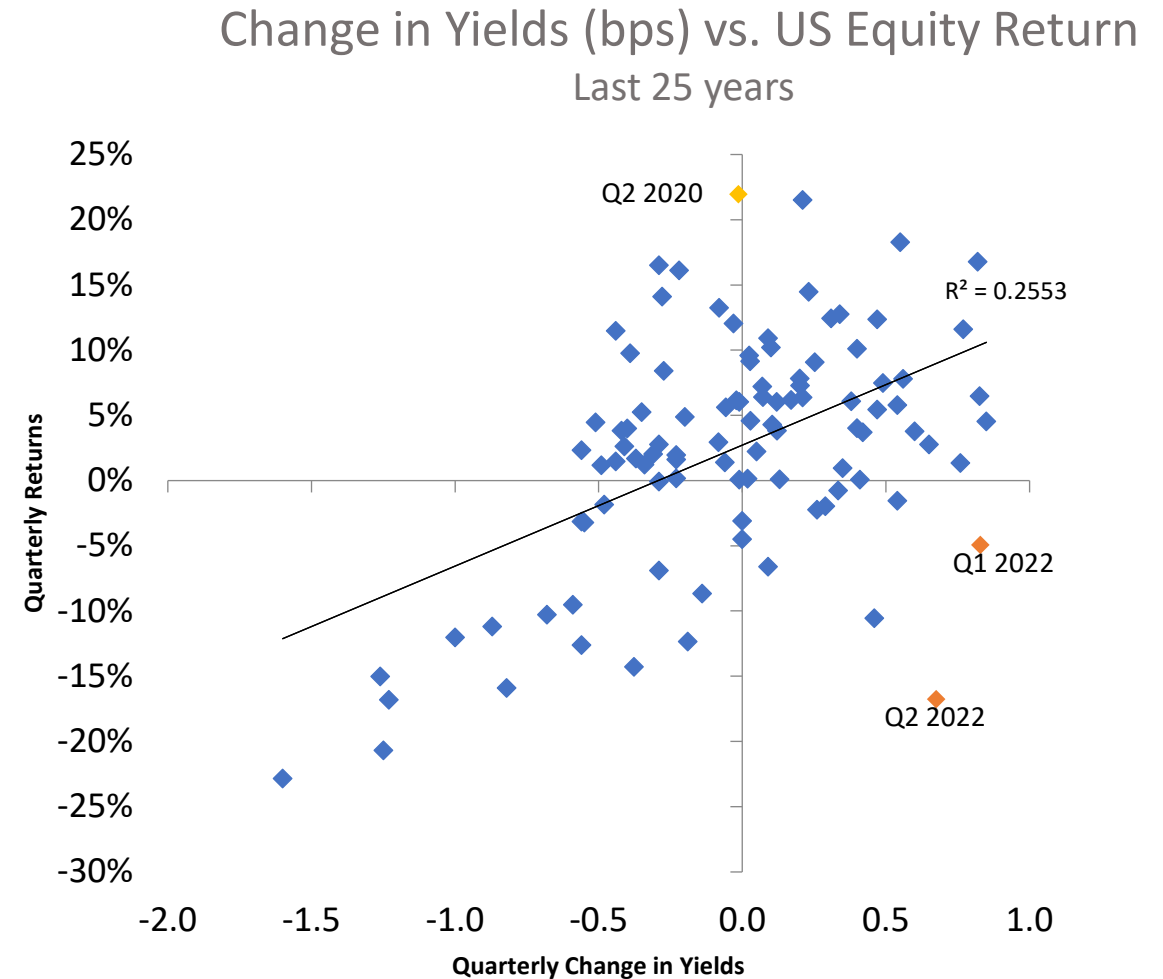
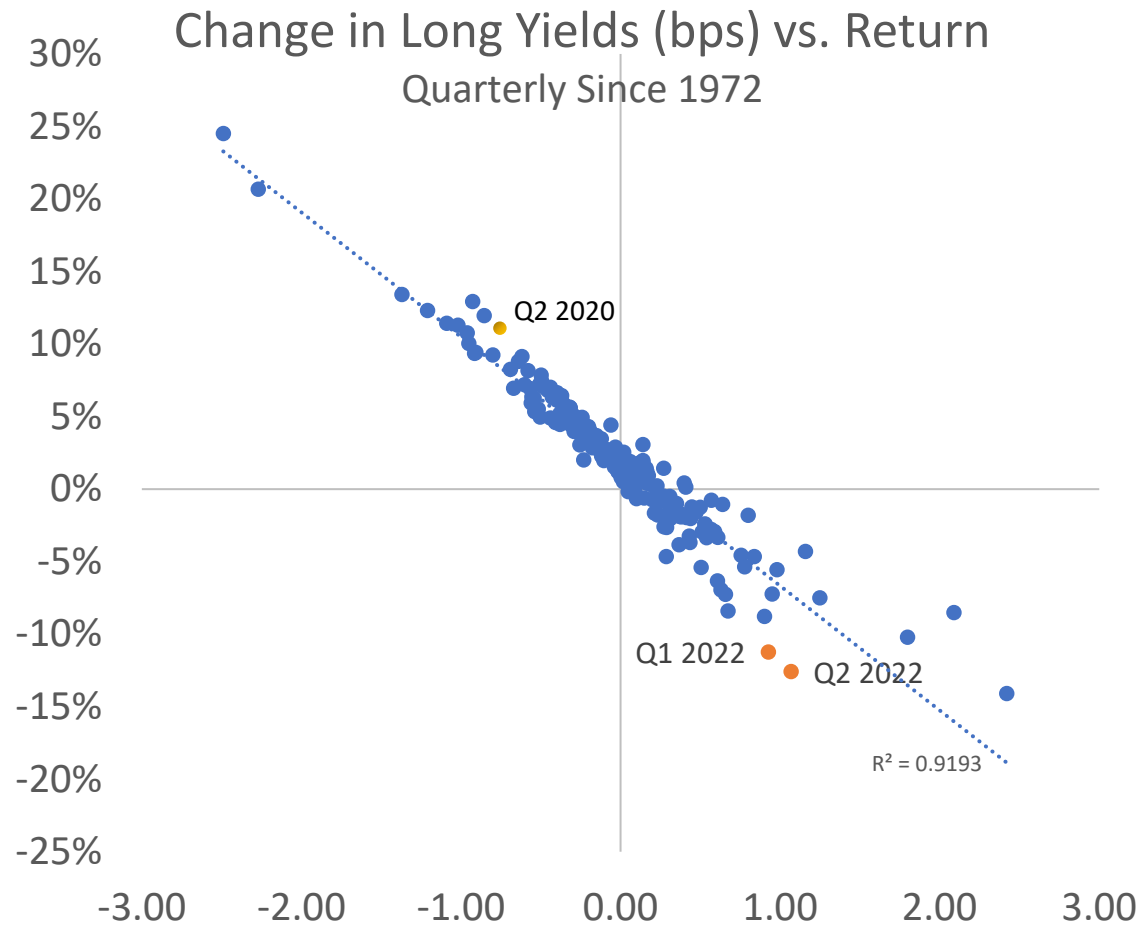


# Federal Reserve Activity – Abrupt Change



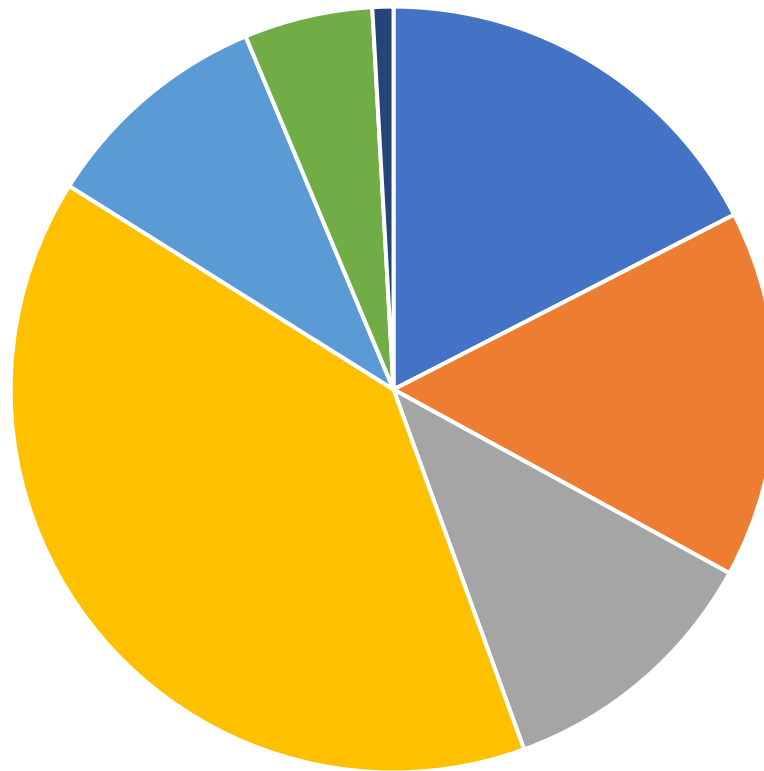
- After 2.25% (225 basis points) increase in the Federal funds rate since the start of the year, current expectation is for *another* 100 basis point increase by the end of 2022.
- The Federal Reserve has added more than \$4.5 trillion in assets to their balance sheet during the past two years- more than all of the liquidity that was added into the market in the six years following the global financial crisis.

# Q1-Q2 2022 returns were extreme due to sharply rising bond yields



# Plan Assets - June 30, 2022

Asset Allocation  
6/30/2022

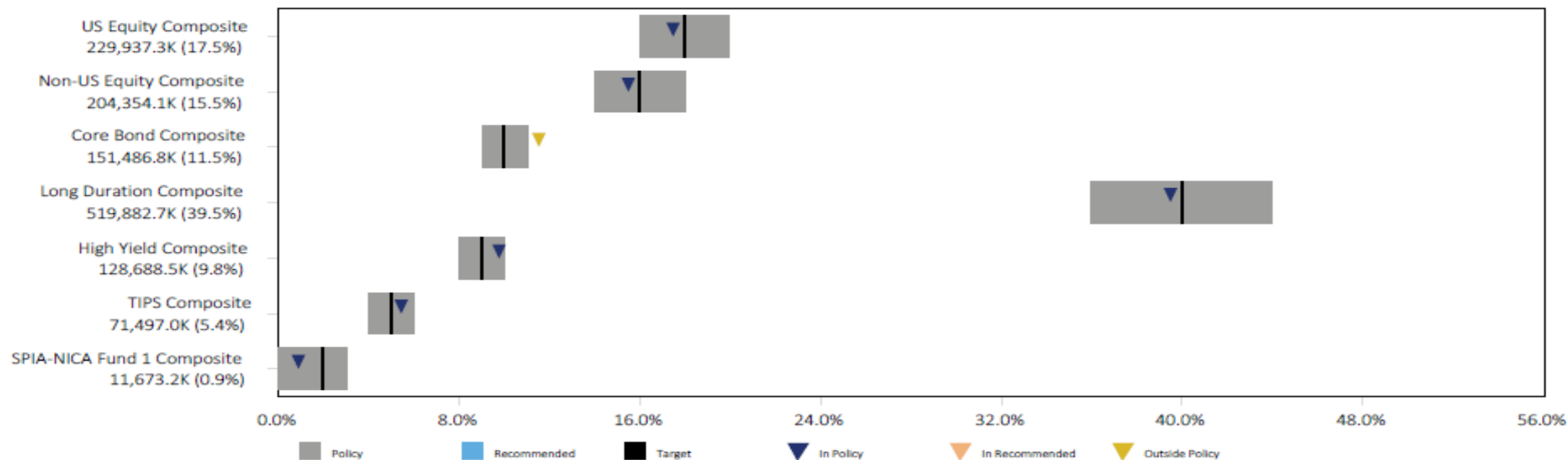


■ U.S. Equity ■ Non-U.S. Equity ■ Core Bond ■ Long Duration Bond ■ High Yield ■ TIPS ■ Cash

Market Value 12/31/2021	1,696,642,337
Distributions 1H 2022	(49,875,000)
Capital Apprec/Deprec 1H 2022	(334,866,866)
Contributions 1H 2022	7,496,904
Fees/Expenses 1H 2022	(1,877,827)
Market Value 6/30/2022	<u>1,317,519,548</u>

Cash	1%
Fixed Income	66%
US Equity	17%
Intl Equity	16%
	100%

# Asset Allocation Compliance – June 30, 2022



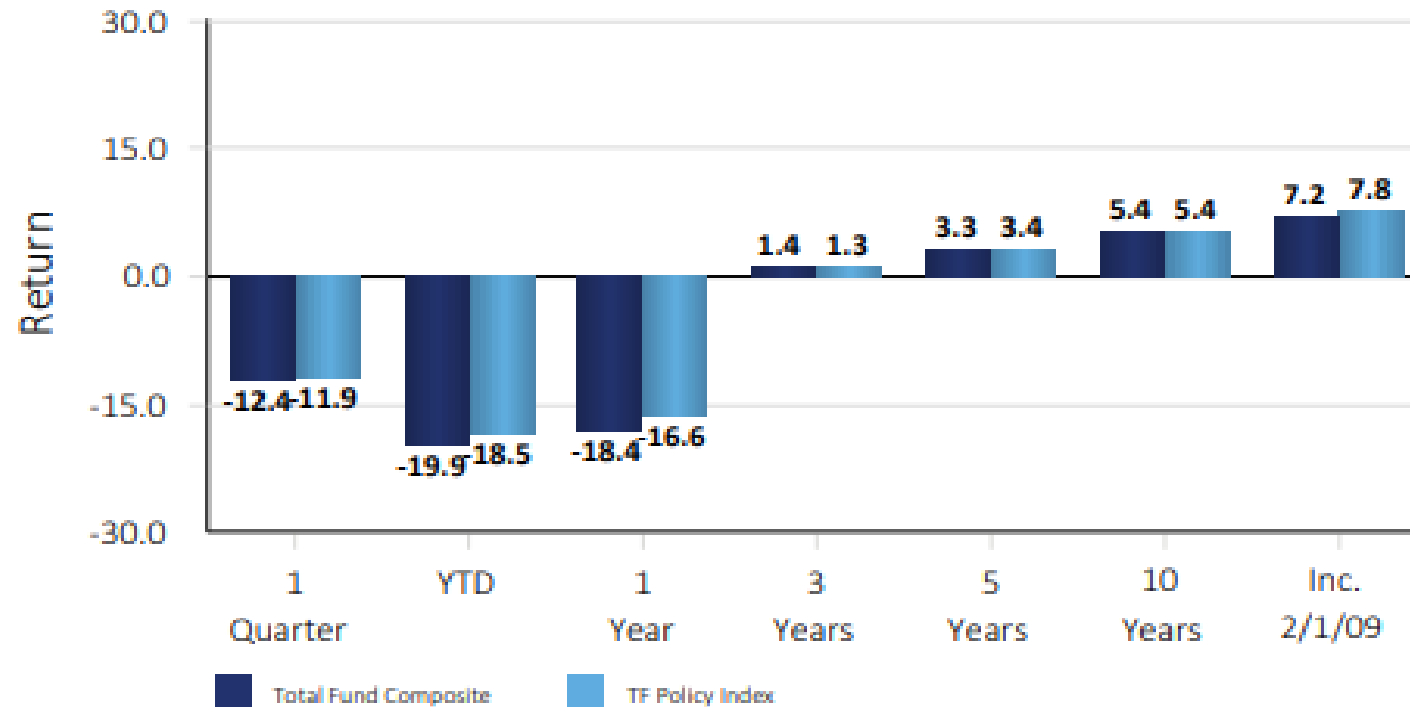
	Asset Allocation \$	Asset Allocation (%)	Minimum Allocation (%)	Maximum Allocation (%)	Target Allocation (%)
Total Fund Composite	1,317,519,548	100.0			100.0
US Equity Composite	229,937,310	17.5	16.0	20.0	18.0
Non-US Equity Composite	204,354,070	15.5	14.0	18.0	16.0
Core Bond Composite	151,486,759	11.5	9.0	11.0	10.0
Long Duration Composite	519,882,692	39.5	36.0	44.0	40.0
High Yield Composite	128,688,543	9.8	8.0	10.0	9.0
TIPS Composite	71,496,971	5.4	4.0	6.0	5.0
SPIA-NICA Fund 1 Composite	11,673,202	0.9	0.0	3.0	2.0

*As of mid-August market movements have corrected the overweight, with the estimated allocation now inside the policy range.*

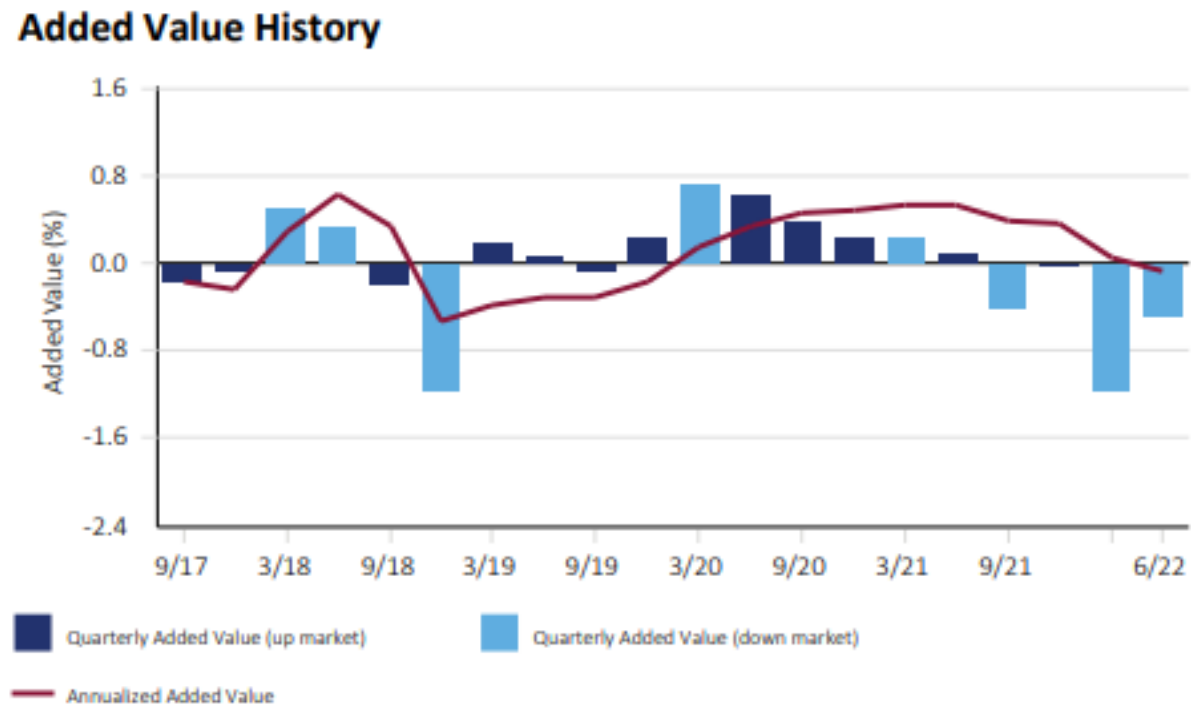
The Fund had a challenging year on all fronts but has performed well over a longer horizon.

**Total Fund Composite**  
*Periods Ended June 30, 2022*

**Comparative Performance**



The Fund had a challenging year on all fronts, but has performed well over a longer horizon.



Source: Wilshire Advisors LLC

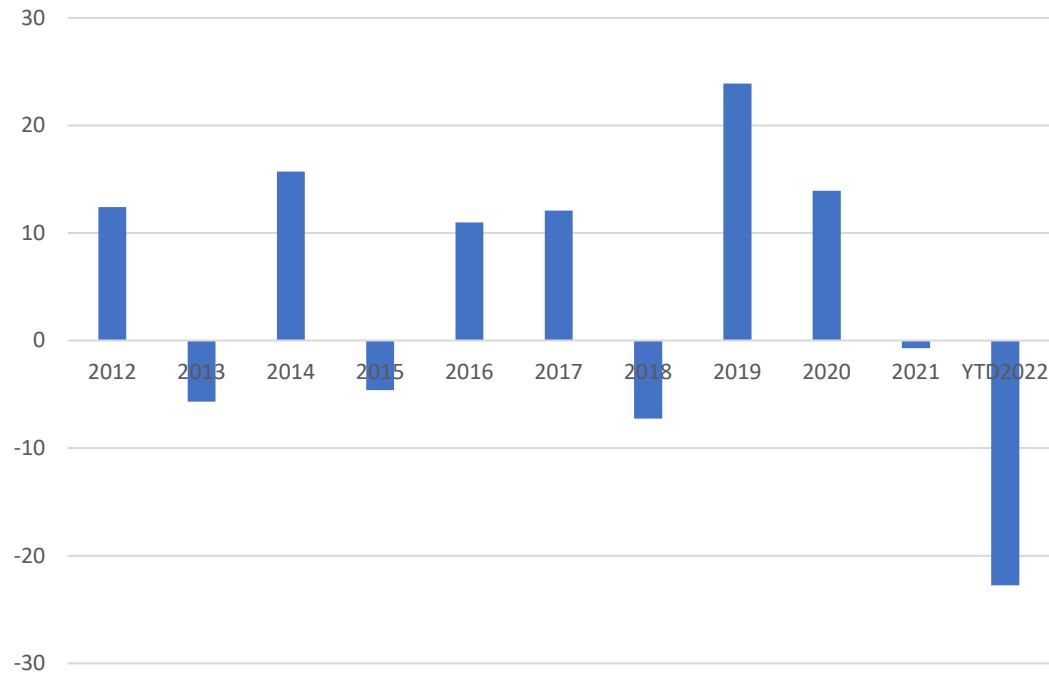


# Long Duration Credit represents 40% of the target portfolio

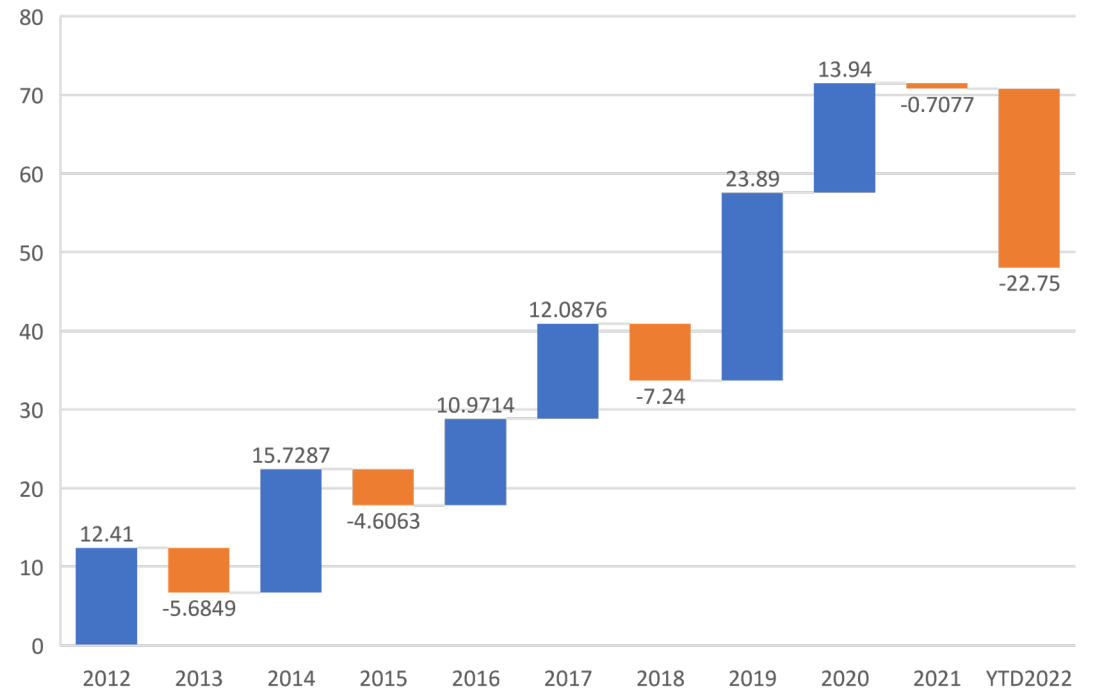
Negative return years in Long Term Credit have been followed by positive total return the next year for the past decade

This allocation is a long-term investment and has been additive through time

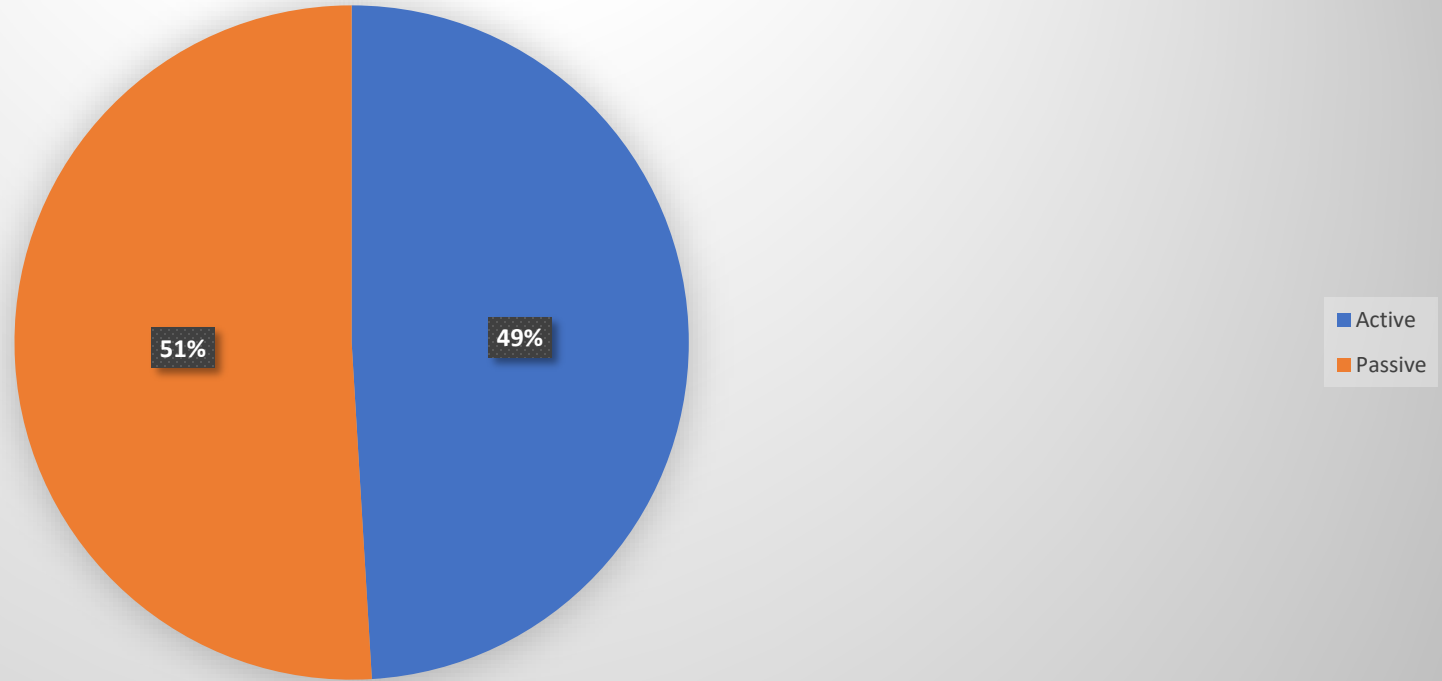
Bloomberg Long Corporate Bond Index Annual Returns



Long Corporate Bond Index Cumulative Effect



Portfolio Profile  
Total NICA ex Cash



Overall, the fund is slightly more passive. The US Equity and Fixed Income Composites are more passive with the Non-US Equity composite being 100% actively managed

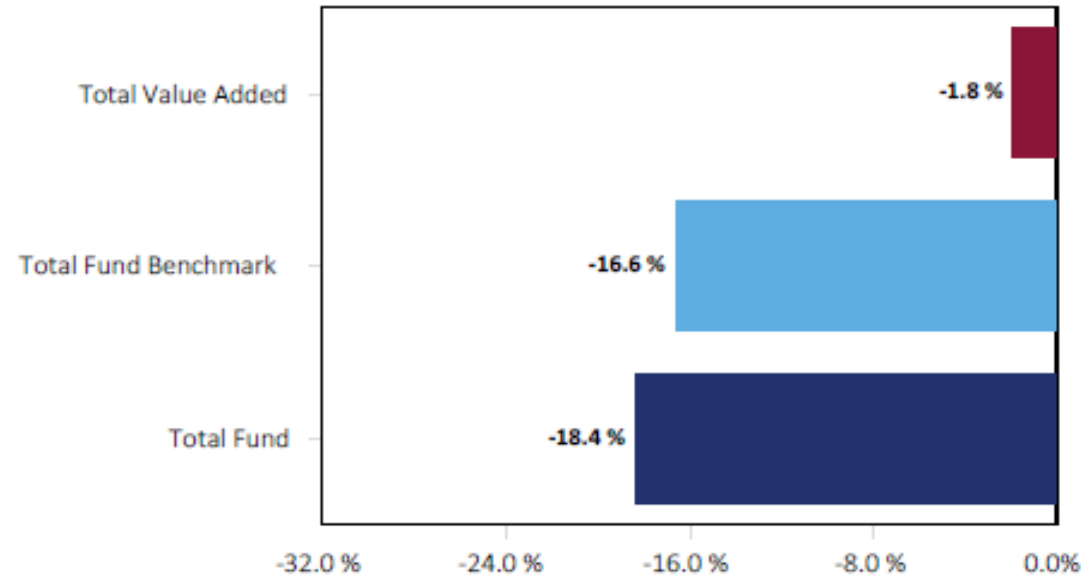
Asset Allocation overall slightly dragged performance, but the larger drag was in the Non-US Equity Manager Value Add

## Total Fund Attribution

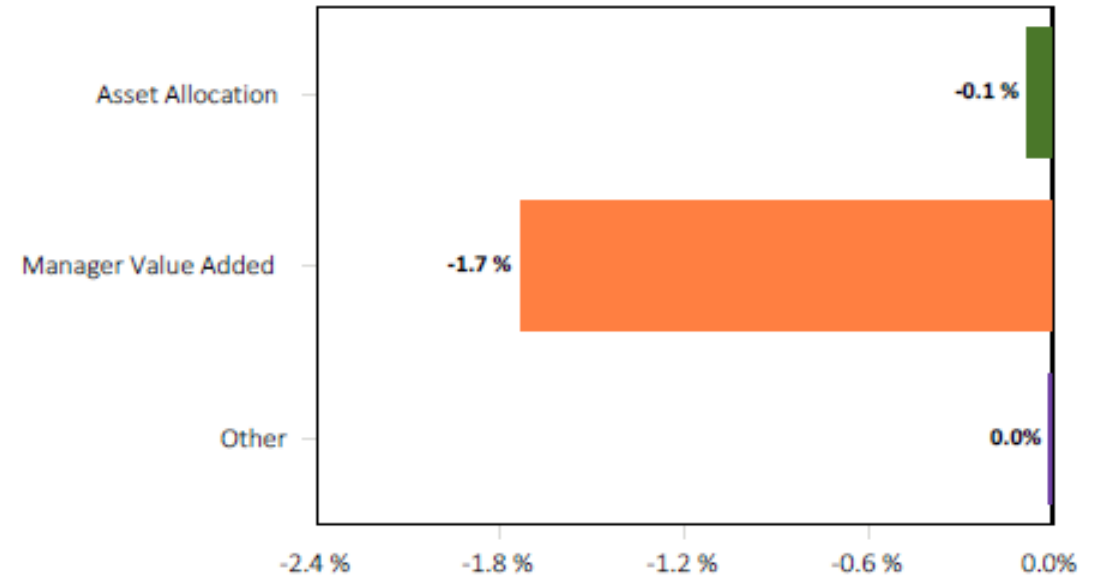
Total Fund Composite

Periods Ended 1 Year Ending June 30, 2022

### Total Fund Performance



### Total Value Added:-1.8 %

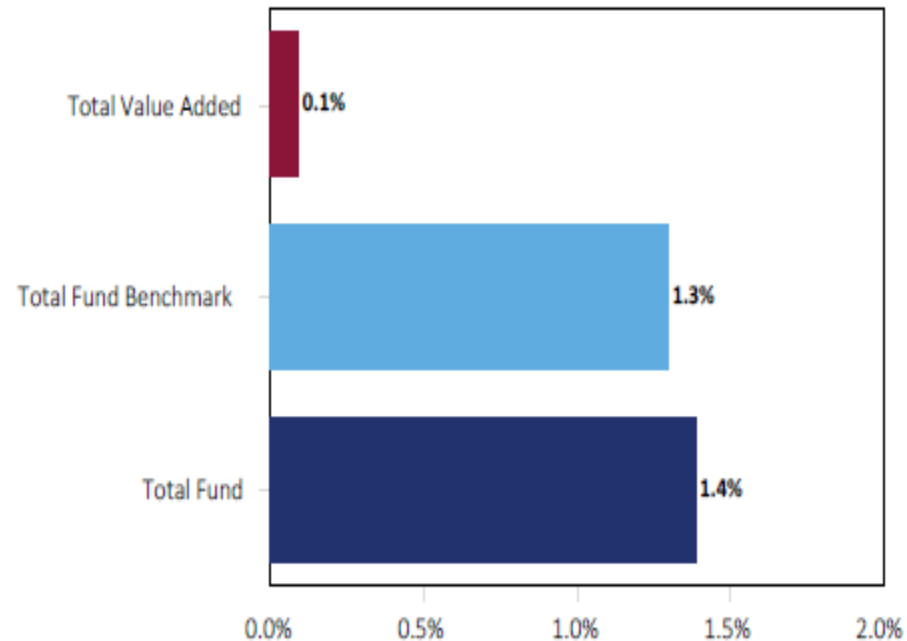


# Over a Longer Horizon, Asset Allocation and Managers have added value

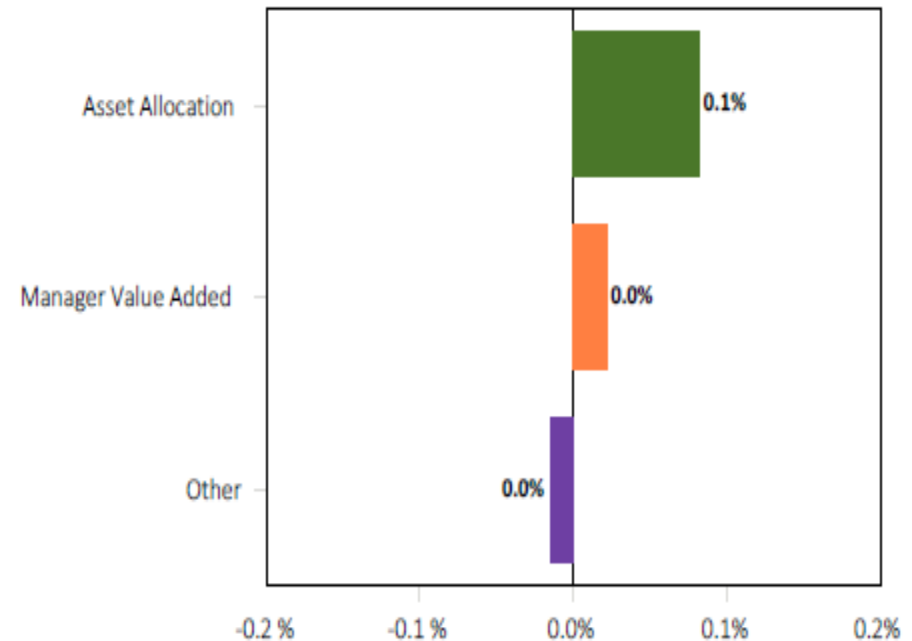
## Total Fund Composite

*Periods Ended 3 Years Ending June 30, 2022*

### Total Fund Performance



### Total Value Added: 0.1%



# Dramatic selloffs in the bond market finally offer some opportunities for yield/income going forward

High Yield bonds hit a high approaching 9% at the end of June



Long duration Investment Grade Credit offers 1.80% more in yield than a year ago



# July 2022 Performance Update

## Markets Rebounded in July after Aggressive Fed action

July Total Fund Return:	5.46%
Policy Index Benchmark:	5.10%
Value Added:	0.36%

## Change in Market Value:

Market Value 12/31/2021	1,696,642,337
Distributions 1H 2022	(49,875,000)
Capital Apprec/Deprec 1H 2022	(334,866,866)
Contributions 1H 2022	7,496,904
Fees/Expenses 1H 2022	(1,877,827)
Market Value 6/30/2022	<u>1,317,519,548</u>
Distributions July 2022	(3,550,000)
Capital Apprec/Deprec July 2022	72,125,981
Fees/Expenses July 2022	(270,878)
Market Value 7/31/2022	<u><u>1,385,824,651</u></u>

# Looking Forward

- The markets may remain volatile for the upcoming year as the Federal Reserve continues to tighten monetary policy in their fight to return inflation to a “2% average” target
- The US is in good position to weather this tightening with very low unemployment, corporate balance sheets in generally good shape, and banks in very solid standing
- In the NICA fund, we would recommend a review of our asset allocation plan to ensure a balance of growth and liquidity to meet our cash flow needs and solid progress over the long run

**Agenda Item # 8.A. (Tab E)**

**Actuarial Update -  
December 31, 2021  
Actuarial Report**





August 18, 2022

Ms. Melissa Jaacks  
Interim Executive Director  
Florida Birth Related Neurological  
Injury Compensation Association  
PO Box 14567  
Tallahassee, Florida 32317-4567

Re: NICA Outstanding Loss Reserves – As of December 31, 2021 and June 30, 2022

Dear Ms. Jaacks:

I have reviewed Turner's analyses of the NICA outstanding loss reserves as of December 31, 2021 and June 30, 2022 (draft version). This letter describes my review and conclusions.

## **1.0 QUALIFICATIONS**

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 make the actuarial opinions contained in this letter.

## **2.0 CONCLUSIONS**

I have concluded that Turner reasonably determined the reserves as of December 31, 2021 and June 30, 2022 based on the stated assumptions. The key assumption is a 1.5% differential between the interest discount rate and the rate of inflation affecting future payments. This assumption stays unchanged from prior analyses. There is no change to the recommended risk margin of \$75.5 million from the prior analysis.

### **3.0 NATURE OF NICA'S RESERVES**

NICA's reserves are a liability on its balance sheet and represent an estimate of the expected lifetime cost of the benefits to all children born through a given point in time. The reserves reflect future inflation and are discounted to present-value.

### **4.0 FINANCIAL SOLIDITY OF NICA**

Between September 30, 2021 and June 30, 2022, NICA's financial assets decreased more than \$330 million. This decrease occurred because of cash outlays to claimants of almost \$60 million during this period (which included substantial retroactive payments) and more significantly, losses to the value of NICA's invested assets.

From an actuarial perspective, NICA's financial condition can be evaluated by comparing its assets (mainly financial investments) to its liabilities (mainly its reserves). As of June 30, 2022 NICA's draft balance sheet shows that its assets were less than its liabilities by almost \$31 million. While this is an unfavorable situation, I understand that in July the investment environment was favorable and NICA's assets increased by about \$75 million, so that assets are once again likely greater than liabilities.

Florida statutes supply a second "threshold" requirement that NICA must meet to continue accepting claims. The threshold requirement is a minimum funding level that the legislature has set up and serves as a "guard rail" to automatically cease or pause NICA from taking on new claims when its financial condition appears precarious. The calculation involves comparing eighty percent of the funds on hand and funds that are expected to become available within the next 12 months, to the reserves for claims excluding family care. Turner last performed this calculation as of September 30, 2021. Based on that calculation and substituting NICA's reduced asset value in the calculation, I conservatively estimate that as of June 30, 2022, NICA would pass the threshold test with a margin of about \$50 million or more. While this is a positive result, I note that the margin is substantially reduced from the margin of over \$330 million existing as of September 30, 2021.

## **5.0 NOTABLE ITEMS**

### **5.1 SB 1786, Medicaid**

In May 2021, the Florida Legislature passed Senate Bill 1786 (SB 1786), which resulted in explicit changes to the benefit obligations of NICA. The estimated impact of the explicit benefit modifications has been included in NICA's reserves since the March 31, 2021 valuation.

In addition to the explicit benefit modifications, SB 1786 includes a requirement for review of the interaction between NICA and Medicaid. The estimates, as shown in Turner's reports, include the assumption that NICA will be covering, on a prospective basis, all eligible expenses including those that were formerly paid by Medicaid. These added expenses are included on a prospective basis beginning with NICA's September 30, 2021 reserve valuation. As explained on page 13 of Turner's report, there is no current specific requirement for NICA to retroactively reimburse Medicaid for past payments Medicaid has made on behalf of NICA claimants, and no such provision is included in NICA's reserves.

### **5.2 Large Payouts to Claimants in 2021-2Q through 2022-2Q**

SB1786 retroactively increased the parental award and death benefits. In addition, NICA has made retroactive payments to correct past inequities in claims payments. As a result, NICA's payments were significantly elevated in each of the last 5 quarters.

### **5.3 Enhanced Reserving Methodology**

The methodology underlying the reserve estimates is enhanced compared to recent prior analyses. Enhancements occurred at both the NICA level where the basic data is compiled as well as in Turner's analysis. The claimant level reserve worksheets were substantially enhanced by NICA staff to reflect expected costs under SB1786 and the Affordable Care Act.

The actuarial methodology used by Turner in his December 31, 2021 report has substantial revisions compared to the September 30, 2021 analysis. I concluded these revisions were proper and driven by circumstances related to benefit changes under SB1786. These revisions involved consideration of external data in addition to NICA's claims experience including the claimant specific reserve worksheets that were recently updated by NICA

staff to reflect SB1786 and the Affordable Care Act, external information on historical Medicaid payments on behalf of NICA claimants, and an external actuarial report on the implications of the Affordable Care Act for NICA's claimants.

Turner's method for his June 30, 2022 analysis involved a "roll-forward" of his December 31, 2021 analysis to reflect changes in payments, case reserve, and claim counts occurring in the interim.

## **6.0 OBSERVATIONS**

Attachment 1 summarizes NICA's claim payments and reserves (excluding risk margin) over time. I note the following:

1. The June 30, 2022 reserve for loss and loss adjustment expenses is \$1.2586 billion (Attachment 1, Page 3, Row 5). This is somewhat about \$68 million less than the reserve as of September 31, 2021 (the last valuation that I presented to the Board).
2. In the fourth quarter of 2021, the reserve decreased by over \$91 million. The major factor causing this decrease was a reduction in estimated future medical payments, considering the potential for NICA to mitigate its medical costs through more purchases of insurance policies under the Affordable Care Act. The previous September 30, 2021 reserve valuation based these future costs on past Medicaid payments to healthcare providers rather than the cost of insurance policies to support those payments.
3. Between December 31, 2021 and June 30, 2022, the reserve increased by a total of about \$24 million of which \$17 million is attributed to an accrual for retroactive payments to correct past inequities in payments for family care.
4. The average reserve per outstanding claim is shown on Attachment 1, Row 11. Up through year-end 2020, the average reserve per outstanding claim was running at about \$3.7 million per claim. However, the average reserve increased in 2021 based on the provisions of SB1786. The current post-SB1786 average reserve of around \$4.8 million per claim is approximately 30% greater than the pre-SB1786 average of \$3.7 million.
5. The number of outstanding claims (Attachment 1, Row 9) has been reasonably consistent over the last year or so.

6. Attachment 1, Row 13 shows the aggregate claim payments per quarter. Prior to passage of SB1786, these were running around \$5 million per quarter but increased sharply in 2021 as SB1786's retroactive payments were made to claimants. We expect this recent elevated level of payment activity will continue into the next quarter and then will fall back to a lower level when all the retroactive payments have been made.
7. Attachment 1, Row 14 shows the claims incurred (i.e., aggregate amounts paid to claimants plus changes in reserves) per quarter. To be sustainable, over the long-run NICA needs to generate sufficient revenue (via its investments and charges to healthcare providers) to cover these costs plus its overhead costs.
8. For several years up through year end 2020, NICA enjoyed a low inflation/high investment return environment where its liabilities (i.e., reserves) grew at a relatively slow pace due to low inflation, while its assets grew much faster due to high investment returns. There are indications that the economic environment is changing, and we may be entering a period where the situation is reversed, i.e., inflation may cause rapid growth in reserves while lower investment returns may curtail revenue growth.

Please let me know if you have any questions or comments.

**Mark  
Crawshaw**

Digitally signed by Mark  
Crawshaw  
Date: 2022.08.18 10:46:43  
-04'00'

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Mark Crawshaw, Ph.D., FCAS, MAAA

Madison Consulting Group, Inc.

200 N. Second Street

Madison, GA 30650

706-342-7750

[mark.crawshaw@madisoninc.com](mailto: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
(1) Case Reserves (a)	\$ 539.2	\$ 537.3	\$ 540.9	\$ 547.6	\$ 550.3	\$ 556.0	\$ 556.9	\$ 576.6	\$ 577.8
(2) IBNR Reserve (a)	287.4	268.4	265.5	266.8	266.2	263.7	266.1	266.7	263.6
(3) Subtotal (a)	806.6	805.7	806.4	814.4	816.5	819.7	823.1	843.3	841.4
(4) ULAE Reserves (a)	11.1	11.1	12.7	12.8	12.8	12.7	12.6	13.2	13.2
(5) <b>Total Reserves</b>	<b>817.7</b>	<b>816.8</b>	<b>819.1</b>	<b>827.1</b>	<b>829.3</b>	<b>832.4</b>	<b>835.7</b>	<b>856.5</b>	<b>854.6</b>
(6) - Change in Quarter	(19.6)	(0.9)	2.4	8.0	2.1	3.1	3.3	20.8	(1.9)
(7) Number of Open Accepted Claims (b)	193	193	197	199	199	201	200	201	205
(8) Number IBNR Claims Excluding DA (a)	33	33	32	29	30	30	31	31	32
(9) <b>Total Outstanding Claims</b>	<b>226</b>	<b>226</b>	<b>229</b>	<b>228</b>	<b>229</b>	<b>231</b>	<b>231</b>	<b>232</b>	<b>237</b>
(10) - Change in Quarter	-	-	3.0	(1.0)	1.0	2.0	-	1.0	5.0
(11) Average Reserve per Claim [(5) / (9)]	\$ 3.62	\$ 3.61	\$ 3.58	\$ 3.63	\$ 3.62	\$ 3.60	\$ 3.62	\$ 3.69	\$ 3.61
(12) <b>Claim Payments (a)</b>	<b>210.3</b>	<b>214.5</b>	<b>218.4</b>	<b>222.8</b>	<b>227.1</b>	<b>231.8</b>	<b>236.1</b>	<b>240.4</b>	<b>244.6</b>
(13) - Change in Quarter	5.1	4.2	3.9	4.4	4.3	4.7	4.3	4.3	4.2
(14) <b>Claims Incurred in Quarter [(6) + (13)]</b>	<b>\$ (14.5)</b>	<b>\$ 3.3</b>	<b>\$ 6.3</b>	<b>\$ 12.4</b>	<b>\$ 6.4</b>	<b>\$ 7.8</b>	<b>\$ 7.6</b>	<b>\$ 25.1</b>	<b>\$ 2.3</b>
(15) Average Number of Open Claims	195	193	195	198	199	200	201	201	203
(16) Average Paid Per Open Claim	\$ 0.026	\$ 0.022	\$ 0.020	\$ 0.022	\$ 0.022	\$ 0.023	\$ 0.022	\$ 0.021	\$ 0.021

Notes:  
(a) Turner Section I, Exhibit I (Exhibit I, Sheet 1 or Sheet 1a for prior evaluations.)  
(b) Turner Section VI, Exhibit IV (Exhibit X, Sheet 1d or Sheet 1e for prior evaluations.)  
(c) Estimated by MCG.

**SUMMARY OF NICA CLAIMS PAYMENTS AND RESERVES**  
(\$ MILLIONS)

Item	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) Case Reserves (a)	\$ 576.5	\$ 573.9	\$ 611.8	\$ 620.3	\$ 628.3	\$ 637.2	\$ 663.9	\$ 665.1	\$ 691.4
(2) IBNR Reserve (a)	259.5	266.2	292.0	296.8	296.3	301.4	273.7	399.5	374.8
(3) Subtotal (a)	836.0	840.1	903.8	917.1	924.7	938.6	937.6	1,064.6	1,066.2
(4) ULAE Reserves (a)	12.2	12.1	14.4	14.4	14.3	14.2	14.9	15.0	14.9
(5) <b>Total Reserves</b>	<b>848.2</b>	<b>852.2</b>	<b>918.1</b>	<b>931.5</b>	<b>939.0</b>	<b>952.8</b>	<b>952.5</b>	<b>1,079.6</b>	<b>1,081.1</b>
(6) - Change in Quarter	(6.4)	4.0	65.9	13.4	7.5	13.8	(0.3)	127.1	1.5
(7) Number of Open Accepted Claims (b)	211	213	220	224	229	233	227	230	237
(8) Number IBNR Claims Excluding DA (a)	32	31	28	27	28	29	29	29	27
(9) <b>Total Outstanding Claims</b>	<b>243</b>	<b>244</b>	<b>248</b>	<b>251</b>	<b>257</b>	<b>262</b>	<b>256</b>	<b>259</b>	<b>264</b>
(10) - Change in Quarter	6.0	1.0	4.0	3.0	6.0	5.0	(6.0)	3.0	5.0
(11) Average Reserve per Claim [(5) / (9)]	\$ 3.49	\$ 3.49	\$ 3.70	\$ 3.71	\$ 3.65	\$ 3.64	\$ 3.72	\$ 4.17	\$ 4.10
(12) <b>Claim Payments (a)</b>	<b>248.6</b>	<b>253.4</b>	<b>258.1</b>	<b>262.8</b>	<b>268.4</b>	<b>274.1</b>	<b>279.0</b>	<b>284.7</b>	<b>318.2</b>
(13) - Change in Quarter	4.0	4.8	4.7	4.7	5.6	5.7	5.0	5.7	33.5
(14) <b>Claims Incurred in Quarter [(6) + (13)]</b>	<b>\$ (2.4)</b>	<b>\$ 8.8</b>	<b>\$ 70.6</b>	<b>\$ 18.1</b>	<b>\$ 13.1</b>	<b>\$ 19.5</b>	<b>\$ 4.7</b>	<b>\$ 132.7</b>	<b>\$ 35.0</b>
(15) Average Number of Open Claims	208	212	217	222	227	231	230	229	234
(16) Average Paid Per Open Claim	\$ 0.019	\$ 0.023	\$ 0.022	\$ 0.021	\$ 0.025	\$ 0.024	\$ 0.022	\$ 0.025	\$ 0.143

Notes:  
(a) Turner Section I, Exhibit I (Exhibit I, Sheet 1 or Sheet 1a for prior evaluations.)  
(b) Turner Section VI, Exhibit IV (Exhibit X, Sheet 1d or Sheet 1e for prior evaluations.)  
(c) Estimated by MCG.



**SUMMARY OF NICA CLAIMS PAYMENTS AND RESERVES**  
(\$ MILLIONS)

Item	9/30/2021	12/31/2021	3/31/2022(c)	6/30/2022
(1) Case Reserves (a)	\$ 692.2	\$ 799.9	\$ 807.9	\$ 806.7
(2) IBNR Reserve (a)	619.7	414.9	415.3	431.7
(3) Subtotal (a)	1,311.9	1,214.8	1,223.2	1,238.4
(4) ULAE Reserves (a)	14.8	20.2	20.2	20.2
(5) <b>Total Reserves</b>	<b>1,326.7</b>	<b>1,235.0</b>	<b>1,243.4</b>	<b>1,258.6</b>
(6) - Change in Quarter	245.6	(91.7)	8.4	15.2
(7) Number of Open Accepted Claims (b)	238	235	237	235
(8) Number IBNR Claims Excluding DA (a)	29	27	29	29
(9) <b>Total Outstanding Claims</b>	<b>267</b>	<b>262</b>	<b>266</b>	<b>264</b>
(10) - Change in Quarter	3.0	(5.0)	4.0	(2.0)
(11) Average Reserve per Claim [(5) / (9)]	\$ 4.97	\$ 4.71	\$ 4.67	\$ 4.77
(12) <b>Claim Payments (a)</b>	<b>\$ 335.9</b>	<b>\$ 347.0</b>	<b>\$ 359.3</b>	<b>\$ 395.5</b>
(13) - Change in Quarter	17.7	11.1	12.3	36.2
(14) <b>Claims Incurred in Quarter [(6) + (13)]</b>	<b>\$ 263.3</b>	<b>\$ (80.6)</b>	<b>\$ 20.7</b>	<b>\$ 51.4</b>
(15) Average Number of Open Claims	238	237	236	236
(16) Average Paid Per Open Claim	\$ 0.074	\$ 0.047	\$ 0.052	\$ 0.154

Notes:

- (a) Turner Section I, Exhibit I, (Exhibit I, Sheet 1 or Sheet 1a for prior evaluations.)
- (b) Turner Section VI, Exhibit IV (Exhibit X, Sheet 1d or Sheet 1e for prior evaluations.)
- (c) Estimated by MCG.



**FLORIDA BIRTH RELATED NEUROLOGICAL INJURY  
COMPENSATION ASSOCIATION  
REVIEW OF OUTSTANDING LOSS RESERVES  
EVALUATED AS OF DECEMBER 31, 2021**

**Turner Consulting, Inc.  
August, 2022**

**TURNER CONSULTING, INC.**  
**CONSULTANTS AND ACTUARIES**

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

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August 18, 2022

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

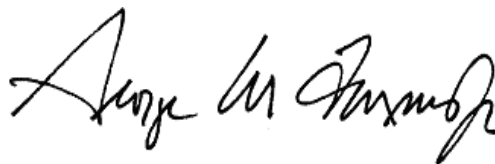
Re: NICA Outstanding Loss Reserves – Evaluated as of December 31, 2021

Dear Ms. Jaacks:

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 December 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  
EVALUATED AS OF DECEMBER 31, 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 December 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 (i.e., discounted to present-value).

### **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 expected delay 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) is 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 was 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 December 31, 2021.

In May 2021, the Florida Legislature passed Senate Bill 1786 (SB 1786), which resulted in increases to the financial obligations of NICA. This report includes consideration of the explicit changes set forth in SB 1786 such as an increase in the parental award, death benefit, housing assistance, transportation and the inclusion of a mental health benefit.

In addition to these explicit benefit changes, pending litigation may result in a change in the allocation of expenses historically paid by Medicaid. The estimates as shown in this report include the assumption that on a prospective basis Medicaid will no longer reimburse NICA claimants for expenses as defined in Florida Statutes 766.301 to 766.316 and that these expenses will fall on NICA. The reserve estimates as included in this report do not include any consideration of payments NICA may be ordered to reimburse Medicaid for related to retrospective payments made by Medicaid in prior years to NICA claimants. In the event NICA is ordered to reimburse Medicaid for prior amounts paid by Medicaid the reserve estimates will need to be adjusted to include these additional amounts.

### **Changes Included in This Report – Additional Method**

As a result of the passage of SB 1786, NICA made a number of one-time loss payments during calendar year 2021. In addition, NICA extensively revised the year-end case reserve worksheets as of December 31, 2021 to reflect the SB 1786 changes. The combined impact of these factors resulted in a significant one-time change and discontinuity in both the cumulative paid and incurred loss and ALAE used in many of the loss projection methods utilized in prior actuarial reports.

As a result of the impact of these one-time changes related to the implementation of changes SB 1786 an additional method is included in this report. While certain aspects of this additional methodology are similar to the incremental payment method included in our prior reports the new procedure includes a number of additional refinements. On an overall basis this new procedure relies on the



segregation of all NICA claimants into two separate impairment groups. Actual historical NICA mortality experience is used to estimate two separate mortality tables for the two groups. In addition, average annual claim payments are developed for three separate expense categories at 2021 loss levels. The average 2021 level annual payment amounts are developed based on the review of actual NICA claim payment information, Medicaid payment information and Affordable Care Act (ACA) health insurance premium information as provided in a report prepared for NICA by Wakely Consulting Group, LLC (Wakely).

An illustration of the magnitude of changes incorporated during 2021 can be made based on the change in the cumulative paid loss and ALAE and the increase in the case outstanding loss and ALAE reserves during the 2021 year in comparison to the changes observed in the two prior years, 2020 and 2019. For example, the incremental loss and ALAE payments during 2021 was \$ 67.98 million in comparison to \$ 20.92 million and \$ 17.74 million in 2020 and 2019, respectively. The current level case outstanding loss and ALAE increased by \$ 200.04 million in 2021 in comparison to increases the current level case outstanding of \$ 75.00 million and \$ 48.36 million in 2020 and 2019, respectively.

Many of the actuarial methods we have used in the past are based on an implicit assumption of continuity in paid and incurred claim amounts from valuation to valuation. The large changes in 2021 compromise this assumption. To address this situation, we have adjusted the paid and incurred loss and ALAE information in an attempt to minimize the impact on the methods used in prior reports. As additional data emerges over the coming years the loss emergence patterns will adjust to the new benefit definitions and the impact of these one-time adjustments will be reduced. The results of the application of the prior ("Old") methods on the loss experience after adjustment are shown in Section V.

Due to the magnitude of these changes and the uncertainty related to any adjustment procedure to minimize their impact, we included an additional methodology to address the changes related to SB 1786 on a prospective basis. This new methodology will be the primary basis of our estimate until adequate historical experience is captured for the prior methods.

### **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 included. 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 December 31, 2021. This uncertainty arises from the estimation of 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 December 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 December 31, 2021 do not include any additional anticipated reinsurance recoveries.

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 December 31, 2021 is \$ 1,235.0 million. In contrast to prior reports there is no segregation in the portion of the total outstanding loss and ALAE related to SB 1786 as the current case reserve estimates now include consideration of SB 1786 changes. The estimated unallocated loss adjustment expense reserve of \$ 20.2 million is shown in Item (11) of Section I, Exhibit I.

The outstanding loss and ALAE 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 **after** to the inclusion of the SB 1786 benefit revisions and prior to adjustment for prospective inflation and discount increased by \$ 156.1 million during the quarter ending December 31, 2021 (Section I, Exhibit I, Column (4)). Total loss and ALAE payments during the quarter were approximately \$ 11.1 million (Section I, Exhibit I, Column (2) minus Exhibit I, Sheet 1, Column (4) of the September 30, 2021 report).

Total ultimate loss and ALAE estimates after consideration of anticipated inflation and investment income decreased by approximately \$ 86.0 million relative to the estimates as shown in September 30, 2021 report (Section I, Exhibit I, Column (10) minus Exhibit I, Sheet 1, Column (8) of the September 31, 2021 report). Approximately one-half of this decrease is due to the inclusion of Affordable Care Act (ACA) estimates of health care coverage cost for Medicaid claimants. Prior estimates of the hospital, physician and drug cost were based on the amounts actually paid by Medicaid for these expenses. Current reserve estimates reflect the purchase of insurance coverage to cover a large portion of the cost on a prospective basis.

A summary of the changes in the overall estimate of ultimate loss and ALAE from September 30, 2021 to December 31, 2021 is shown in the table on the following page.

Ultimate - After Inflation & Discount

Birth Year	9/30/21	12/31/21	Change (3) - (2)
(1)	(2)	(3)	(4)
1989	31,800,251	29,164,798	(2,635,453)
1990	17,042,902	20,108,535	3,065,633
1991	32,259,105	29,000,326	(3,258,779)
1992	62,419,178	60,959,954	(1,459,225)
1993	58,845,504	55,851,901	(2,993,603)
1994	26,595,417	23,840,925	(2,754,492)
1995	36,720,460	38,191,482	1,471,022
1996	38,422,562	37,761,935	(660,627)
1997	55,034,395	55,204,643	170,248
1998	85,856,909	78,542,806	(7,314,103)
1999	32,826,103	26,751,661	(6,074,442)
2000	23,406,990	22,045,609	(1,361,381)
2001	35,851,373	27,943,745	(7,907,628)
2002	89,392,051	75,244,402	(14,147,649)
2003	20,420,951	20,700,364	279,413
2004	34,547,101	32,086,377	(2,460,724)
2005	44,113,905	41,169,699	(2,944,207)
2006	60,296,272	55,702,969	(4,593,303)
2007	48,085,385	42,093,230	(5,992,154)
2008	64,916,786	54,154,198	(10,762,588)
2009	75,632,328	58,232,412	(17,399,916)
2010	36,088,200	31,666,339	(4,421,860)
2011	64,086,938	56,679,611	(7,407,326)
2012	44,454,176	41,886,269	(2,567,907)
2013	38,402,603	36,167,322	(2,235,281)
2014	44,760,885	46,087,771	1,326,886
2015	78,694,515	73,182,063	(5,512,452)
2016	28,759,543	25,752,098	(3,007,446)
2017	60,326,666	67,290,308	6,963,643
2018	78,124,591	86,657,081	8,532,490
2019	78,005,288	72,365,997	(5,639,291)
2020	74,188,423	77,734,132	3,545,709
2021	47,431,036	61,630,342	14,199,306
Totals:	1,647,808,793	1,561,851,306	(85,957,488)

Loss and LAE reserve estimates referenced above include the separate estimation of loss and ALAE and ULAE reserves. The ULAE reserve as of December 31, 2021 is developed on Section V, Exhibit I, Sheets 4a and 4b. The present value of the ULAE reserve estimate as of December 31, 2021 is \$20.2 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 December 31, 2021.

The loss and LAE reserves are shown in the attached Section I, Exhibit I 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 Section I, Exhibit I 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 present value loss and LAE reserve estimate of \$1,235.0 million is shown in Item (11) of Section I, Exhibit I.

Alternative estimates of the loss and ALAE reserve based on a short-term variation in the inflation and interest rate assumptions are shown in Section I, Exhibit II. As mentioned previously, this alternative is intended to illustrate the potential impact of a short term adverse variation in the inflation / interest rate differential from the long term selected assumptions of 3.5 % / 5.0 %. The selected inflation and interest rate assumptions based on the best estimate and the alternative illustration are shown by year in Section IV, Exhibit III, Sheets 3a and 3b.

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, an estimated risk margin was provided in prior reports.

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**

The passage of Senate Bill 1786 (SB 1786), by the Florida Legislature in May 2021 resulted in increases to the benefit obligations of NICA. As mentioned previously, SB 1786 resulted in a number of explicit benefit changes (e.g. an increase in the parental award from \$ 100,000 to \$ 250,000). In addition to these explicit modifications SB 1786 will likely result in a change to the allocation of expenses previously reimbursed by Medicaid. It is our understanding these expenses may on a prospective basis be covered by NICA. Further, it is our understanding there is no current specific requirement for NICA to reimburse Medicaid for any payments previously made by Medicaid to NICA claimants.

Our understanding of the most significant explicit changes set forth in SB 1786 are described below:

- (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.

In addition to the changes described above, Section 7 of SB 1786 required 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 related to the Agency's report, submitted November 1, 2021.

The reserve estimates as included in this report are based on the assumption that NICA will cover the majority of covered expenses on a prospective basis. This may include some or all of the expenses that in prior years would have been reimbursed by Medicaid. These expenses include Nursing, Hospital, Physician, Drug and miscellaneous expenses. However, we are not aware of any specific legislation

related to potential liability for prior payments made by Medicaid on behalf of NICA claimants until specific action is taken, it would be speculative to estimate the potential for reimbursement by NICA to Medicaid for payments actually made by Medicaid to NICA claimants.

### **Methodology - General**

As mentioned previously, the methodology used in this report has changed from the procedures used in prior reports. While many of the methods as used in prior reports remain in the current report in Section V, a large portion of the analysis in the current report is new. A summary of the new procedure was provided earlier in the text. As mentioned this new procedure was included to overcome the one-time changes (i.e. in both amounts paid during 2021 and in the case reserving methods implemented at the end of 2021) to paid and incurred loss and ALAE amounts as of December 31, 2021 as a result of the impact of SB 1786.

While many aspects of the new and old procedures are similar the actual application varies. The new procedure includes a more directly explicit recognition of the impact of expected mortality with regard to the two primary claimant groups (i.e. Class A and Classes B, C and D). The mortality tables as selected directly impact the duration over which benefits are to be paid. The estimated 2021 level annual payment amount selected for each of the three benefit categories are selected based on a review of actual payment amounts for the NICA claimants over the period from 2013 to 2020. The combination of these two components (i.e. duration of payments and average 2021 level annual payment) result in an estimate of the current outstanding loss and ALAE prior to consideration of anticipated inflation and investment income.

In a similar manner the prior procedure results in an estimate of the 2021 level outstanding loss and ALAE for each birth year. However, the procedure relied primarily on a review of changes in the amounts paid by year and the changes in case outstanding loss and ALAE. A primary component of the prior approach

included an implicit adjustment for increases in life expectancy over time as well as for changes in the estimated expense levels. The prior procedure relies upon the long-term consistency in the application of benefit levels and case reserving procedures. This approach results in the implicit adjustment over time based on historical development patterns. The changes resulting from the passage of SB 1786 distorted the long-term development patterns and will likely require the passage of time to fully understand.

While there are advantages and disadvantages to both approaches, the explicit consideration included in the new procedure is preferable given the recent legislative changes (SB 1786). Both methods result in an estimate of the remaining 2021 level outstanding loss and ALAE reserve prior to consideration of anticipated inflation and investment income. Since an estimate of the 2021 level payments on a prospective basis is required for both methods in order to estimate the impact of prospective inflation and investment income another advantage of the revised procedure is the explicit payment pattern that results from the new procedure.

### **Methodology – New Procedure**

In summary the new procedure explicitly calculates the benefit payments for parental awards and death benefits based on estimates of number of claimants. The remaining benefits, are estimated based on the separate estimation of the number of years current open NICA claimants will likely require benefits and the average annual payment amounts expected. The average payment amounts are segregated into three benefit groups and initially stated on a current cost level (2021). The estimated 2021 level average annual payment for each of the benefit type are based on the review of actual payment information for the period from 2013 to 2020.

The three benefit groups are defined as follows:

- (1) Nursing Care – includes all categories

- (2) Hospital, Physician Expense and Drugs
- (3) All Other Expense Categories

This new procedure is also based on the assignment of accepted NICA claimants according to the severity of impairment. We initially segregated the claimants into four Classes labeled A, B, C or D as shown in Section I, Exhibit III. In our final analysis we regrouped these classes and effectively analyzed the NICA claims segregated into two impairment groups (i.e. labeled as Class A and Classes B, C, & D).

The historical NICA mortality experience for each of the two impairment groups was used to estimate the mortality separately for each of the two impairment groups. These mortality tables are used to estimate the expected number of years the current NICA open claimants will require payments for the benefits as now defined by the NICA legislation. A summary of the number of open claimants by birth year and by impairment group, as well as corresponding estimated number of unreported claims is shown in Section IV, Exhibit IV, Sheet 1. The number of these claims estimated to remain open claimants as of the end of each prospective calendar year after consideration of anticipated mortality are shown in Section IV, Exhibit V, Sheets 1 to 2.

The estimated current level (2021) payment amounts are also developed separately for the two impairment groups. In addition, the actual historical payment information is further segregated into Medicaid and Non-Medicaid depending on whether or not the claimant has historically been receiving Medicaid benefits. This segregation was necessary claimants since the prospective payment amounts are based on both actual NICA payments as well as Medicaid payments made on behalf of NICA claimants. A summary of the actual historical average payment amounts (by claimant age) as well as the final selected 2021 level averages for the two impairment groups and three benefit types are shown in Section IV, Exhibit IV, Sheets 2-5.

The final 2021 level estimates after application of the revised procedure but prior to the consideration of prospective inflation and anticipated investment results is shown in Section IV, Exhibit I, Sheet 1.

A summary of the 2021 level estimates of ultimate loss and ALAE based on the revised procedure, the prior procedure and the estimates as developed in the prior quarter (i.e. as of September 31, 2021) are shown in Section III, Exhibit I, Columns (2), (3) and (4), respectively. The final 2021 selected estimate as of shown in Column (5) is based on the revised methodology (i.e. review by impairment severity and payment type).

The final selected 2021 level reserve estimates evaluated as of December 31, 2021 are then adjusted to include the estimated impact of prospective inflation and anticipated investment income. This adjustment is shown in Section II, Exhibit I based on the long-term inflation and investment return selections of 3.5 % and 5.0 %, respectively. Due to recent changes in the inflation and investment return rates an alternative version is provided as an indication of the sensitivity of the current reserve estimate to potential short-term variations in the longer-term selections used as our best estimate. The resulting impact on the outstanding loss and ALAE reserve based on this alternative variation is shown in Section II, Exhibit II.

The final step in the loss reserve estimation process is to adjust the 2021 cost level loss reserve estimates referenced above to include the estimated impact of prospective inflation (2022 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 2021. 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. Due to recent increases in overall inflation levels it is important to monitor any changes in the difference in overall inflation and inflation returns.

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 open claims by severity category, the estimated annual payment amounts for each benefit group and the selected mortality factors. A summary of the outstanding loss and ALAE reserves before and after consideration of the inflation and interest adjustment applied to the indicated birth year components is shown in Section IV, Exhibit II, Sheets 1, 2 and 3.

### **Methodology – “Old” Loss Estimation Methods**

The loss development methods as used in prior reports are also included in this report as well. However as mentioned the weight given to the results of these methods is minimal at this point due to the changes that have occurred in 2021. The procedure as described in prior years is similar to that applied in Section V of this report. The primary difference is that an estimate of the one-time payment and reserve changes are estimated and removed from the paid and incurred development triangles. After this adjustment the procedure is similar to that applied in prior reports. That is, 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 Section V, Exhibit VI, Sheets 7 and 8 on both a paid and case outstanding basis.

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 five loss estimation methods. The five 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 and a Cape Cod 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 Section V, Exhibit II, Sheet 2.

The projection methods 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 Section V, Exhibit III, Sheet 2 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 Section V, Exhibit III, Sheet 1 is a combination of the actual birth year level incurred loss and ALAE as of December 31, 2021 and estimated unreported loss and ALAE. The unreported loss and ALAE is developed using the loss reporting pattern developed based on the NICA incurred loss and ALAE development triangles shown in Section V, Exhibit IV and the estimated initial expected loss and ALAE by birth year based on the results of the frequency / severity method shown in Section V, Exhibit III, Sheet 2, column (14).

The Cape Cod method shown in Section V, Exhibit III, Sheet 3 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 (11)). The indicated birth year level ultimate loss and ALAE is based on a combination of the unreported loss and ALAE shown in column (11) and the actual reported loss and ALAE shown in column (3).



The four assumptions that most significantly impact the overall loss and LAE reserve estimate are as follows:

1. Incurred Loss Development Factor – 396 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 allocated loss adjustment expense (ALAE) reserve estimates 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 December 31, 2021 is shown in Section V, Exhibit I, Sheets 4a and 4b. 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 Section V, Exhibit I, Sheet 4b related to claim settlement is \$ 20.2 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 Section V, Exhibit VII, Sheets 1a, 1b, 1c and 1d. 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 NICA liabilities it is reasonable to base the 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. Section IX shows the change in the CPI all items index as compared to returns for various classes of investments from 1926-2021. 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 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.

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 averages.

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 payment pattern used in include the impact of anticipated prospective inflation and investment income is developed explicitly for each birth year. The actual payment pattern includes consideration of the number of NICA claimants by impairment group for each birth year, estimated mortality applicable to each impairment group and the anticipated annual 2021 level annual payment amounts for each of the three expense categories.

**FLORIDA BIRTH RELATED NEUROLOGICAL INJURY ASSOCIATION  
REVIEW OF OUTSTANDING LOSS RESERVE  
EVALUATED AS OF DECEMBER 31, 2021**

**Section Descriptions**

<b>Section</b>	<b>Description</b>
<b>I</b>	Summary of Estimates - After Inflation / Discount
<b>II</b>	Summary of Outstanding Loss & ALAE - Before and After Inflation / Discount
<b>III</b>	Comparison of Estimates - 2021 Level - New versus Old Method Indications
<b>IV</b>	New Estimation Procedure
<b>V</b>	Prior - "Old" Estimation Procedure
<b>VI</b>	Accepted Claim Count Information by Impairment Severity Grouping
<b>VII</b>	Actual Paid and Incurred Loss Information Provided as of December 31, 2021
<b>VIII</b>	Review of NICA Mortality Experience - By Impairment Severity Grouping
<b>IX</b>	Summary of Historical Inflation and Investment Indices

Summary of Estimated Outstanding Loss & ALAE  
 After Consideration of Anticipated Inflation and Investment Income  
**Based on Current Long Term Inflation and Investment Income (3.5 % and 5.0 %)**

Evaluated as of December 31, 2021

Birth Year	2021 Level - Information Provided as of 12/31/21			2021 Level	2021 Level	Loss & Expense Reserve - After Inflation and Present Value Adjustment			Indicated Ultimate After Inflation & Present Value Adjustment (2) + (7)
	Paid Loss & ALAE	Incurred Loss & ALAE	Case Outstanding Loss & ALAE (3) - (2)	Selected Outstanding Loss & ALAE (a)	Indicated IBNR / Bulk Loss & ALAE (5) - (4)	Outstanding Loss & ALAE (b)	Case Outstanding Loss & ALAE (4) X [(7)/(5)]	Indicated IBNR / Bulk Loss & ALAE (7) - (8)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	16,885,994	30,728,389	13,842,395	15,645,841	1,803,445	12,278,805	10,863,467	1,415,338	29,164,798
1990	7,614,059	16,848,503	9,234,445	15,980,474	6,746,029	12,494,476	7,220,033	5,274,443	20,108,535
1991	11,583,942	28,155,986	16,572,044	22,565,989	5,993,945	17,416,384	12,790,270	4,626,114	29,000,326
1992	19,655,224	59,250,940	39,595,716	54,602,551	15,006,835	41,304,730	29,952,636	11,352,093	60,959,954
1993	25,162,173	60,228,810	35,066,637	40,043,210	4,976,574	30,689,727	26,875,605	3,814,122	55,851,901
1994	9,013,849	27,478,715	18,464,866	19,928,949	1,464,084	14,827,076	13,737,803	1,089,274	23,840,925
1995	13,455,395	40,244,487	26,789,092	33,508,825	6,719,734	24,736,087	19,775,605	4,960,482	38,191,482
1996	12,280,555	34,290,380	22,009,825	32,758,455	10,748,630	25,481,380	17,120,487	8,360,893	37,761,935
1997	16,023,557	57,871,394	41,847,836	52,866,860	11,019,023	39,181,086	31,014,584	8,166,502	55,204,643
1998	27,288,891	83,763,026	56,474,136	68,583,976	12,109,840	51,253,915	42,204,035	9,049,879	78,542,806
1999	14,547,024	27,102,331	12,555,307	15,534,633	2,979,327	12,204,637	9,863,957	2,340,680	26,751,661
2000	8,115,680	19,165,575	11,049,895	18,692,281	7,642,386	13,929,929	8,234,643	5,695,287	22,045,609
2001	10,391,789	32,081,176	21,689,387	23,165,454	1,476,067	17,551,956	16,433,572	1,118,384	27,943,745
2002	22,212,715	77,392,818	55,180,104	70,337,033	15,156,929	53,031,687	41,603,888	11,427,800	75,244,402
2003	6,523,162	16,947,167	10,424,005	19,344,805	8,920,800	14,177,202	7,639,427	6,537,775	20,700,364
2004	7,253,282	36,232,684	28,979,402	34,662,903	5,683,501	24,833,095	20,761,338	4,071,757	32,086,377
2005	10,942,541	39,816,933	28,874,392	40,381,168	11,506,776	30,227,158	21,613,808	8,613,350	41,169,699
2006	12,767,247	59,799,691	47,032,444	59,666,782	59,666,782	42,935,722	33,844,157	9,091,565	55,702,969
2007	13,611,989	44,174,904	30,562,915	37,539,699	6,976,784	28,481,242	23,187,979	5,293,262	42,093,230
2008	9,013,337	63,052,996	54,039,659	64,344,963	10,305,304	45,140,861	37,911,231	7,229,631	54,154,198
2009	11,497,957	65,469,126	53,971,169	65,587,151	11,615,982	46,734,455	38,457,428	8,277,027	58,232,412
2010	4,312,574	29,639,594	25,327,020	40,455,213	15,128,193	27,353,765	17,124,848	10,228,918	31,666,339
2011	7,462,398	55,495,618	48,033,219	70,722,290	22,689,071	49,217,213	33,427,385	15,789,828	56,679,611
2012	5,096,672	44,104,217	39,007,545	54,177,017	15,169,472	36,789,598	26,488,573	10,301,024	41,886,269
2013	7,662,639	39,891,123	32,228,484	38,862,370	6,633,886	28,504,684	23,638,876	4,865,808	36,167,322
2014	8,370,886	45,882,414	37,511,528	54,953,334	17,441,806	37,716,885	25,745,808	11,971,077	46,087,771
2015	8,449,447	81,970,267	73,520,821	94,069,513	20,548,692	64,732,616	50,592,322	14,140,294	73,182,063
2016	2,175,886	28,675,020	26,499,134	34,548,158	8,049,023	23,576,211	18,083,430	5,492,781	25,752,098
2017	4,881,618	62,553,167	57,671,549	93,269,404	35,597,855	62,408,690	38,589,352	23,819,339	67,290,308
2018	6,175,043	84,882,978	78,707,935	122,657,963	43,950,029	80,482,038	51,644,221	28,837,817	86,657,081
2019	4,443,644	50,564,404	46,120,760	103,179,866	57,059,106	67,922,353	30,360,871	37,561,482	72,365,997
2020	1,140,612	20,717,084	19,576,472	117,224,414	97,647,942	76,593,520	12,791,114	63,802,406	77,734,132
2021	994,030	1,441,273	447,244	91,467,738	91,020,494	60,636,312	296,489	60,339,823	61,630,342
Totals:	347,005,809	1,465,913,190	1,118,907,381	1,721,329,283	602,421,902	1,214,845,497	799,889,243	414,956,253	1,561,851,306
								(11) Estimated Outstanding ULAE - 12/31/21 (c) =====>	20,162,351
								(12) Indicated Outstanding Loss & LAE - 12/31/21	1,235,007,848

Notes: (a) See Section II, Exhibit I, Col. (2).  
 (b) See Section II, Exhibit I, Col. (9).  
 (c) See Section V, Exhibit I, Sheet 4b, Col. (9).

Summary of Estimated Outstanding Loss & ALAE  
 After Consideration of Anticipated Inflation and Investment Income  
**Alternative Inflation / Investment Assumptions - Short Term Inflation Increase and Investment Decrease  
 Before Return to Long Term Assumptions(3.5 % Inflation and 5.0 % Investment Income)**

Evaluated as of December 31, 2021

Birth Year	2021 Level - Information Provided as of 12/31/21			2021 Level	2021 Level	Loss & Expense Reserve - After Inflation and Present Value Adjustment			Indicated Ultimate After Inflation & Present Value Adjustment (2) + (7)
	Paid Loss & ALAE	Incurred Loss & ALAE	Case Outstanding Loss & ALAE (3) - (2)	Selected Total Outstanding Loss & ALAE (a)	Indicated IBNR / Bulk Loss & ALAE (5) - (4)	Outstanding Loss & ALAE (b)	Case Outstanding Loss & ALAE (4) X [(7)/(5)]	Indicated IBNR / Bulk Loss & ALAE (7) - (8)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	16,885,994	30,728,389	13,842,395	15,645,841	1,803,445	13,317,422	11,782,366	1,535,056	30,203,416
1990	7,614,059	16,848,503	9,234,445	15,980,474	6,746,029	13,547,752	7,828,677	5,719,075	21,161,811
1991	11,583,942	28,155,986	16,572,044	22,565,989	5,993,945	18,884,372	13,868,333	5,016,039	30,468,314
1992	19,655,224	59,250,940	39,595,716	54,602,551	15,006,835	44,818,809	32,500,914	12,317,895	64,474,033
1993	25,162,173	60,228,810	35,066,637	40,043,210	4,976,574	33,292,609	29,155,001	4,137,608	58,454,783
1994	9,013,849	27,478,715	18,464,866	19,928,949	1,464,084	16,073,170	14,892,352	1,180,818	25,087,019
1995	13,455,395	40,244,487	26,789,092	33,508,825	6,719,734	26,837,410	21,455,537	5,381,873	40,292,805
1996	12,280,555	34,290,380	22,009,825	32,758,455	10,748,630	27,618,734	18,556,537	9,062,197	39,899,289
1997	16,023,557	57,871,394	41,847,836	52,866,860	11,019,023	42,480,952	33,626,660	8,854,292	58,504,510
1998	27,288,891	83,763,026	56,474,136	68,583,976	12,109,840	55,606,460	45,788,054	9,818,406	82,895,351
1999	14,547,024	27,102,331	12,555,307	15,534,633	2,979,327	13,234,467	10,696,280	2,538,187	27,781,491
2000	8,115,680	19,165,575	11,049,895	18,692,281	7,642,386	15,109,157	8,931,741	6,177,417	23,224,837
2001	10,391,789	32,081,176	21,689,387	23,165,454	1,476,067	19,040,327	17,827,106	1,213,221	29,432,116
2002	22,212,715	77,392,818	55,180,104	70,337,033	15,156,929	57,528,798	45,131,915	12,396,882	79,741,512
2003	6,523,162	16,947,167	10,424,005	19,344,805	8,920,800	15,378,610	8,286,810	7,091,801	21,901,772
2004	7,253,282	36,232,684	28,979,402	34,662,903	5,683,501	26,939,267	22,522,172	4,417,095	34,192,549
2005	10,942,541	39,816,933	28,874,392	40,381,168	11,506,776	32,787,369	23,444,477	9,342,893	43,729,910
2006	12,767,247	59,799,691	47,032,444	59,666,782	12,634,339	46,561,384	36,702,091	9,859,293	59,328,631
2007	13,611,989	44,174,904	30,562,915	37,539,699	6,976,784	30,888,360	25,147,733	5,740,627	44,500,349
2008	9,013,337	63,052,996	54,039,659	64,344,963	10,305,304	48,944,224	41,105,458	7,838,766	57,957,561
2009	11,497,957	65,469,126	53,971,169	65,587,151	11,615,982	50,689,416	41,711,936	8,977,480	62,187,373
2010	4,312,574	29,639,594	25,327,020	40,455,213	15,128,193	29,664,733	18,571,631	11,093,102	33,977,307
2011	7,462,398	55,495,618	48,033,219	70,722,290	22,689,071	53,366,550	36,245,535	17,121,016	60,828,949
2012	5,096,672	44,104,217	39,007,545	54,177,017	15,169,472	39,889,054	28,720,187	11,168,867	44,985,726
2013	7,662,639	39,891,123	32,228,484	38,862,370	6,633,886	30,933,005	25,652,678	5,280,327	38,595,644
2014	8,370,886	45,882,414	37,511,528	54,953,334	17,441,806	40,931,807	27,940,336	12,991,471	49,302,693
2015	8,449,447	81,970,267	73,520,821	94,069,513	20,548,692	70,198,820	54,864,480	15,334,341	78,648,267
2016	2,175,886	28,675,020	26,499,134	34,548,158	8,049,023	25,542,290	19,591,452	5,950,838	27,718,176
2017	4,881,618	62,553,167	57,671,549	93,269,404	35,597,855	67,641,158	41,824,759	25,816,399	72,522,775
2018	6,175,043	84,882,978	78,707,935	122,657,963	43,950,029	87,176,951	55,940,255	31,236,696	93,351,994
2019	4,443,644	50,564,404	46,120,760	103,179,866	57,059,106	73,570,940	32,885,754	40,685,186	78,014,584
2020	1,140,612	20,717,084	19,576,472	117,224,414	97,647,942	82,796,835	13,827,068	68,969,767	83,937,447
2021	994,030	1,441,273	447,244	91,467,738	91,020,494	65,402,108	319,792	65,082,316	66,396,138
Totals:	347,005,809	1,465,913,190	1,118,907,381	1,721,329,283	602,421,902	1,316,693,322	867,346,077	449,347,245	1,663,699,131
						(11) Estimated Outstanding ULAE - 12/31/21 (c) =====>	20,162,351		
						(12) Indicated Outstanding Loss & LAE - 12/31/21	1,336,855,674		

Notes: (a) See Section II, Exhibit II, Col. (2).  
 (b) See Section II, Exhibit II, Col. (9).  
 (c) See Section V, Exhibit I, Sheet 4b, Col. (9).



Estimation of Outstanding Loss & Expense

Summary of Estimate Based on Review By Claim Class and Expense Category

Description of Selected Claim Classification Categories

Mobility #	Mobility Category	Feeding #	Feeding Category
(1)	(2)	(3)	(4)
1	Cannot Lift Head	1	Tube Fed
2	Lifts Head but Unable to Roll or Sit	2	Fed By Others
3	Rolls / Sits but cannot Walk	3	Feeds Self
4	Walks		

Combination Mobility	Combination Feeding	Mobility #	Feeding #	Combination Number	Final Class Assignment	Assigned Severity
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Cannot Lift Head	Tube Fed	1	1	1-1	A	Most Severe
Lifts Head but Unable to Roll or Sit	Tube Fed	2	1	2-1	B	Severe
Rolls / Sits but cannot Walk	Tube Fed	3	1	3-1	B	Severe
Walks	Tube Fed	4	1	4-1	C	Moderate
Cannot Lift Head	Fed By Others	1	2	1-2	B	Severe
Lifts Head but Unable to Roll or Sit	Fed By Others	2	2	2-2	C	Moderate
Rolls / Sits but cannot Walk	Fed By Others	3	2	3-2	C	Moderate
Walks	Fed By Others	4	2	4-2	D	Least Severe
Cannot Lift Head	Feeds Self	1	3	1-3	B	Severe
Lifts Head but Unable to Roll or Sit	Feeds Self	2	3	2-3	C	Moderate
Rolls / Sits but cannot Walk	Feeds Self	3	3	3-3	D	Least Severe
Walks	Feeds Self	4	3	4-3	D	Least Severe

Summary of Estimated Outstanding Loss & ALAE  
 Before and After Consideration of Anticipated Inflation and Investment Income  
**Based on Current Long Term Inflation and Investment Income (3.5 % and 5.0 %)**

Evaluated as of December 31, 2021

2021 Level Outstanding - Before Inflation and Investment Income  
 Evaluated as of December 31, 2021

Birth Year	Selected Outstanding Loss & ALAE All Categories Incl.		Indicated Outstanding Loss & ALAE Related to the Review of All Classes and Three Expense Categories (2) - (3)	Estimated Average Inflation / Investment Discount Factor		Indicated Outstanding Loss & ALAE After Inflation / Investment		
	Parental Award, Burial Expense & DA Claims (a)	Outstanding Loss & ALAE Related to Parental Award, Burial Expense & DA Claims (b)		Related to Parental Award, Burial Expense & DA Claims (c)	Related to Impair. Class / Three Expense Group Review	Related to Parental Award, Burial Expense & DA Claims (3) X (5)	Related to Impair. Class / Three Expense Group Review (4) X (6)	Combined (7) + (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	15,645,841	205,570	15,440,271	0.53061	0.78818	109,077	12,169,728	12,278,805
1990	15,980,474	250,000	15,730,474	0.61067	0.78458	152,667	12,341,809	12,494,476
1991	22,565,989	350,231	22,215,758	0.61260	0.77431	214,550	17,201,833	17,416,384
1992	54,602,551	450,000	54,152,551	0.27610	0.76045	124,247	41,180,483	41,304,730
1993	40,043,210	425,000	39,618,210	0.44116	0.76990	187,493	30,502,234	30,689,727
1994	19,928,949	337,500	19,591,449	0.65938	0.74545	222,542	14,604,534	14,827,076
1995	33,508,825	300,000	33,208,825	0.35723	0.74164	107,168	24,628,919	24,736,087
1996	32,758,455	625,000	32,133,455	0.69704	0.77943	435,649	25,045,731	25,481,380
1997	52,866,860	799,976	52,066,884	0.62776	0.74287	502,192	38,678,893	39,181,086
1998	68,583,976	698,939	67,885,037	0.44439	0.75044	310,598	50,943,316	51,253,915
1999	15,534,633	250,000	15,284,633	0.64226	0.78799	160,564	12,044,073	12,204,637
2000	18,692,281	225,008	18,467,273	0.53536	0.74778	120,460	13,809,469	13,929,929
2001	23,165,454	250,000	22,915,454	0.47774	0.76073	119,435	17,432,520	17,551,956
2002	70,337,033	721,501	69,615,532	0.45378	0.75708	327,404	52,704,283	53,031,687
2003	19,344,805	230,066	19,114,739	0.53782	0.73522	123,735	14,053,468	14,177,202
2004	34,662,903	368,788	34,294,115	0.49082	0.71884	181,010	24,652,085	24,833,095
2005	40,381,168	500,000	39,881,168	0.54658	0.75108	273,288	29,953,870	30,227,158
2006	59,666,782	781,823	58,884,959	0.58555	0.72137	457,799	42,477,923	42,935,722
2007	37,539,699	490,000	37,049,699	0.56119	0.76131	274,985	28,206,256	28,481,242
2008	64,344,963	855,404	63,489,559	0.60053	0.70291	513,694	44,627,167	45,140,861
2009	65,587,151	680,000	64,907,151	0.47637	0.71503	323,931	46,410,524	46,734,455
2010	40,455,213	434,957	40,020,256	0.52286	0.67782	227,421	27,126,344	27,353,765
2011	70,722,290	896,686	69,825,604	0.58287	0.69737	522,654	48,694,559	49,217,213
2012	54,177,017	689,954	53,487,063	0.59607	0.68013	411,258	36,378,339	36,789,598
2013	38,862,370	370,000	38,492,370	0.39693	0.73671	146,863	28,357,821	28,504,684
2014	54,953,334	440,017	54,513,317	0.32991	0.68922	145,166	37,571,719	37,716,885
2015	94,069,513	1,272,964	92,796,549	0.60115	0.68933	765,245	63,967,371	64,732,616
2016	34,548,158	729,510	33,818,648	0.74757	0.68101	545,363	23,030,849	23,576,211
2017	93,269,404	1,512,341	91,757,063	0.67397	0.66904	1,019,268	61,389,422	62,408,690
2018	122,657,963	2,483,431	120,174,533	0.74528	0.65431	1,850,846	78,631,192	80,482,038
2019	103,179,866	2,097,496	101,082,370	0.74253	0.65654	1,557,447	66,364,906	67,922,353
2020	117,224,414	4,300,815	112,923,598	0.86175	0.64546	3,706,242	72,887,278	76,593,520
2021	91,467,738	5,180,360	86,287,378	0.91062	0.64805	4,717,346	55,918,966	60,636,312
Totals:	1,721,329,283	30,203,337	1,691,125,946			20,857,609	1,193,987,888	1,214,845,497

Notes: (a) See Section IV, Exhibit I, Sheet 1, Col. (4).  
 (b) See Section IV, Exhibit I, Sheet 1, Col. (3).  
 (c) See Section IV, Exhibit I, Sheet 2, Col. (6).  
 (d) See Section IV, Exhibit I, Sheet 2, Col. (5).

Summary of Estimated Outstanding Loss & ALAE  
 Before and After Consideration of Anticipated Inflation and Investment Income  
**Alternative Inflation / Investment Assumptions - Short Term Inflation Increase and Investment Decrease**  
**Before Return to Long Term Assumptions(3.5 % Inflation and 5.0 % Investment Income)**  
 Evaluated as of December 31, 2021

2021 Level Outstanding - Before Inflation and Investment Income  
 Evaluated as of December 31, 2021

Birth Year	Selected Outstanding Loss & ALAE All Categories Incl. Parental Award, Burial Expense & DA Claims (a)	Outstanding Loss & ALAE Related to Parental Award, Burial Expense & DA Claims (b)	Indicated Outstanding Loss & ALAE Related to the Review of All Classes and Three Expense Categories (2) - (3)	Estimated Average Inflation / Investment Discount Factor		Indicated Outstanding Loss & ALAE After Inflation / Investment		
	(2)	(3)	(4)	Related to Parental Award, Burial Expense & DA Claims (c)	Related to Impair. Class / Three Expense Group Review	Related to Parental Award, Burial Expense & DA Claims (3) X (5)	Related to Impair. Class / Three Expense Group Review (4) X (6)	Combined (7) + (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	15,645,841	205,570	15,440,271	0.53061	0.85545	109,077	13,208,345	13,317,422
1990	15,980,474	250,000	15,730,474	0.61067	0.85154	152,667	13,395,085	13,547,752
1991	22,565,989	350,231	22,215,758	0.61260	0.84039	214,550	18,669,822	18,884,372
1992	54,602,551	450,000	54,152,551	0.27610	0.82535	124,247	44,694,562	44,818,809
1993	40,043,210	425,000	39,618,210	0.44116	0.83560	187,493	33,105,116	33,292,609
1994	19,928,949	337,500	19,591,449	0.65938	0.80906	222,542	15,850,628	16,073,170
1995	33,508,825	300,000	33,208,825	0.35723	0.80491	107,168	26,730,242	26,837,410
1996	32,758,455	625,000	32,133,455	0.69704	0.84594	435,649	27,183,085	27,618,734
1997	52,866,860	799,976	52,066,884	0.62776	0.80625	502,192	41,978,760	42,480,952
1998	68,583,976	698,939	67,885,037	0.44439	0.81455	310,598	55,295,862	55,606,460
1999	15,534,633	250,000	15,284,633	0.64226	0.85536	160,564	13,073,903	13,234,467
2000	18,692,281	225,008	18,467,273	0.53536	0.81164	120,460	14,988,697	15,109,157
2001	23,165,454	250,000	22,915,454	0.47774	0.82568	119,435	18,920,891	19,040,327
2002	70,337,033	721,501	69,615,532	0.45378	0.82168	327,404	57,201,393	57,528,798
2003	19,344,805	230,066	19,114,739	0.53782	0.79807	123,735	15,254,876	15,378,610
2004	34,662,903	368,788	34,294,115	0.49082	0.78026	181,010	26,758,257	26,939,267
2005	40,381,168	500,000	39,881,168	0.54658	0.81527	273,288	32,514,082	32,787,369
2006	59,666,782	781,823	58,884,959	0.58555	0.78294	457,799	46,103,585	46,561,384
2007	37,539,699	490,000	37,049,699	0.56119	0.82628	274,985	30,613,375	30,888,360
2008	64,344,963	855,404	63,489,559	0.60053	0.76281	513,694	48,430,530	48,944,224
2009	65,587,151	680,000	64,907,151	0.47637	0.77596	323,931	50,365,484	50,689,416
2010	40,455,213	434,957	40,020,256	0.52286	0.73556	227,421	29,437,311	29,664,733
2011	70,722,290	896,686	69,825,604	0.58287	0.75680	522,654	52,843,896	53,366,550
2012	54,177,017	689,954	53,487,063	0.59607	0.73808	411,258	39,477,796	39,889,054
2013	38,862,370	370,000	38,492,370	0.39693	0.79980	146,863	30,786,142	30,933,005
2014	54,953,334	440,017	54,513,317	0.32991	0.74820	145,166	40,786,641	40,931,807
2015	94,069,513	1,272,964	92,796,549	0.60115	0.74823	765,245	69,433,575	70,198,820
2016	34,548,158	729,510	33,818,648	0.74757	0.73915	545,363	24,996,927	25,542,290
2017	93,269,404	1,512,341	91,757,063	0.67397	0.72607	1,019,268	66,621,889	67,641,158
2018	122,657,963	2,483,431	120,174,533	0.74528	0.71002	1,850,846	85,326,105	87,176,951
2019	103,179,866	2,097,496	101,082,370	0.74253	0.71242	1,557,447	72,013,493	73,570,940
2020	117,224,414	4,300,815	112,923,598	0.86175	0.70039	3,706,242	79,090,593	82,796,835
2021	91,467,738	5,180,360	86,287,378	0.91062	0.70329	4,717,346	60,684,762	65,402,108
<b>Totals:</b>	<b>1,721,329,283</b>	<b>30,203,337</b>	<b>1,691,125,946</b>			<b>20,857,609</b>	<b>1,295,835,713</b>	<b>1,316,693,322</b>

Notes: (a) See Section IV, Exhibit I, Sheet 1, Col. (4).  
 (b) See Section IV, Exhibit I, Sheet 1, Col. (3).  
 (c) See Section IV, Exhibit I, Sheet 3, Col. (6).  
 (d) See Section IV, Exhibit I, Sheet 3, Col. (5).

Estimation of Outstanding Loss & Expense

Summary of Estimates of Ultimate Loss & ALAE - Based on New and Old Methods  
Indicated Ultimate Loss & ALAE - 2021 Level

**Before Consideration of Inflation and Anticipated Investment Income**

Evaluated as of December 31, 2021

Indicated Ultimate Loss & ALAE - 2021 Level Based on 2021 Level Outstanding + Actual Paid				
Birth Year	Estimate Based on Analysis By Claim Class & Expense Category (a)	Estimate Based on Loss Projection Methods 12/31/2021 (b)	Estimate Based on 09/30/21 Report	Selected Estimate of Ultimate Loss & ALAE - 2021 Level
(1)	(2)	(3)	(4)	(5)
1989	32,531,835	34,737,530	36,662,263	32,531,835
1990	23,594,532	19,466,798	19,525,709	23,594,532
1991	34,149,931	31,093,684	38,733,928	34,149,931
1992	74,257,775	67,438,258	76,245,975	74,257,775
1993	65,205,384	69,620,522	70,207,559	65,205,384
1994	28,942,798	32,474,853	33,892,584	28,942,798
1995	46,964,221	46,490,803	44,356,167	46,964,221
1996	45,039,010	40,782,816	46,750,616	45,039,010
1997	68,890,417	69,135,586	68,848,332	68,890,417
1998	95,872,867	104,333,809	106,935,501	95,872,867
1999	30,081,657	36,537,550	37,886,976	30,081,657
2000	26,807,961	26,106,848	28,766,865	26,807,961
2001	33,557,243	40,055,305	44,727,572	33,557,243
2002	92,549,748	99,233,507	111,882,483	92,549,748
2003	25,867,967	20,534,312	24,000,284	25,867,967
2004	41,916,185	43,714,091	44,811,277	41,916,185
2005	51,323,709	51,393,506	57,226,123	51,323,709
2006	72,434,030	73,397,495	77,375,631	72,434,030
2007	51,151,688	55,624,807	59,899,710	51,151,688
2008	73,358,300	78,820,595	87,975,106	73,358,300
2009	77,085,108	84,154,996	100,885,337	77,085,108
2010	44,767,787	38,259,961	51,340,292	44,767,787
2011	78,184,688	69,884,754	88,632,666	78,184,688
2012	59,273,688	53,377,430	62,667,540	59,273,688
2013	46,525,009	51,418,825	53,000,465	46,525,009
2014	63,324,219	62,858,524	62,311,851	63,324,219
2015	102,518,960	114,724,618	112,648,795	102,518,960
2016	36,724,044	42,818,095	41,628,923	36,724,044
2017	98,151,022	103,815,232	87,764,194	98,151,022
2018	128,833,007	165,530,714	114,454,803	128,833,007
2019	107,623,510	136,033,327	115,339,086	107,623,510
2020	118,365,025	103,184,702	110,857,185	118,365,025
2021	92,461,768	74,072,885	71,222,060	92,461,768
2021 - 4th Quar. (for 9/30/21)			23,740,687	
Totals:				
1989 to 2021	2,068,335,092	2,141,126,739	2,213,204,546	2,068,335,092
1989 to 2020	1,975,873,324	2,067,053,853	2,118,241,799	1,975,873,324

Notes: (a) See Section IV, Exhibit I, Sheet 1, Col. (6).  
(b) See Section IV, Exhibit I, Sheet 1, Col. (7).

Estimation of Outstanding Loss & Expense

Summary of Estimates of Outstanding Loss & ALAE - Based on New and Old Methods  
2021 Level - Prior to Inflation and Investment Income

Evaluated as of December 31, 2021

Indicated Outstanding Loss & ALAE - 2021 Level

Birth Year	Indicated Outstanding Loss & ALAE - 2021 Level			Based on Information Provided By NICA as of 12/31/21			2021 Level Indicated Bulk / IBNR (4) - (7)
	Based on Analysis By Claim Class & Expense Category	Estimate Based on Loss Projection Methods 12/31/21	Selected	Paid Loss & ALAE	Incurred Loss & ALAE	Case Outstanding (6) - (5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	15,645,841	17,851,536	15,645,841	16,885,994	30,728,389	13,842,395	1,803,445
1990	15,980,474	11,852,740	15,980,474	7,614,059	16,848,503	9,234,445	6,746,029
1991	22,565,989	19,509,742	22,565,989	11,583,942	28,155,986	16,572,044	5,993,945
1992	54,602,551	47,783,035	54,602,551	19,655,224	59,250,940	39,595,716	15,006,835
1993	40,043,210	44,458,348	40,043,210	25,162,173	60,228,810	35,066,637	4,976,574
1994	19,928,949	23,461,004	19,928,949	9,013,849	27,478,715	18,464,866	1,464,084
1995	33,508,825	33,035,408	33,508,825	13,455,395	40,244,487	26,789,092	6,719,734
1996	32,758,455	28,502,261	32,758,455	12,280,555	34,290,380	22,009,825	10,748,630
1997	52,866,860	53,112,029	52,866,860	16,023,557	57,871,394	41,847,836	11,019,023
1998	68,583,976	77,044,918	68,583,976	27,288,891	83,763,026	56,474,136	12,109,840
1999	15,534,633	21,990,526	15,534,633	14,547,024	27,102,331	12,555,307	2,979,327
2000	18,692,281	17,991,168	18,692,281	8,115,680	19,165,575	11,049,895	7,642,386
2001	23,165,454	29,663,515	23,165,454	10,391,789	32,081,176	21,689,387	1,476,067
2002	70,337,033	77,020,792	70,337,033	22,212,715	77,392,818	55,180,104	15,156,929
2003	19,344,805	14,011,150	19,344,805	6,523,162	16,947,167	10,424,005	8,920,800
2004	34,662,903	36,460,809	34,662,903	7,253,282	36,232,684	28,979,402	5,683,501
2005	40,381,168	40,450,965	40,381,168	10,942,541	39,816,933	28,874,392	11,506,776
2006	59,666,782	60,630,248	59,666,782	12,767,247	59,799,691	47,032,444	12,634,339
2007	37,539,699	42,012,818	37,539,699	13,611,989	44,174,904	30,562,915	6,976,784
2008	64,344,963	69,807,259	64,344,963	9,013,337	63,052,996	54,039,659	10,305,304
2009	65,587,151	72,657,039	65,587,151	11,497,957	65,469,126	53,971,169	11,615,982
2010	40,455,213	33,947,387	40,455,213	4,312,574	29,639,594	25,327,020	15,128,193
2011	70,722,290	62,422,355	70,722,290	7,462,398	55,495,618	48,033,219	22,689,071
2012	54,177,017	48,280,759	54,177,017	5,096,672	44,104,217	39,007,545	15,169,472
2013	38,862,370	43,756,186	38,862,370	7,662,639	39,891,123	32,228,484	6,633,886
2014	54,953,334	54,487,638	54,953,334	8,370,886	45,882,414	37,511,528	17,441,806
2015	94,069,513	106,275,171	94,069,513	8,449,447	81,970,267	73,520,821	20,548,692
2016	34,548,158	40,642,209	34,548,158	2,175,886	28,675,020	26,499,134	8,049,023
2017	93,269,404	98,933,614	93,269,404	4,881,618	62,553,167	57,671,549	35,597,855
2018	122,657,963	159,355,671	122,657,963	6,175,043	84,882,978	78,707,935	43,950,029
2019	103,179,866	131,589,683	103,179,866	4,443,644	50,564,404	46,120,760	57,059,106
2020	117,224,414	102,044,090	117,224,414	1,140,612	20,717,084	19,576,472	97,647,942
2021	91,467,738	73,078,856	91,467,738	994,030	1,441,273	447,244	91,020,494
Totals:	1,721,329,283	1,794,120,930	1,721,329,283	347,005,809	1,465,913,190	1,118,907,381	602,421,902
1989 to 2020	1,629,861,545	1,721,042,074	1,629,861,545	346,011,779	1,464,471,917	1,118,460,138	511,401,407

Notes: (a) See Section IV, Exhibit I, Sheet 1, Column (4).  
(b) See Section V, Exhibit I, Sheet 1, Column (5).

## Estimation of Outstanding Loss &amp; Expense

## Summary of Estimate Based on Review By Claim Class and Expense Category

## Outstanding Loss &amp; ALAE - 2021 Expense Level

**Before Consideration of Inflation and Anticipated Investment Income**

Evaluated as of December 31, 2021

Birth Year	2021 Level Outstanding Loss & ALAE Related to the Review of All Classes and Three Expense Categories (a)	2021 Level Outstanding Loss & ALAE Related to Parental Award, Burial Expense & DA Claims (b)	2021 Level Outstanding Loss & ALAE Combined (2) + (3)	Cumulative Loss & ALAE Payments as of 12/31/21	2021 Level Ultimate Loss & ALAE (4) + (5)
(1)	(2)	(3)	(4)	(5)	(6)
1989	15,440,271	205,570	15,645,841	16,885,994	32,531,835
1990	15,730,474	250,000	15,980,474	7,614,059	23,594,532
1991	22,215,758	350,231	22,565,989	11,583,942	34,149,931
1992	54,152,551	450,000	54,602,551	19,655,224	74,257,775
1993	39,618,210	425,000	40,043,210	25,162,173	65,205,384
1994	19,591,449	337,500	19,928,949	9,013,849	28,942,798
1995	33,208,825	300,000	33,508,825	13,455,395	46,964,221
1996	32,133,455	625,000	32,758,455	12,280,555	45,039,010
1997	52,066,884	799,976	52,866,860	16,023,557	68,890,417
1998	67,885,037	698,939	68,583,976	27,288,891	95,872,867
1999	15,284,633	250,000	15,534,633	14,547,024	30,081,657
2000	18,467,273	225,008	18,692,281	8,115,680	26,807,961
2001	22,915,454	250,000	23,165,454	10,391,789	33,557,243
2002	69,615,532	721,501	70,337,033	22,212,715	92,549,748
2003	19,114,739	230,066	19,344,805	6,523,162	25,867,967
2004	34,294,115	368,788	34,662,903	7,253,282	41,916,185
2005	39,881,168	500,000	40,381,168	10,942,541	51,323,709
2006	58,884,959	781,823	59,666,782	12,767,247	72,434,030
2007	37,049,699	490,000	37,539,699	13,611,989	51,151,688
2008	63,489,559	855,404	64,344,963	9,013,337	73,358,300
2009	64,907,151	680,000	65,587,151	11,497,957	77,085,108
2010	40,020,256	434,957	40,455,213	4,312,574	44,767,787
2011	69,825,604	896,686	70,722,290	7,462,398	78,184,688
2012	53,487,063	689,954	54,177,017	5,096,672	59,273,688
2013	38,492,370	370,000	38,862,370	7,662,639	46,525,009
2014	54,513,317	440,017	54,953,334	8,370,886	63,324,219
2015	92,796,549	1,272,964	94,069,513	8,449,447	102,518,960
2016	33,818,648	729,510	34,548,158	2,175,886	36,724,044
2017	91,757,063	1,512,341	93,269,404	4,881,618	98,151,022
2018	120,174,533	2,483,431	122,657,963	6,175,043	128,833,007
2019	101,082,370	2,097,496	103,179,866	4,443,644	107,623,510
2020	112,923,598	4,300,815	117,224,414	1,140,612	118,365,025
2021	86,287,378	5,180,360	91,467,738	994,030	92,461,768
Totals:	1,691,125,946	30,203,337	1,721,329,283	347,005,809	2,068,335,092

Notes: (a) See Section IV, Exhibit II, Sheet 1, Column (13).

(b) See Section IV, Exhibit VI, Sheet 1, Column (8).

Summary of Estimate Based on Review By Claim Class and Expense Category

Outstanding Loss & ALAE - After Estimated Inflation and Anticipated Investment Income  
Based on Current Selected Long-Term Inflation and Investment Income

Evaluated as of December 31, 2021

Birth Year	After Inflation & Discount Outstanding Loss & ALAE Related to the Review of All Classes and Three Expense Categories (a)	Discounted Outstanding Loss & ALAE Related to Parental Award, Burial Expense & DA Claims (b)	After Inflation & Discount Outstanding Loss & ALAE Combined (2) + (3)	Implied Average Inflation / Investment Discount Factor	
				Related to Claim Class / Three Expense Categories Col. (2) / Sect. IV Exh. I, Sh. 1	Related to Parental Award, Burial Expense & DA Claims (b) Col. (3) / Sect. IV Exh. I, Sh. 1
(1)	(2)	(3)	(4)	(5)	(6)
1989	12,169,728	109,077	12,278,805	0.78818	0.53061
1990	12,341,809	152,667	12,494,476	0.78458	0.61067
1991	17,201,833	214,550	17,416,384	0.77431	0.61260
1992	41,180,483	124,247	41,304,730	0.76045	0.27610
1993	30,502,234	187,493	30,689,727	0.76990	0.44116
1994	14,604,534	222,542	14,827,076	0.74545	0.65938
1995	24,628,919	107,168	24,736,087	0.74164	0.35723
1996	25,045,731	435,649	25,481,380	0.77943	0.69704
1997	38,678,893	502,192	39,181,086	0.74287	0.62776
1998	50,943,316	310,598	51,253,915	0.75044	0.44439
1999	12,044,073	160,564	12,204,637	0.78799	0.64226
2000	13,809,469	120,460	13,929,929	0.74778	0.53536
2001	17,432,520	119,435	17,551,956	0.76073	0.47774
2002	52,704,283	327,404	53,031,687	0.75708	0.45378
2003	14,053,468	123,735	14,177,202	0.73522	0.53782
2004	24,652,085	181,010	24,833,095	0.71884	0.49082
2005	29,953,870	273,288	30,227,158	0.75108	0.54658
2006	42,477,923	457,799	42,935,722	0.72137	0.58555
2007	28,206,256	274,985	28,481,242	0.76131	0.56119
2008	44,627,167	513,694	45,140,861	0.70291	0.60053
2009	46,410,524	323,931	46,734,455	0.71503	0.47637
2010	27,126,344	227,421	27,353,765	0.67782	0.52286
2011	48,694,559	522,654	49,217,213	0.69737	0.58287
2012	36,378,339	411,258	36,789,598	0.68013	0.59607
2013	28,357,821	146,863	28,504,684	0.73671	0.39693
2014	37,571,719	145,166	37,716,885	0.68922	0.32991
2015	63,967,371	765,245	64,732,616	0.68933	0.60115
2016	23,030,849	545,363	23,576,211	0.68101	0.74757
2017	61,389,422	1,019,268	62,408,690	0.66904	0.67397
2018	78,631,192	1,850,846	80,482,038	0.65431	0.74528
2019	66,364,906	1,557,447	67,922,353	0.65654	0.74253
2020	72,887,278	3,706,242	76,593,520	0.64546	0.86175
2021	55,918,966	4,717,346	60,636,312	0.64805	0.91062
Totals:	1,193,987,888	20,857,609	1,214,845,497	0.70603	0.69057

Notes: (a) See Section IV, Exhibit II, Sheet 2, Column (13).

(b) See Section IV, Exhibit VI, Sheet 1, Column (9).

Summary of Estimate Based on Review By Claim Class and Expense Category

Outstanding Loss & ALAE - After Estimated Inflation and Anticipated Investment Income  
**Alternative Inflation / Investment Assumptions - Short Term Inflation Increase and Investment Decrease  
 Before Return to Long Term Assumptions(3.5 % Inflation and 5.0 % Investment Income)**

Evaluated as of December 31, 2021

Implied Average  
Inflation / Investment  
Discount Factor

Birth Year	After Inflation & Discount Outstanding Loss & ALAE Related to the Review of All Classes and Three Expense Categories (a)	Discounted Outstanding Loss & ALAE Related to Parental Award, Burial Expense & DA Claims (b)	After Inflation & Discount Outstanding Loss & ALAE Combined  (2) + (3)	Implied Average Inflation / Investment Discount Factor	
				Related to Claim Class / Three Expense Categories Col. (2) / Col.(2) Sect. IV Exh. I, Sh. 1	Related to Parental Award, Burial Expense & DA Claims (b) Col. (3) / Col.(3) Sect. IV Exh. I, Sh. 1
(1)	(2)	(3)	(4)	(5)	(6)
1989	13,208,345	109,077	13,317,422	0.85545	0.53061
1990	13,395,085	152,667	13,547,752	0.85154	0.61067
1991	18,669,822	214,550	18,884,372	0.84039	0.61260
1992	44,694,562	124,247	44,818,809	0.82535	0.27610
1993	33,105,116	187,493	33,292,609	0.83560	0.44116
1994	15,850,628	222,542	16,073,170	0.80906	0.65938
1995	26,730,242	107,168	26,837,410	0.80491	0.35723
1996	27,183,085	435,649	27,618,734	0.84594	0.69704
1997	41,978,760	502,192	42,480,952	0.80625	0.62776
1998	55,295,862	310,598	55,606,460	0.81455	0.44439
1999	13,073,903	160,564	13,234,467	0.85536	0.64226
2000	14,988,697	120,460	15,109,157	0.81164	0.53536
2001	18,920,891	119,435	19,040,327	0.82568	0.47774
2002	57,201,393	327,404	57,528,798	0.82168	0.45378
2003	15,254,876	123,735	15,378,610	0.79807	0.53782
2004	26,758,257	181,010	26,939,267	0.78026	0.49082
2005	32,514,082	273,288	32,787,369	0.81527	0.54658
2006	46,103,585	457,799	46,561,384	0.78294	0.58555
2007	30,613,375	274,985	30,888,360	0.82628	0.56119
2008	48,430,530	513,694	48,944,224	0.76281	0.60053
2009	50,365,484	323,931	50,689,416	0.77596	0.47637
2010	29,437,311	227,421	29,664,733	0.73556	0.52286
2011	52,843,896	522,654	53,366,550	0.75680	0.58287
2012	39,477,796	411,258	39,889,054	0.73808	0.59607
2013	30,786,142	146,863	30,933,005	0.79980	0.39693
2014	40,786,641	145,166	40,931,807	0.74820	0.32991
2015	69,433,575	765,245	70,198,820	0.74823	0.60115
2016	24,996,927	545,363	25,542,290	0.73915	0.74757
2017	66,621,889	1,019,268	67,641,158	0.72607	0.67397
2018	85,326,105	1,850,846	87,176,951	0.71002	0.74528
2019	72,013,493	1,557,447	73,570,940	0.71242	0.74253
2020	79,090,593	3,706,242	82,796,835	0.70039	0.86175
2021	60,684,762	4,717,346	65,402,108	0.70329	0.91062
Totals:	1,295,835,713	20,857,609	1,316,693,322	0.76626	0.69057

Notes:(a) See Section IV, Exhibit II, Sheet 3, Column (13).  
 (b) See Section IV, Exhibit VI, Sheet 1, Column (9).



Estimation of Prospective Cost - Current Level (2021) - Before Inflation and Discount (Investment) (a)

By Claim Class and Expense Category  
Segregated By Birth Year

Birth Year	Claim Class A				Claim Classes B, C & D				All Claim Classes				
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (2) + (3)+ (4)	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (6) + (7)+ (8)	Nursing Care (2) + (6)	Hospitals, Physicians & Drugs (3) + (7)	All Other Expense - Excl. Parental Award & Burial Expense (4) + (8)	Combined Expense - Except Parental Award & Burial (5) + (9)	
													(1)
1989	2,695,810	282,808	517,912	3,496,530	8,451,250	1,707,051	1,785,440	11,943,741	11,147,060	1,989,859	2,303,352	15,440,271	
1990	2,750,755	283,907	528,468	3,563,129	8,624,542	1,720,752	1,822,050	12,167,345	11,375,297	2,004,660	2,350,518	15,730,474	
1991	2,805,616	284,917	539,007	3,629,540	13,197,039	2,601,127	2,788,051	18,586,218	16,002,655	2,886,044	3,327,059	22,215,758	
1992	2,860,407	285,836	549,534	3,695,777	35,886,970	6,988,201	7,581,604	50,456,775	38,747,377	7,274,037	8,131,137	54,152,551	
1993	5,830,277	573,513	1,120,097	7,523,887	22,864,309	4,399,623	4,830,392	32,094,323	28,694,585	4,973,136	5,950,489	39,618,210	
1994	0	0	0	0	13,979,900	2,658,108	2,953,441	19,591,449	13,979,900	2,658,108	2,953,441	19,591,449	
1995	0	0	0	0	23,735,577	4,458,789	5,014,459	33,208,825	23,735,577	4,458,789	5,014,459	33,208,825	
1996	9,236,064	864,723	1,774,408	11,875,194	14,502,617	2,691,771	3,063,872	20,258,261	23,738,681	3,556,494	4,838,280	32,133,455	
1997	3,132,795	288,500	601,864	4,023,159	34,448,121	6,317,977	7,277,627	48,043,725	37,580,916	6,606,477	7,879,491	52,066,884	
1998	9,510,862	866,636	1,827,201	12,204,699	39,972,519	7,263,088	8,444,731	55,680,338	49,483,381	8,129,724	10,271,932	67,885,037	
1999	6,416,383	578,831	1,232,698	8,227,912	5,071,942	913,264	1,071,516	7,056,721	11,488,325	1,492,094	2,304,214	15,284,633	
2000	3,246,497	290,101	623,708	4,160,306	10,294,667	1,837,413	2,174,887	14,306,967	13,541,164	2,127,514	2,798,595	18,467,273	
2001	6,570,434	581,858	1,262,294	8,414,586	10,445,636	1,848,452	2,206,781	14,500,868	17,016,069	2,430,310	3,469,075	22,915,454	
2002	19,946,177	1,751,364	3,832,005	25,529,546	31,790,771	5,578,989	6,716,227	44,085,986	51,736,948	7,330,352	10,548,232	69,615,532	
2003	3,326,962	292,985	641,532	4,261,478	10,719,971	1,868,552	2,264,738	14,063,261	14,046,932	2,161,537	2,906,269	19,114,739	
2004	3,331,271	294,195	644,638	4,270,104	21,687,079	3,755,245	4,581,686	30,024,010	25,018,350	4,049,439	5,226,325	34,294,115	
2005	13,349,123	1,182,098	2,591,965	17,123,187	16,451,911	2,830,383	3,475,687	22,757,981	29,801,035	4,012,481	6,067,652	39,881,168	
2006	10,036,375	891,053	1,955,061	12,882,490	33,281,593	5,689,695	7,031,183	46,002,470	43,317,968	6,580,748	8,986,244	58,884,959	
2007	16,778,832	1,493,366	3,278,621	21,550,819	11,221,580	1,906,591	2,370,709	15,498,881	28,000,412	3,399,957	5,649,330	37,049,699	
2008	6,736,259	600,972	1,320,187	8,657,418	39,729,246	6,709,559	8,393,336	54,832,141	46,465,505	7,310,531	9,713,523	63,489,559	
2009	13,529,551	1,209,777	2,659,074	17,398,401	34,447,776	5,783,419	7,277,555	47,508,750	47,977,326	6,993,197	9,936,628	64,907,151	
2010	0	0	0	0	29,038,304	4,847,221	6,134,731	40,020,256	29,038,304	4,847,221	6,134,731	40,020,256	
2011	10,247,011	920,162	2,024,620	13,191,793	41,120,897	6,825,573	8,687,341	56,633,811	51,367,907	7,745,735	10,711,961	69,825,604	
2012	3,434,208	308,998	680,215	4,423,421	35,647,896	5,884,650	7,531,096	49,063,641	39,082,104	6,193,648	8,211,311	53,487,063	
2013	17,041,855	1,602,142	3,408,723	22,052,720	11,936,461	1,973,000	2,530,188	16,439,650	28,978,316	3,575,143	5,938,912	38,492,370	
2014	10,154,649	994,945	2,050,606	13,200,200	29,976,732	4,961,258	6,375,126	41,313,116	40,131,381	5,956,203	8,425,732	54,513,317	
2015	20,181,670	2,056,023	4,113,437	26,351,130	48,181,355	7,984,243	10,279,821	66,445,419	68,363,025	10,040,267	14,393,258	92,796,549	
2016	6,688,886	707,015	1,375,692	8,771,593	18,150,664	3,011,521	3,884,870	25,047,055	24,839,550	3,718,536	5,260,562	33,818,648	
2017	14,390,347	1,575,030	2,985,718	18,951,095	52,726,492	8,758,961	11,320,515	72,805,968	67,116,840	10,333,991	14,306,233	91,757,063	
2018	12,088,330	1,367,506	2,529,565	15,985,400	75,407,489	12,541,810	16,239,834	104,189,133	87,495,819	13,909,316	18,769,399	120,174,533	
2019	14,181,385	1,655,339	2,992,220	18,828,945	59,494,968	9,906,949	12,851,510	82,253,426	73,676,353	11,562,288	15,843,730	101,082,370	
2020	11,827,766	1,422,292	2,515,757	15,765,815	70,233,118	11,708,673	15,215,992	97,157,784	82,060,884	13,130,965	17,731,749	112,923,598	
2021	12,767,780	1,579,353	2,671,824	17,018,957	50,113,486	8,364,041	10,790,894	69,268,421	62,881,266	9,943,394	13,462,718	86,287,378	
	275,094,335	27,086,246	54,848,651	357,029,231	962,832,877	166,295,950	204,967,888	1,334,096,715	1,237,927,211	193,382,196	259,816,539	1,691,125,946	

Notes: (a) Estimated remaining 2021 level loss and ALAE payments by birth year, claim category and expense category. Above estimates are based on calendar year estimates shown in Section IV, Exhibit II, Sheets 4a and 4b allocated to each Birth Year. The above estimates do not include expenses related to Parental Care, Burial Expense and DA claims (i.e. DA = Decedent when Accepted). The expense estimates related to these additional components are shown in Section IV, Exhibit VI, Sheet 1.

Estimation of Prospective Cost - After Estimated Inflation and Investment Income (a)  
Current Long Term Estimates (3.5 % Inflation and 5.0 % Investment Income)  
By Claim Class and Expense Category  
Segregated By Birth Year

Birth Year	Claim Class A				Claim Classes B, C & D				All Claim Classes				
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (2) + (3)+ (4)	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (6) + (7)+ (8)	Nursing Care (2) + (6)	Hospitals, Physicians & Drugs (3) + (7)	All Other Expense - Excl. Parental Award & Burial Expense (4) + (8)	Combined Expense - Except Parental Award & Burial (5) + (9)	
													(1)
1989	2,346,865	237,064	450,873	3,034,802	6,523,957	1,232,695	1,378,273	9,134,925	8,870,822	1,469,759	1,829,147	12,169,728	
1990	2,387,675	237,178	458,714	3,083,567	6,625,036	1,233,578	1,399,628	9,258,243	9,012,711	1,470,757	1,858,341	12,341,809	
1991	2,428,167	237,203	466,493	3,131,862	10,087,679	1,851,135	2,131,157	14,069,971	12,515,845	2,088,338	2,597,650	17,201,833	
1992	2,468,355	237,137	474,214	3,179,705	27,296,987	4,936,936	5,766,854	38,000,777	29,765,342	5,174,073	6,241,068	41,180,483	
1993	5,016,504	474,148	963,757	6,454,409	17,306,134	3,085,538	3,656,153	24,047,825	22,322,638	3,559,686	4,619,910	30,502,234	
1994	0	0	0	0	10,529,584	1,850,434	2,224,516	14,604,534	10,529,584	1,850,434	2,224,516	14,604,534	
1995	0	0	0	0	17,789,896	3,080,670	3,758,354	24,628,919	17,789,896	3,080,670	3,758,354	24,628,919	
1996	7,877,934	706,878	1,513,487	10,098,300	10,816,530	1,845,764	2,285,137	14,947,431	18,694,465	2,552,642	3,798,624	25,045,731	
1997	2,664,412	234,928	511,880	3,411,219	25,566,832	4,299,506	5,401,336	35,267,674	28,231,244	4,534,434	5,913,216	38,678,893	
1998	8,057,645	703,090	1,548,013	10,308,749	29,497,172	4,905,723	6,231,673	40,634,568	37,554,818	5,608,813	7,779,686	50,943,316	
1999	5,415,630	467,939	1,040,436	6,924,006	3,721,537	612,306	786,225	5,120,067	9,137,167	1,080,245	1,826,661	12,044,073	
2000	2,730,179	233,734	524,515	3,488,428	7,511,221	1,222,974	1,586,846	10,321,041	10,241,400	1,456,708	2,111,361	13,809,469	
2001	5,505,930	467,294	1,057,784	7,031,008	7,578,851	1,221,528	1,601,134	10,401,512	13,084,780	1,688,822	2,658,918	17,432,520	
2002	16,656,970	1,402,197	3,200,092	21,259,258	22,938,184	3,660,843	4,845,999	31,445,025	39,595,153	5,063,039	8,046,091	52,704,283	
2003	2,762,414	233,879	533,096	3,529,389	7,684,015	1,216,712	1,623,351	10,524,078	10,446,429	1,450,591	2,156,447	14,053,468	
2004	2,750,863	234,177	533,146	3,518,186	15,444,323	2,426,756	3,262,820	21,133,899	18,195,186	2,660,933	3,795,966	24,652,085	
2005	10,965,705	938,360	2,133,962	14,038,027	11,641,059	1,815,455	2,459,330	15,915,843	22,606,764	2,753,815	4,593,291	29,953,870	
2006	8,203,240	705,451	1,602,596	10,511,288	23,400,340	3,622,660	4,943,636	31,966,635	31,603,581	4,328,111	6,546,232	42,477,923	
2007	13,648,593	1,179,266	2,676,292	17,504,151	7,840,541	1,205,144	1,656,419	10,702,105	21,489,134	2,384,410	4,332,712	28,206,256	
2008	5,454,419	473,383	1,073,303	7,001,104	27,587,141	4,210,768	5,828,154	37,626,063	33,041,560	4,684,151	6,901,456	44,627,167	
2009	10,906,764	950,610	2,153,386	14,010,760	23,773,366	3,603,956	5,022,442	32,399,764	34,680,130	4,554,566	7,175,828	46,410,524	
2010	0	0	0	0	19,918,706	2,999,544	4,208,094	27,126,344	19,918,706	2,999,544	4,208,094	27,126,344	
2011	8,191,977	719,617	1,627,434	10,539,027	28,037,471	4,194,769	5,923,292	38,155,532	36,229,448	4,914,386	7,550,725	48,694,559	
2012	2,734,660	241,095	544,829	3,520,584	24,161,365	3,591,979	5,104,412	32,857,755	26,896,024	3,833,074	5,649,241	36,378,339	
2013	13,469,509	1,257,733	2,716,629	17,443,871	8,015,734	1,196,248	1,701,967	10,913,950	21,485,244	2,453,981	4,418,596	28,357,821	
2014	7,968,594	784,926	1,626,409	10,379,929	19,947,252	2,988,155	4,256,385	27,191,791	27,915,845	3,773,081	5,882,793	37,571,719	
2015	15,728,081	1,628,421	3,247,435	20,603,938	31,773,053	4,777,462	6,812,918	43,363,434	47,501,135	6,405,883	10,060,353	63,967,371	
2016	5,178,342	561,704	1,081,233	6,821,278	11,863,231	1,790,342	2,555,998	16,209,571	17,041,573	2,352,046	3,637,230	23,030,849	
2017	11,069,779	1,254,270	2,336,569	14,660,619	34,160,050	5,173,956	7,394,798	46,728,803	45,229,829	6,428,227	9,731,367	61,389,422	
2018	9,242,157	1,090,894	1,971,391	12,304,441	48,431,853	7,361,788	10,533,109	66,326,751	57,674,010	8,452,681	12,504,500	78,631,192	
2019	10,778,782	1,322,071	2,322,622	14,423,476	37,885,323	5,778,937	8,277,170	51,941,430	48,664,105	7,101,009	10,599,793	66,364,906	
2020	8,939,200	1,136,754	1,945,221	12,021,176	44,345,898	6,787,852	9,732,354	60,866,103	53,285,098	7,924,606	11,677,575	72,887,278	
2021	9,597,398	1,262,665	2,042,534	12,902,596	31,378,700	4,819,389	6,818,281	43,016,369	40,976,098	6,082,053	8,860,815	55,918,966	
	221,146,743	21,614,066	44,378,344	287,139,154	661,079,020	104,601,500	141,168,215	906,848,734	882,225,763	126,215,566	185,546,560	1,193,987,888	

Notes: (a) Estimated remaining loss and ALAE payments after consideration of anticipated inflation and investment income by birth year, claim category and expense category. Above estimates are based on calendar year expense estimates as shown in Section IV, Exhibit III, Sheets 1a and 1b allocated to each Birth Year. The above estimates do not include expense estimates related to Parental Care, Burial Expense and DA claims (i.e. DA = Deceased when Accepted). The expense estimates related to these additional components are shown in Section IV, Exhibit VI, Sheet 1. The prospective inflation and investment income assumptions are shown in Section IV, Exhibit III, Sheets 3a and 3b.

**Estimation of Prospective Cost - After Alternative Estimates of Anticipated Inflation and Investment Income (a)  
Alternative Inflation / Investment Assumptions - Short Term Inflation Increase and Investment Decrease Before a Return to Long Term Assumptions (3.5 % Inflation and 5.0 % Investment Income)**

By Claim Class and Expense Category  
Segregated By Birth Year

Birth Year	Claim Class A				Claim Classes B, C & D				All Claim Classes			
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (2) + (3)+ (4)	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (6) + (7)+ (8)	Nursing Care (2) + (6)	Hospitals, Physicians & Drugs (3) + (7)	All Other Expense - Excl. Parental Award & Burial Expense (4) + (8)	Combined Expense - Except Parental Award & Burial (5) + (9)
1989	2,547,166	257,291	489,355	3,293,812	7,080,870	1,337,734	1,495,929	9,914,533	9,628,036	1,595,026	1,985,283	13,208,345
1990	2,591,468	257,420	497,866	3,346,754	7,190,537	1,338,697	1,519,097	10,048,332	9,782,005	1,596,117	2,016,963	13,395,085
1991	2,635,423	257,454	506,310	3,399,188	10,948,684	2,008,893	2,313,056	15,270,634	13,584,108	2,266,347	2,819,367	18,669,822
1992	2,679,049	257,389	514,692	3,451,129	29,626,687	5,357,711	6,259,035	41,243,432	32,305,735	5,615,100	6,773,726	44,694,562
1993	5,444,714	514,644	1,046,024	7,005,382	18,783,054	3,348,509	3,968,172	26,099,734	24,227,768	3,863,152	5,014,196	33,105,116
1994	0	0	0	0	11,428,131	2,008,152	2,414,346	15,850,628	11,428,131	2,008,152	2,414,346	15,850,628
1995	0	0	0	0	19,307,912	3,343,276	4,079,055	26,730,242	19,307,912	3,343,276	4,079,055	26,730,242
1996	8,550,437	767,298	1,642,687	10,960,422	11,739,452	2,003,094	2,480,117	16,222,662	20,289,889	2,770,392	4,122,803	27,183,085
1997	2,891,863	255,004	555,577	3,702,444	27,748,199	4,665,938	5,862,179	38,276,316	30,640,062	4,920,942	6,417,756	41,978,760
1998	8,747,331	763,142	1,680,514	11,190,986	32,017,126	5,323,703	6,764,047	44,104,876	40,764,457	6,086,845	8,444,561	55,295,862
1999	5,879,213	507,880	1,129,498	7,516,591	4,039,463	664,459	853,391	5,557,312	9,918,675	1,172,338	1,982,889	13,073,903
2000	2,963,668	253,674	569,372	3,786,715	8,152,535	1,327,115	1,722,332	11,201,982	11,116,204	1,580,789	2,291,704	14,988,697
2001	5,976,535	507,148	1,148,196	7,631,878	8,225,695	1,325,529	1,737,788	11,289,013	14,202,230	1,832,677	2,885,984	18,920,891
2002	18,079,482	1,521,771	3,473,381	23,074,634	24,894,878	3,972,505	5,259,377	34,126,759	42,974,360	5,494,276	8,732,758	57,201,393
2003	2,999,578	253,823	578,775	3,832,177	8,340,311	1,320,385	1,762,002	11,422,699	11,339,889	1,574,209	2,340,778	15,254,876
2004	2,987,036	254,147	578,825	3,820,008	16,763,247	2,633,541	3,541,461	22,938,249	19,750,283	2,887,689	4,120,286	26,758,257
2005	11,905,269	1,018,387	2,316,553	15,240,208	12,634,554	1,970,100	2,669,219	17,273,873	24,539,823	2,988,488	4,985,771	32,514,082
2006	8,905,229	765,618	1,739,608	11,410,454	25,396,580	3,931,183	5,365,368	34,693,131	34,301,809	4,696,801	7,104,976	46,103,585
2007	14,814,342	1,279,848	2,904,813	18,999,003	8,508,988	1,307,747	1,797,638	11,614,373	23,323,330	2,587,595	4,702,451	30,613,375
2008	5,919,737	513,761	1,164,878	7,598,376	29,938,136	4,569,185	6,324,833	40,832,154	35,857,873	5,082,946	7,489,711	48,430,530
2009	11,836,728	1,031,697	2,337,054	15,205,479	25,798,941	3,910,692	5,450,372	35,160,006	37,635,669	4,942,389	7,787,426	50,365,484
2010	0	0	0	0	21,615,835	3,254,842	4,566,635	29,437,311	21,615,835	3,254,842	4,566,635	29,437,311
2011	8,890,551	781,006	1,766,256	11,437,813	30,426,317	4,551,799	6,427,967	41,406,083	39,316,868	5,332,805	8,194,223	52,843,896
2012	2,967,871	261,663	591,306	3,820,840	26,219,935	3,897,707	5,539,313	35,656,955	29,187,807	4,159,370	6,130,619	39,477,796
2013	14,626,684	1,363,346	2,949,116	18,939,146	8,701,641	1,298,067	1,847,288	11,846,996	23,328,325	2,661,413	4,796,404	30,786,142
2014	8,653,460	850,843	1,765,616	11,269,920	21,654,396	3,242,493	4,619,832	29,516,722	30,307,856	4,093,337	6,385,449	40,786,641
2015	17,076,427	1,765,974	3,525,084	22,367,485	34,487,808	5,184,101	7,394,182	47,066,090	51,564,235	6,950,075	10,919,266	69,433,575
2016	5,621,560	609,318	1,173,612	7,404,491	12,875,756	1,942,730	2,773,951	17,592,437	18,497,316	2,552,048	3,947,563	24,996,927
2017	12,014,861	1,361,105	2,535,993	15,911,959	37,070,742	5,614,348	8,024,840	50,709,930	49,085,603	6,975,453	10,560,834	66,621,889
2018	10,029,930	1,184,078	2,139,536	13,353,544	52,554,103	7,988,404	11,430,055	71,972,561	62,584,033	9,172,482	13,569,590	85,326,105
2019	11,696,840	1,435,141	2,520,666	15,652,646	41,108,194	6,270,827	8,981,825	56,360,847	52,805,034	7,705,968	11,502,491	72,013,493
2020	9,700,624	1,233,959	2,111,090	13,045,673	48,118,408	7,365,620	10,560,892	66,044,920	57,819,032	8,599,579	12,671,982	79,090,593
2021	10,414,933	1,370,621	2,219,126	14,004,681	34,048,118	5,229,606	7,402,357	46,680,081	44,463,051	6,600,228	9,621,483	60,684,762
	240,048,009	23,454,452	48,171,377	311,673,838	717,445,232	113,508,691	153,207,952	984,161,875	957,493,241	136,963,144	201,379,329	1,295,835,713

Notes: (a) Estimated remaining loss and ALAE payments after consideration of alternative estimates of anticipated inflation and investment income by birth year, claim category and expense category. Above estimates are based on calendar year expense estimates as shown in Section IV, Exhibit III, Sheets 1a and 1b allocated to each Birth Year. The above estimates do not include expense estimates related to Parental Care, Burial Expense and DA claims (i.e. DA = Deceased when Accepted). The expense estimates related to these additional components are shown in Section IV, Exhibit VI, Sheet 1. The prospective inflation and investment assumptions are shown in Section IV, Exhibit III, Sheets 3a and 3b.

Estimation of Prospective Cost - Current Level (2021)

By Claim Class and Expense Category

Calendar Year	Claim Class A				Claim Classes B, C & D				All Claim Classes				
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Excl. Parental Award & Burial (2) + (3)+ (4)	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Excl. Parental Award & Burial (6) + (7)+ (8)	Nursing Care (2) + (6)	Hospitals, Physicians & Drugs (3) + (7)	All Other Expense - Excl. Parental Award & Burial Expense (4) + (8)	Combined Expense - Excl. Parental Award & Burial (5) + (9)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2022	10,108,367	1,348,195	2,189,536	13,646,098	15,821,824	2,050,235	3,533,115	21,405,175	25,930,191	3,398,430	5,722,651	35,051,272	
2023	10,042,465	1,260,912	2,206,922	13,510,299	15,909,280	2,050,410	3,639,433	21,599,123	25,951,745	3,311,322	5,846,355	35,109,422	
2024	9,863,888	1,195,318	2,148,253	13,207,459	16,060,886	2,054,122	3,649,064	21,764,072	25,924,774	3,249,440	5,797,317	34,971,531	
2025	9,888,774	1,107,443	2,110,529	13,106,747	16,323,044	2,056,146	3,669,811	22,049,001	26,211,818	3,163,590	5,780,340	35,155,747	
2026	9,717,482	1,055,223	2,056,333	12,829,038	16,425,166	2,061,886	3,677,776	22,164,828	26,142,648	3,117,109	5,734,109	34,993,866	
2027	9,745,747	987,180	2,028,179	12,761,106	16,732,558	2,060,517	3,705,906	22,498,981	26,478,305	3,047,697	5,734,085	35,260,087	
2028	9,575,911	927,359	1,972,239	12,475,509	17,200,346	2,064,642	3,753,278	23,018,266	26,776,257	2,992,001	5,725,517	35,493,775	
2029	9,482,207	865,259	1,926,021	12,273,486	17,565,498	2,068,307	3,790,296	23,424,101	27,047,704	2,933,565	5,716,317	35,697,587	
2030	9,278,928	811,487	1,870,062	11,960,477	17,963,791	2,071,144	3,827,870	23,862,805	27,242,719	2,882,631	5,697,932	35,823,282	
2031	9,152,391	757,463	1,823,501	11,733,355	18,287,016	2,076,327	3,863,377	24,226,720	27,439,406	2,833,790	5,686,878	35,960,074	
2032	8,858,186	731,681	1,763,028	11,352,895	18,239,799	2,080,923	3,853,402	24,174,124	27,097,985	2,812,604	5,616,430	35,527,019	
2033	8,635,457	707,545	1,710,016	11,053,019	18,188,379	2,081,985	3,842,539	24,112,903	26,823,836	2,789,530	5,552,555	35,165,922	
2034	8,383,880	684,183	1,655,179	10,723,243	18,162,361	2,088,885	3,837,042	24,088,288	26,546,241	2,773,069	5,492,222	34,811,531	
2035	8,164,183	661,413	1,602,298	10,427,894	18,161,214	2,100,874	3,836,800	24,098,889	26,325,398	2,762,287	5,439,098	34,526,782	
2036	7,882,047	639,028	1,543,933	10,065,008	18,110,834	2,110,442	3,826,157	24,047,433	25,992,881	2,749,470	5,370,089	34,112,440	
2037	7,637,076	617,249	1,489,632	9,743,957	18,120,059	2,129,839	3,828,105	24,078,003	25,757,134	2,747,088	5,317,737	33,821,959	
2038	7,416,529	595,806	1,441,396	9,453,730	18,131,130	2,155,517	3,830,444	24,117,091	25,547,658	2,751,323	5,271,840	33,570,821	
2039	7,193,056	575,384	1,392,089	9,160,528	18,133,697	2,180,419	3,830,987	24,145,103	25,326,753	2,755,803	5,223,075	33,305,631	
2040	6,982,862	555,743	1,346,645	8,885,250	18,183,382	2,209,835	3,841,483	24,234,700	25,166,243	2,765,579	5,188,128	33,119,950	
2041	6,746,564	537,374	1,296,132	8,580,070	18,134,820	2,237,397	3,831,224	24,203,441	24,881,384	2,774,771	5,127,355	32,783,511	
2042	6,457,739	519,529	1,240,643	8,217,911	18,035,689	2,258,478	3,810,281	24,104,448	24,493,428	2,778,008	5,050,924	32,322,360	
2043	6,170,894	502,667	1,185,535	7,859,097	17,968,785	2,283,776	3,796,147	24,048,708	24,139,679	2,786,444	4,981,682	31,907,805	
2044	5,896,598	486,287	1,132,838	7,515,723	17,870,572	2,311,374	3,775,398	23,957,343	23,767,170	2,797,660	4,908,236	31,473,066	
2045	5,624,388	470,735	1,080,542	7,175,665	17,784,198	2,342,963	3,757,150	23,884,311	23,408,586	2,813,698	4,837,693	31,059,977	
2046	5,361,904	456,068	1,030,114	6,848,086	17,660,083	2,378,918	3,730,929	23,769,930	23,021,987	2,834,986	4,761,044	30,618,016	
2047	5,079,711	441,756	975,900	6,497,368	17,451,799	2,416,551	3,686,926	23,555,276	22,531,510	2,858,037	4,662,827	30,052,644	
2048	4,806,768	427,446	923,463	6,157,677	17,239,118	2,453,578	3,641,995	23,334,691	22,045,887	2,881,023	4,565,458	29,492,368	
2049	4,542,959	413,118	872,781	5,828,857	17,021,817	2,491,018	3,596,087	23,108,921	21,564,776	2,904,135	4,468,868	28,937,779	
2050	4,288,180	398,621	823,834	5,510,634	16,799,684	2,525,935	3,549,159	22,874,777	21,087,864	2,924,556	4,372,992	28,385,412	
2051	4,042,337	383,849	776,603	5,202,788	16,572,520	2,556,725	3,501,167	22,630,412	20,614,857	2,940,574	4,277,770	27,833,200	
2052	3,805,335	369,332	731,071	4,905,738	16,340,106	2,588,341	3,452,067	22,380,514	20,145,441	2,957,674	4,183,137	27,286,252	
2053	3,577,079	354,925	687,219	4,619,223	16,102,204	2,617,278	3,401,806	22,121,288	19,679,283	2,972,203	4,089,025	26,740,511	
2054	3,357,475	340,625	645,029	4,343,129	15,858,570	2,641,561	3,350,336	21,850,467	19,216,044	2,982,187	3,995,364	26,193,596	
2055	3,146,423	326,133	604,482	4,077,039	15,608,969	2,664,010	3,297,604	21,570,583	18,755,392	2,990,143	3,902,086	25,647,622	
2056	2,943,827	312,118	565,560	3,821,505	15,353,182	2,681,790	3,243,566	21,278,538	18,297,009	2,993,908	3,809,126	25,100,043	
2057	2,749,589	298,183	528,244	3,576,016	15,091,006	2,694,112	3,188,177	20,973,296	17,840,595	2,992,296	3,716,421	24,549,312	
2058	2,563,610	284,600	492,514	3,340,723	14,822,269	2,707,722	3,131,403	20,661,394	17,385,879	2,992,321	3,623,917	24,002,118	
2059	2,385,788	271,597	458,351	3,115,736	14,546,840	2,717,398	3,073,215	20,337,452	16,932,628	2,988,994	3,531,566	23,453,188	
2060	2,216,015	258,770	425,735	2,900,520	14,264,604	2,724,805	3,013,589	20,002,999	16,480,620	2,983,575	3,439,324	22,903,519	
2061	2,054,172	246,044	394,642	2,694,858	13,975,456	2,729,353	2,952,503	19,657,312	16,029,628	2,975,397	3,347,145	22,352,170	
2062	1,900,134	233,885	365,049	2,499,067	13,679,287	2,732,473	2,889,933	19,301,693	15,579,421	2,966,358	3,254,981	21,800,760	
2063	1,753,774	221,947	336,930	2,312,651	13,376,005	2,731,904	2,825,860	18,933,770	15,129,779	2,953,851	3,162,791	21,246,421	
2064	1,614,962	209,952	310,262	2,135,177	13,065,584	2,730,962	2,760,280	18,556,825	14,680,546	2,940,914	3,070,542	20,692,002	
2065	1,483,567	198,509	285,019	1,967,095	12,748,048	2,728,200	2,693,196	18,169,443	14,231,615	2,926,709	2,978,215	20,136,538	
2066	1,359,449	187,003	261,174	1,807,625	12,423,460	2,724,109	2,624,623	17,772,191	13,782,909	2,911,112	2,885,796	19,579,816	
2067	1,242,455	175,808	238,697	1,656,960	12,091,894	2,714,303	2,554,575	17,360,771	13,334,348	2,890,111	2,793,272	19,017,731	
2068	1,132,427	164,704	217,559	1,514,689	11,753,490	2,701,051	2,483,082	16,937,624	12,885,917	2,865,755	2,700,641	18,452,313	
2069	1,029,198	154,029	197,727	1,380,954	11,408,518	2,684,019	2,410,202	16,502,739	12,437,716	2,838,048	2,607,929	17,883,693	
2070	932,593	143,361	179,167	1,255,121	11,057,358	2,660,021	2,336,015	16,053,395	11,989,951	2,803,383	2,515,182	17,308,516	
2071	842,423	133,053	161,844	1,137,320	10,700,473	2,631,188	2,260,618	15,592,279	11,542,897	2,764,240	2,422,463	16,729,599	
Subtotal: 2022 to 2071	269,117,772	26,005,898	53,700,450	348,824,120	798,526,671	119,813,766	170,255,999	1,088,596,436	1,067,644,444	145,819,664	223,956,449	1,437,420,556	

Estimation of Prospective Cost - Current Level (2021)

By Claim Class and Expense Category

Calendar Year	Claim Class A				Claim Classes B, C & D				All Claim Classes			
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (2) + (3)+ (4)	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (6) + (7)+ (8)	Nursing Care (2) + (6)	Hospitals, Physicians & Drugs (3) + (7)	All Other Expense - Excl. Parental Award & Burial Expense (4) + (8)	Combined Expense - Except Parental Award & Burial (5) + (9)
2072	758,493	122,855	145,720	1,027,068	10,338,398	2,598,563	2,184,125	15,121,087	11,096,891	2,721,419	2,329,845	16,148,155
2073	680,598	113,092	130,755	924,445	9,971,738	2,558,035	2,106,663	14,636,436	10,652,336	2,671,127	2,237,418	15,560,881
2074	608,523	103,563	116,908	828,994	9,601,207	2,510,854	2,028,384	14,140,445	10,209,731	2,614,417	2,145,292	14,969,440
2075	542,046	94,572	104,136	740,755	9,227,616	2,460,742	1,949,458	13,637,816	9,769,662	2,555,315	2,053,594	14,378,571
2076	480,931	85,859	92,395	659,184	8,851,840	2,401,939	1,870,070	13,123,850	9,332,771	2,487,798	1,962,465	13,783,034
2077	424,936	77,531	81,637	584,104	8,474,801	2,336,615	1,790,415	12,601,831	8,899,737	2,414,146	1,872,053	13,185,936
2078	373,816	69,567	71,816	515,199	8,097,474	2,268,569	1,710,700	12,076,743	8,471,290	2,338,136	1,782,516	12,591,942
2079	327,323	61,982	62,884	452,190	7,720,859	2,192,785	1,631,135	11,544,778	8,048,182	2,254,767	1,694,019	11,996,968
2080	285,210	54,778	54,794	394,781	7,345,946	2,111,498	1,551,930	11,009,374	7,631,156	2,166,276	1,606,723	11,404,155
2081	247,226	48,154	47,496	342,876	6,973,708	2,028,133	1,473,289	10,475,130	7,220,934	2,076,287	1,520,786	10,818,007
2082	213,125	41,961	40,945	296,030	6,605,090	1,937,548	1,395,414	9,938,052	6,818,214	1,979,509	1,436,359	10,234,082
2083	182,655	36,235	35,091	253,981	6,241,011	1,841,536	1,318,497	9,401,045	6,423,666	1,877,771	1,353,589	9,655,026
2084	155,571	31,031	29,888	216,490	5,882,369	1,742,492	1,242,729	8,867,590	6,037,940	1,773,523	1,272,617	9,084,080
2085	131,627	26,315	25,288	183,230	5,529,768	1,640,236	1,168,238	8,338,243	5,661,396	1,666,552	1,193,526	8,521,473
2086	110,583	22,108	21,245	153,936	5,184,210	1,537,737	1,095,234	7,817,181	5,294,793	1,559,845	1,116,479	7,971,117
2087	92,202	18,433	17,714	128,349	4,846,428	1,437,544	1,023,873	7,307,845	4,938,630	1,455,978	1,041,586	7,436,194
2088	76,255	15,245	14,650	106,150	4,516,570	1,339,702	954,186	6,810,459	4,592,825	1,354,947	968,836	6,916,609
2089	62,518	12,499	12,011	87,027	4,195,996	1,244,614	886,460	6,327,070	4,258,514	1,257,112	898,471	6,414,097
2090	50,773	10,151	9,754	70,678	3,885,267	1,152,445	820,815	5,858,527	3,936,040	1,162,596	830,569	5,929,205
2091	40,814	8,160	7,841	56,815	3,584,322	1,063,179	757,236	5,404,737	3,625,136	1,071,339	765,077	5,461,552
2092	32,445	6,486	6,233	45,164	3,293,713	976,979	695,841	4,966,533	3,326,157	983,465	702,074	5,011,697
2093	25,481	5,094	4,895	35,470	3,013,074	893,736	636,552	4,543,362	3,038,554	898,830	641,448	4,578,832
2094	19,749	3,948	3,794	27,491	2,743,198	813,686	579,537	4,136,420	2,762,946	817,634	583,331	4,163,911
2095	15,087	3,016	2,898	21,001	2,485,463	737,236	525,087	3,747,786	2,500,549	740,252	527,986	3,768,787
2096	11,345	2,268	2,180	15,793	2,239,659	664,326	473,158	3,377,143	2,251,004	666,594	475,338	3,392,936
2097	8,386	1,676	1,611	11,673	2,006,261	595,096	423,850	3,025,206	2,014,647	596,772	425,461	3,036,879
2098	6,083	1,216	1,169	8,467	1,785,023	529,472	377,110	2,691,606	1,791,106	530,689	378,279	2,700,073
2099	4,322	864	830	6,017	1,577,273	467,850	333,220	2,378,343	1,581,595	468,714	334,050	2,384,359
2100	3,002	600	577	4,179	1,383,185	410,279	292,216	2,085,681	1,386,187	410,880	292,793	2,089,860
2101	2,034	407	391	2,831	1,202,928	356,812	254,135	1,813,875	1,204,962	357,218	254,525	1,816,706
2102	1,340	268	257	1,866	1,036,438	307,428	218,961	1,562,827	1,037,778	307,696	219,219	1,564,693
2103	856	171	165	1,192	884,430	262,339	186,848	1,333,617	885,287	262,510	187,012	1,334,809
2104	529	106	102	736	746,430	221,405	157,693	1,125,528	746,958	221,511	157,795	1,126,264
2105	314	63	60	438	622,477	184,639	131,507	938,622	622,791	184,701	131,567	939,059
2106	179	36	34	249	512,613	152,051	108,296	772,960	512,792	152,087	108,331	773,209
2107	97	19	19	135	416,055	123,410	87,897	627,362	416,152	123,429	87,916	627,497
2108	50	10	10	69	332,662	98,674	70,279	501,615	332,712	98,684	70,289	501,685
2109	24	5	5	33	261,858	77,672	55,321	394,851	261,882	77,677	55,326	394,884
2110	11	2	2	15	202,382	60,030	42,756	305,168	202,392	60,032	42,758	305,183
2111	4	1	1	6	152,948	45,367	32,312	230,627	152,952	45,368	32,313	230,633
2112	2	0	0	2	113,202	33,578	23,915	170,695	113,204	33,578	23,916	170,697
2113	1	0	0	1	81,313	24,119	17,179	122,611	81,314	24,119	17,179	122,612
2114	0	0	0	0	56,076	16,633	11,847	84,556	56,076	16,633	11,847	84,556
2115	0	0	0	0	36,853	10,931	7,786	55,570	36,853	10,931	7,786	55,570
2116	0	0	0	0	22,479	6,668	4,749	33,896	22,479	6,668	4,749	33,896
2117	0	0	0	0	12,585	3,733	2,659	18,977	12,585	3,733	2,659	18,977
2118	0	0	0	0	6,576	1,951	1,389	9,916	6,576	1,951	1,389	9,916
2119	0	0	0	0	3,112	923	657	4,692	3,112	923	657	4,692
2120	0	0	0	0	1,322	392	279	1,993	1,322	392	279	1,993
2121	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal: 2022 to 2071	5,976,562	1,080,348	1,148,201	8,205,111	164,306,206	46,482,185	34,711,889	245,500,279	170,282,768	47,562,532	35,860,090	253,705,390
Totals	275,094,335	27,086,246	54,848,651	357,029,231	962,832,877	166,295,950	204,967,888	1,334,096,715	1,237,927,211	193,382,196	259,816,539	1,691,125,946

Estimation of Outstanding Loss & ALAE Reserves - Excluding Parental Award and Death Benefit  
After Estimated Inflation and Investment Income  
Evaluated as of December 31, 2021

By Claim Class and Expense Category

Based on Current Inflation / Investment Income Differential (3.50 % Inflation and 5.0 % Investment Income)

Calendar Year	Before Inflation / Investment Income			Inflation / Investment Factors			After Inflation / Investment Income		
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care (2) X (5)	Hospitals, Physicians & Drugs (3) X (6)	All Other Expense - Excl. Parental Award & Burial Expense (4) X (7)
2022	25,930,191	3,398,430	5,722,651	1.0101	1.0101	1.0101	26,190,960	3,432,606	5,780,202
2023	25,951,745	3,311,322	5,846,355	0.9956	0.9956	0.9956	25,838,263	3,296,842	5,820,790
2024	25,924,774	3,249,440	5,797,317	0.9814	0.9814	0.9814	25,442,676	3,189,013	5,689,510
2025	26,211,818	3,163,590	5,780,340	0.9674	0.9674	0.9674	25,356,890	3,060,406	5,591,808
2026	26,142,648	3,117,109	5,734,109	0.9536	0.9536	0.9536	24,928,691	2,972,363	5,467,841
2027	26,478,305	3,047,697	5,734,085	0.9399	0.9399	0.9399	24,888,065	2,864,658	5,389,706
2028	26,776,257	2,992,001	5,725,517	0.9265	0.9265	0.9265	24,808,578	2,772,131	5,304,772
2029	27,047,704	2,933,565	5,716,317	0.9133	0.9133	0.9133	24,702,077	2,679,161	5,220,587
2030	27,242,719	2,882,631	5,697,932	0.9002	0.9002	0.9002	24,524,748	2,595,035	5,129,457
2031	27,439,406	2,833,790	5,686,878	0.8874	0.8874	0.8874	24,348,929	2,514,622	5,046,370
2032	27,097,985	2,812,604	5,616,430	0.8747	0.8747	0.8747	23,702,448	2,460,168	4,912,658
2033	26,823,836	2,789,530	5,552,555	0.8622	0.8622	0.8622	23,127,471	2,405,129	4,787,405
2034	26,546,241	2,773,069	5,492,222	0.8499	0.8499	0.8499	22,561,156	2,356,779	4,667,737
2035	26,325,398	2,762,287	5,439,098	0.8377	0.8377	0.8377	22,053,844	2,314,079	4,556,551
2036	25,992,881	2,749,470	5,370,089	0.8258	0.8258	0.8258	21,464,206	2,270,436	4,434,472
2037	25,757,134	2,747,088	5,317,737	0.8140	0.8140	0.8140	20,965,682	2,236,063	4,328,509
2038	25,547,658	2,751,323	5,271,840	0.8023	0.8023	0.8023	20,498,100	2,207,517	4,229,848
2039	25,326,753	2,755,803	5,223,075	0.7909	0.7909	0.7909	20,030,559	2,179,525	4,130,854
2040	25,166,243	2,765,579	5,188,128	0.7796	0.7796	0.7796	19,619,277	2,156,009	4,044,597
2041	24,881,384	2,774,771	5,127,355	0.7685	0.7685	0.7685	19,120,102	2,132,273	3,940,117
2042	24,493,428	2,778,008	5,050,924	0.7575	0.7575	0.7575	18,553,091	2,104,264	3,825,935
2043	24,139,679	2,786,444	4,981,682	0.7467	0.7467	0.7467	18,023,920	2,080,501	3,719,579
2044	23,767,170	2,797,660	4,908,236	0.7360	0.7360	0.7360	17,492,274	2,059,035	3,612,387
2045	23,408,586	2,813,698	4,837,693	0.7255	0.7255	0.7255	16,982,243	2,041,255	3,509,604
2046	23,021,987	2,834,986	4,761,044	0.7151	0.7151	0.7151	16,463,180	2,027,318	3,404,655
2047	22,531,510	2,858,307	4,662,827	0.7049	0.7049	0.7049	15,882,259	2,014,795	3,286,785
2048	22,045,887	2,881,023	4,565,458	0.6948	0.6948	0.6948	15,317,948	2,001,796	3,172,177
2049	21,564,776	2,904,135	4,468,868	0.6849	0.6849	0.6849	14,769,610	1,989,028	3,060,706
2050	21,087,864	2,924,556	4,372,992	0.6751	0.6751	0.6751	14,236,647	1,974,399	2,952,255
2051	20,614,857	2,940,574	4,277,770	0.6655	0.6655	0.6655	13,718,496	1,956,853	2,846,712
2052	20,145,441	2,957,674	4,183,137	0.6560	0.6560	0.6560	13,214,599	1,940,115	2,743,970
2053	19,679,283	2,972,203	4,089,025	0.6466	0.6466	0.6466	12,724,407	1,921,793	2,643,919
2054	19,216,044	2,982,187	3,995,364	0.6374	0.6374	0.6374	12,247,384	1,900,703	2,546,453
2055	18,755,392	2,990,143	3,902,086	0.6282	0.6282	0.6282	11,783,018	1,878,548	2,451,474
2056	18,297,009	2,993,908	3,809,126	0.6193	0.6193	0.6193	11,330,825	1,854,043	2,358,885
2057	17,840,595	2,992,296	3,716,421	0.6104	0.6104	0.6104	10,890,349	1,826,573	2,268,597
2058	17,385,879	2,992,321	3,623,917	0.6017	0.6017	0.6017	10,461,168	1,800,494	2,180,528
2059	16,932,628	2,988,994	3,531,566	0.5931	0.5931	0.5931	10,042,896	1,772,800	2,094,604
2060	16,480,620	2,983,575	3,439,324	0.5846	0.5846	0.5846	9,635,165	1,744,306	2,010,753
2061	16,029,628	2,975,397	3,347,145	0.5763	0.5763	0.5763	9,237,621	1,714,674	1,928,906
2062	15,579,421	2,966,358	3,254,981	0.5681	0.5681	0.5681	8,849,914	1,685,044	1,848,997
2063	15,129,779	2,953,851	3,162,791	0.5599	0.5599	0.5599	8,471,716	1,653,969	1,770,962
2064	14,680,546	2,940,914	3,070,542	0.5519	0.5519	0.5519	8,102,743	1,623,201	1,694,747
2065	14,231,615	2,926,709	2,978,215	0.5441	0.5441	0.5441	7,742,747	1,592,283	1,620,306
2066	13,782,909	2,911,112	2,885,796	0.5363	0.5363	0.5363	7,391,504	1,561,172	1,547,596
2067	13,334,348	2,890,111	2,793,272	0.5286	0.5286	0.5286	7,048,793	1,527,768	1,476,577
2068	12,885,917	2,865,755	2,700,641	0.5211	0.5211	0.5211	6,714,433	1,493,252	1,407,217
2069	12,437,716	2,838,048	2,607,929	0.5136	0.5136	0.5136	6,388,306	1,457,689	1,339,494
2070	11,989,951	2,803,383	2,515,182	0.5063	0.5063	0.5063	6,070,347	1,419,314	1,273,402
2071	11,542,897	2,764,240	2,422,463	0.4991	0.4991	0.4991	5,760,524	1,379,504	1,208,939
Subtotal: 2022 to 2071	1,067,644,444	145,819,664	223,956,449				809,720,850	106,091,305	170,280,909

Estimation of Outstanding Loss & ALAE Reserves - Excluding Parental Award and Death Benefit  
After Estimated Inflation and Investment Income  
Evaluated as of December 31, 2021

By Claim Class and Expense Category

Based on Current Inflation / Investment Income Differential (3.50 % Inflation and 5.0 % Investment Income)

Calendar Year	Before Inflation / Investment Income			Inflation / Investment Factors			After Inflation / Investment Income		
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care (2) X (5)	Hospitals, Physicians & Drugs (3) X (6)	All Other Expense - Excl. Parental Award & Burial Expense (4) X (7)
2072	11,096,891	2,721,419	2,329,845	0.4919	0.4919	0.4919	5,458,830	1,338,732	1,146,107
2073	10,652,336	2,671,127	2,237,418	0.4849	0.4849	0.4849	5,165,283	1,295,221	1,084,917
2074	10,209,731	2,614,417	2,145,292	0.4780	0.4780	0.4780	4,879,942	1,249,612	1,025,384
2075	9,769,662	2,555,315	2,053,594	0.4711	0.4711	0.4711	4,602,894	1,203,915	967,533
2076	9,332,771	2,487,798	1,962,465	0.4644	0.4644	0.4644	4,334,241	1,155,361	911,390
2077	8,899,737	2,414,146	1,872,053	0.4578	0.4578	0.4578	4,074,090	1,105,139	856,982
2078	8,471,290	2,338,136	1,782,516	0.4512	0.4512	0.4512	3,822,558	1,055,053	804,337
2079	8,048,182	2,254,767	1,694,019	0.4448	0.4448	0.4448	3,579,756	1,002,899	753,484
2080	7,631,156	2,166,276	1,606,723	0.4384	0.4384	0.4384	3,345,777	949,774	704,446
2081	7,220,934	2,076,287	1,520,786	0.4322	0.4322	0.4322	3,120,693	897,315	657,243
2082	6,818,214	1,979,509	1,436,359	0.4260	0.4260	0.4260	2,904,554	843,269	611,888
2083	6,423,666	1,877,771	1,353,589	0.4199	0.4199	0.4199	2,697,384	788,501	568,390
2084	6,037,940	1,773,523	1,272,617	0.4139	0.4139	0.4139	2,499,192	734,087	526,755
2085	5,661,396	1,666,552	1,193,526	0.4080	0.4080	0.4080	2,309,859	679,956	486,960
2086	5,294,793	1,559,845	1,116,479	0.4022	0.4022	0.4022	2,129,423	627,328	449,018
2087	4,938,630	1,455,978	1,041,586	0.3964	0.3964	0.3964	1,957,810	577,190	412,914
2088	4,592,825	1,354,947	968,836	0.3908	0.3908	0.3908	1,794,713	529,465	378,587
2089	4,258,514	1,257,112	898,471	0.3852	0.3852	0.3852	1,640,303	484,217	346,075
2090	3,936,040	1,162,596	830,569	0.3797	0.3797	0.3797	1,494,434	441,414	315,350
2091	3,625,136	1,071,339	765,077	0.3743	0.3743	0.3743	1,356,727	400,955	286,334
2092	3,326,157	983,465	702,074	0.3689	0.3689	0.3689	1,227,049	362,809	259,001
2093	3,038,554	898,830	641,448	0.3636	0.3636	0.3636	1,104,937	326,850	233,255
2094	2,762,946	817,634	583,331	0.3584	0.3584	0.3584	990,362	293,076	209,092
2095	2,500,549	740,252	527,986	0.3533	0.3533	0.3533	883,503	261,549	186,550
2096	2,251,004	666,594	475,338	0.3483	0.3483	0.3483	783,970	232,159	165,549
2097	2,014,647	596,772	425,461	0.3433	0.3433	0.3433	691,629	204,872	146,061
2098	1,791,106	530,689	378,279	0.3384	0.3384	0.3384	606,104	179,583	128,008
2099	1,581,595	468,714	334,050	0.3336	0.3336	0.3336	527,560	156,345	111,427
2100	1,386,187	410,880	292,793	0.3288	0.3288	0.3288	455,774	135,096	96,269
2101	1,204,962	357,218	254,525	0.3241	0.3241	0.3241	390,528	115,774	82,492
2102	1,037,778	307,696	219,219	0.3195	0.3195	0.3195	331,539	98,299	70,034
2103	885,287	262,510	187,012	0.3149	0.3149	0.3149	278,782	82,666	58,891
2104	746,958	221,511	157,795	0.3104	0.3104	0.3104	231,861	68,759	48,981
2105	622,791	184,701	131,567	0.3060	0.3060	0.3060	190,557	56,514	40,256
2106	512,792	152,087	108,331	0.3016	0.3016	0.3016	154,659	45,870	32,673
2107	416,152	123,429	87,916	0.2973	0.2973	0.2973	123,719	36,695	26,137
2108	332,712	98,684	70,289	0.2930	0.2930	0.2930	97,500	28,919	20,598
2109	261,882	77,677	55,326	0.2889	0.2889	0.2889	75,647	22,438	15,981
2110	202,392	60,032	42,758	0.2847	0.2847	0.2847	57,628	17,093	12,175
2111	152,952	45,368	32,313	0.2807	0.2807	0.2807	42,928	12,733	9,069
2112	113,204	33,578	23,916	0.2767	0.2767	0.2767	31,318	9,290	6,616
2113	81,314	24,119	17,179	0.2727	0.2727	0.2727	22,175	6,577	4,685
2114	56,076	16,633	11,847	0.2688	0.2688	0.2688	15,074	4,471	3,185
2115	36,853	10,931	7,786	0.2650	0.2650	0.2650	9,765	2,896	2,063
2116	22,479	6,668	4,749	0.2612	0.2612	0.2612	5,871	1,741	1,240
2117	12,585	3,733	2,659	0.2575	0.2575	0.2575	3,240	961	685
2118	6,576	1,951	1,389	0.2538	0.2538	0.2538	1,669	495	353
2119	3,112	923	657	0.2501	0.2501	0.2501	778	231	164
2120	1,322	392	279	0.2466	0.2466	0.2466	326	97	69
Subtotal: 2022 to 2071	170,282,768	47,562,532	35,860,090				72,504,913	20,124,261	15,265,651
Totals	1,237,927,211	193,382,196	259,816,539				882,225,763	126,215,566	185,546,560

Estimation of Outstanding Loss & ALAE Reserves - Excluding Parental Award and Death Benefit  
After Estimated Inflation and Investment Income  
Evaluated as of December 31, 2021

By Claim Class and Expense Category

Based on Short Term Increase in Inflation and Decrease in Investment Income and then a Return to Current Inflation / Investment Income Differential

Calendar Year	Before Inflation / Investment Income			Inflation / Investment Factors			After Inflation / Investment Income		
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care (2) X (5)	Hospitals, Physicians & Drugs (3) X (6)	All Other Expense - Excl. Parental Award & Burial Expense (4) X (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2022	25,930,191	3,398,430	5,722,651	1.0590	1.0590	1.0590	27,460,776	3,599,029	6,060,443
2023	25,951,745	3,311,322	5,846,355	1.0792	1.0792	1.0792	28,007,099	3,573,575	6,309,381
2024	25,924,774	3,249,440	5,797,317	1.0792	1.0792	1.0792	27,977,992	3,506,792	6,256,459
2025	26,211,818	3,163,590	5,780,340	1.0590	1.0590	1.0590	27,759,026	3,350,327	6,121,537
2026	26,142,648	3,117,109	5,734,109	1.0490	1.0490	1.0490	27,424,587	3,269,960	6,015,289
2027	26,478,305	3,047,697	5,734,085	1.0292	1.0292	1.0292	27,252,615	3,136,821	5,901,768
2028	26,776,257	2,992,001	5,725,517	1.0098	1.0098	1.0098	27,039,293	3,021,393	5,781,761
2029	27,047,704	2,933,565	5,716,317	0.9908	0.9908	0.9908	26,798,060	2,906,489	5,663,557
2030	27,242,719	2,882,631	5,697,932	0.9766	0.9766	0.9766	26,605,685	2,815,225	5,564,694
2031	27,439,406	2,833,790	5,686,878	0.9627	0.9627	0.9627	26,414,948	2,727,989	5,474,557
2032	27,097,985	2,812,604	5,616,430	0.9489	0.9489	0.9489	25,713,612	2,668,915	5,329,500
2033	26,823,836	2,789,530	5,552,555	0.9354	0.9354	0.9354	25,089,848	2,609,205	5,193,618
2034	26,546,241	2,773,069	5,492,222	0.9220	0.9220	0.9220	24,475,481	2,556,753	5,063,796
2035	26,325,398	2,762,287	5,439,098	0.9088	0.9088	0.9088	23,925,123	2,510,429	4,943,176
2036	25,992,881	2,749,470	5,370,089	0.8958	0.8958	0.8958	23,285,455	2,463,084	4,810,739
2037	25,757,134	2,747,088	5,317,737	0.8830	0.8830	0.8830	22,744,631	2,425,794	4,695,785
2038	25,547,658	2,751,323	5,271,840	0.8704	0.8704	0.8704	22,237,374	2,394,826	4,588,752
2039	25,326,753	2,755,803	5,223,075	0.8580	0.8580	0.8580	21,730,162	2,364,458	4,481,359
2040	25,166,243	2,765,579	5,188,128	0.8457	0.8457	0.8457	21,283,982	2,338,948	4,387,783
2041	24,881,384	2,774,771	5,127,355	0.8337	0.8337	0.8337	20,742,452	2,313,198	4,274,438
2042	24,493,428	2,778,008	5,050,924	0.8217	0.8217	0.8217	20,127,330	2,282,811	4,150,567
2043	24,139,679	2,786,444	4,981,682	0.8100	0.8100	0.8100	19,553,258	2,257,033	4,035,187
2044	23,767,170	2,797,660	4,908,236	0.7984	0.7984	0.7984	18,976,502	2,233,745	3,918,900
2045	23,408,586	2,813,698	4,837,693	0.7870	0.7870	0.7870	18,423,195	2,214,457	3,807,396
2046	23,021,987	2,834,986	4,761,044	0.7758	0.7758	0.7758	17,860,088	2,199,336	3,693,541
2047	22,531,510	2,858,307	4,662,827	0.7647	0.7647	0.7647	17,229,876	2,185,751	3,565,670
2048	22,045,887	2,881,023	4,565,458	0.7538	0.7538	0.7538	16,617,683	2,171,649	3,441,338
2049	21,564,776	2,904,135	4,468,868	0.7430	0.7430	0.7430	16,022,818	2,157,798	3,320,408
2050	21,087,864	2,924,556	4,372,992	0.7324	0.7324	0.7324	15,444,633	2,141,928	3,202,755
2051	20,614,857	2,940,574	4,277,770	0.7219	0.7219	0.7219	14,882,517	2,122,893	3,088,257
2052	20,145,441	2,957,674	4,183,137	0.7116	0.7116	0.7116	14,335,865	2,104,735	2,976,797
2053	19,679,283	2,972,203	4,089,025	0.7015	0.7015	0.7015	13,804,079	2,084,858	2,868,256
2054	19,216,044	2,982,187	3,995,364	0.6914	0.6914	0.6914	13,286,580	2,061,978	2,762,521
2055	18,755,392	2,990,143	3,902,086	0.6816	0.6816	0.6816	12,782,812	2,037,944	2,659,482
2056	18,297,009	2,993,908	3,809,126	0.6718	0.6718	0.6718	12,292,251	2,011,360	2,559,037
2057	17,840,595	2,992,296	3,716,421	0.6622	0.6622	0.6622	11,814,401	1,981,558	2,461,089
2058	17,385,879	2,992,321	3,623,917	0.6528	0.6528	0.6528	11,348,803	1,953,267	2,365,547
2059	16,932,628	2,988,994	3,531,566	0.6434	0.6434	0.6434	10,895,040	1,923,223	2,272,332
2060	16,480,620	2,983,575	3,439,324	0.6342	0.6342	0.6342	10,452,714	1,892,311	2,181,366
2061	16,029,628	2,975,397	3,347,145	0.6252	0.6252	0.6252	10,021,437	1,860,165	2,092,575
2062	15,579,421	2,966,358	3,254,981	0.6163	0.6163	0.6163	9,600,833	1,828,021	2,005,885
2063	15,129,779	2,953,851	3,162,791	0.6074	0.6074	0.6074	9,190,545	1,794,309	1,921,229
2064	14,680,546	2,940,914	3,070,542	0.5988	0.5988	0.5988	8,790,264	1,760,930	1,838,547
2065	14,231,615	2,926,709	2,978,215	0.5902	0.5902	0.5902	8,399,723	1,727,389	1,757,789
2066	13,782,909	2,911,112	2,885,796	0.5818	0.5818	0.5818	8,018,677	1,693,638	1,678,910
2067	13,334,348	2,890,111	2,793,272	0.5735	0.5735	0.5735	7,646,887	1,657,400	1,601,866
2068	12,885,917	2,865,755	2,700,641	0.5653	0.5653	0.5653	7,284,156	1,619,955	1,526,620
2069	12,437,716	2,838,048	2,607,929	0.5572	0.5572	0.5572	6,930,357	1,581,374	1,453,151
2070	11,989,951	2,803,383	2,515,182	0.5492	0.5492	0.5492	6,585,419	1,539,744	1,381,451
2071	11,542,897	2,764,240	2,422,463	0.5414	0.5414	0.5414	6,249,307	1,496,556	1,311,518
Subtotal: 2022 to 2071	1,067,644,444	145,819,664	223,956,449				878,836,251	115,131,330	184,818,381



Estimation of Outstanding Loss & ALAE Reserves - Excluding Parental Award and Death Benefit  
After Estimated Inflation and Investment Income  
Evaluated as of December 31, 2021

By Claim Class and Expense Category

Based on Short Term Increase in Inflation and Decrease in Investment Income and then a Return  
to Current Inflation / Investment Income Differential

Calendar Year	Before Inflation / Investment Income			Inflation / Investment Factors			After Inflation / Investment Income		
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care (2) X (5)	Hospitals, Physicians & Drugs (3) X (6)	All Other Expense - Excl. Parental Award & Burial Expense (4) X (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2072	11,096,891	2,721,419	2,329,845	0.5337	0.5337	0.5337	5,922,014	1,452,324	1,243,355
2073	10,652,336	2,671,127	2,237,418	0.5260	0.5260	0.5260	5,603,560	1,405,121	1,176,972
2074	10,209,731	2,614,417	2,145,292	0.5185	0.5185	0.5185	5,294,007	1,355,642	1,112,389
2075	9,769,662	2,555,315	2,053,594	0.5111	0.5111	0.5111	4,993,451	1,306,068	1,049,629
2076	9,332,771	2,487,798	1,962,465	0.5038	0.5038	0.5038	4,702,003	1,253,394	988,722
2077	8,899,737	2,414,146	1,872,053	0.4966	0.4966	0.4966	4,419,779	1,198,911	929,697
2078	8,471,290	2,338,136	1,782,516	0.4895	0.4895	0.4895	4,146,904	1,144,575	872,585
2079	8,048,182	2,254,767	1,694,019	0.4825	0.4825	0.4825	3,883,500	1,087,995	817,417
2080	7,631,156	2,166,276	1,606,723	0.4756	0.4756	0.4756	3,629,668	1,030,363	764,219
2081	7,220,934	2,076,287	1,520,786	0.4688	0.4688	0.4688	3,385,485	973,453	713,010
2082	6,818,214	1,979,509	1,436,359	0.4621	0.4621	0.4621	3,151,006	914,821	663,807
2083	6,423,666	1,877,771	1,353,589	0.4555	0.4555	0.4555	2,926,258	855,406	616,618
2084	6,037,940	1,773,523	1,272,617	0.4490	0.4490	0.4490	2,711,250	796,375	571,450
2085	5,661,396	1,666,552	1,193,526	0.4426	0.4426	0.4426	2,505,851	737,650	528,279
2086	5,294,793	1,559,845	1,116,479	0.4363	0.4363	0.4363	2,310,105	680,557	487,117
2087	4,938,630	1,455,978	1,041,586	0.4301	0.4301	0.4301	2,123,931	626,165	447,950
2088	4,592,825	1,354,947	968,836	0.4239	0.4239	0.4239	1,946,995	574,391	410,710
2089	4,258,514	1,257,112	898,471	0.4179	0.4179	0.4179	1,779,484	525,303	375,440
2090	3,936,040	1,162,596	830,569	0.4119	0.4119	0.4119	1,621,237	478,868	342,108
2091	3,625,136	1,071,339	765,077	0.4060	0.4060	0.4060	1,471,846	434,976	310,630
2092	3,326,157	983,465	702,074	0.4002	0.4002	0.4002	1,331,165	393,594	280,978
2093	3,038,554	898,830	641,448	0.3945	0.3945	0.3945	1,198,691	354,583	253,047
2094	2,762,946	817,634	583,331	0.3889	0.3889	0.3889	1,074,394	317,944	226,833
2095	2,500,549	740,252	527,986	0.3833	0.3833	0.3833	958,468	283,741	202,379
2096	2,251,004	666,594	475,338	0.3778	0.3778	0.3778	850,491	251,858	179,595
2097	2,014,647	596,772	425,461	0.3724	0.3724	0.3724	750,314	222,256	158,454
2098	1,791,106	530,689	378,279	0.3671	0.3671	0.3671	657,532	194,821	138,870
2099	1,581,595	468,714	334,050	0.3619	0.3619	0.3619	572,324	169,611	120,881
2100	1,386,187	410,880	292,793	0.3567	0.3567	0.3567	494,447	146,559	104,438
2101	1,204,962	357,218	254,525	0.3516	0.3516	0.3516	423,664	125,598	89,491
2102	1,037,778	307,696	219,219	0.3466	0.3466	0.3466	359,670	106,640	75,976
2103	885,287	262,510	187,012	0.3416	0.3416	0.3416	302,437	89,680	63,888
2104	746,958	221,511	157,795	0.3367	0.3367	0.3367	251,535	74,593	53,137
2105	622,791	184,701	131,567	0.3319	0.3319	0.3319	206,726	61,309	43,672
2106	512,792	152,087	108,331	0.3272	0.3272	0.3272	167,782	49,762	35,445
2107	416,152	123,429	87,916	0.3225	0.3225	0.3225	134,217	39,808	28,354
2108	332,712	98,684	70,289	0.3179	0.3179	0.3179	105,773	31,373	22,346
2109	261,882	77,677	55,326	0.3134	0.3134	0.3134	82,066	24,342	17,337
2110	202,392	60,032	42,758	0.3089	0.3089	0.3089	62,518	18,544	13,208
2111	152,952	45,368	32,313	0.3045	0.3045	0.3045	46,571	13,814	9,839
2112	113,204	33,578	23,916	0.3001	0.3001	0.3001	33,976	10,078	7,178
2113	81,314	24,119	17,179	0.2958	0.2958	0.2958	24,056	7,136	5,082
2114	56,076	16,633	11,847	0.2916	0.2916	0.2916	16,353	4,851	3,455
2115	36,853	10,931	7,786	0.2875	0.2875	0.2875	10,593	3,142	2,238
2116	22,479	6,668	4,749	0.2833	0.2833	0.2833	6,369	1,889	1,346
2117	12,585	3,733	2,659	0.2793	0.2793	0.2793	3,515	1,043	743
2118	6,576	1,951	1,389	0.2753	0.2753	0.2753	1,810	537	382
2119	3,112	923	657	0.2714	0.2714	0.2714	844	250	178
2120	1,322	392	279	0.2675	0.2675	0.2675	354	105	75
Subtotal: 2022 to 2071	170,282,768	47,562,532	35,860,090				78,656,990	21,831,814	16,560,948
Totals	1,237,927,211	193,382,196	259,816,539				957,493,241	136,963,144	201,379,329

Estimation of Outstanding Loss & ALAE Reserves - Excluding Parental Award and Death Benefit  
After Estimated Inflation and Investment Income  
Evaluated as of December 31, 2021

Alternative Inflation / Investment Rates

Prospective Inflation

Calendar Year	Current Assumptions (a)			Alternative - Short Term Increase (b)			Prospective Investment Returns	
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Current (a) Assumptions	Short - Term Shock (c)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2022	3.50%	3.50%	3.50%	8.00%	8.00%	8.00%	5.00%	4.00%
2023	3.50%	3.50%	3.50%	7.00%	7.00%	7.00%	5.00%	5.00%
2024	3.50%	3.50%	3.50%	6.00%	6.00%	6.00%	5.00%	6.00%
2025	3.50%	3.50%	3.50%	5.00%	5.00%	5.00%	5.00%	7.00%
2026	3.50%	3.50%	3.50%	5.00%	5.00%	5.00%	5.00%	6.00%
2027	3.50%	3.50%	3.50%	4.00%	4.00%	4.00%	5.00%	6.00%
2028	3.50%	3.50%	3.50%	4.00%	4.00%	4.00%	5.00%	6.00%
2029	3.50%	3.50%	3.50%	4.00%	4.00%	4.00%	5.00%	6.00%
2030	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2031	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2032	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2033	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2034	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2035	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2036	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2037	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2038	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2039	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2040	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2041	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2042	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2043	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2044	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2045	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2046	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2047	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2048	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2049	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2050	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2051	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2052	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2053	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2054	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2055	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2056	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2057	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2058	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2059	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2060	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2061	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2062	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2063	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2064	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2065	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2066	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2067	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2068	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2069	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2070	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2071	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%

Notes: (a) Based on long-term inflation and investment return assumptions selected based on a review of U.S. experience from 1929 to 2020.  
(b) Sensitivity test to illustrate the potential impact of short term variability in the relationship of inflation and investment return.

Estimation of Outstanding Loss & ALAE Reserves - Excluding Parental Award and Death Benefit  
After Estimated Inflation and Investment Income  
Evaluated as of December 31, 2021

Alternative Inflation / Investment Rates

Prospective Inflation

Calendar Year	Current Assumptions (a)			Alternative - Short Term Increase (b)			Prospective Investment Returns	
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Current (a) Assumptions	Short - Term Shock (c)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2072	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2073	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2074	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2075	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2076	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2077	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2078	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2079	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2080	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2081	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2082	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2083	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2084	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2085	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2086	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2087	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2088	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2089	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2090	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2091	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2092	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2093	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2094	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2095	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2096	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2097	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2098	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2099	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2100	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2101	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2102	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2103	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2104	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2105	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2106	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2107	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2108	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2109	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2110	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2111	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2112	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2113	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2114	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2115	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2116	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2117	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2118	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2119	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%
2120	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	5.00%	5.00%

Notes: (a) Based on long-term inflation and investment return assumptions selected based on a review of U.S. experience from 1929 to 2020.  
(b) Sensitivity test to illustrate the potential impact of short term variability in the relationship of inflation and investment return.

Estimation of Outstanding Loss & ALAE Reserves  
Summary of Open (Reported and Unreported) Claim Counts by Claim Classification Category  
Evaluated as of December 31, 2021

By Claim Class Category - Excluding AAD and DA Claims

Birth Year	Open Accepted Claim Counts as of 12/31/2021 (a)			Estimated Unreported as of 12/31/2021 (b)			Estimate O/S Claim Counts as of 12/31/2021		
	Class A	Classes B, C, D & Blank	Combined (2) + (3)	Class A	Classes B, C, D & Blank	Combined (5) + (6)	Class A (2) + (5)	Classes B, C & D (3) + (6)	Combined (4) + (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	1	2	3			0	1	2	3
1990	1	2	3			0	1	2	3
1991	1	3	4			0	1	3	4
1992	1	8	9			0	1	8	9
1993	2	5	7			0	2	5	7
1994	0	3	3			0	0	3	3
1995	0	5	5			0	0	5	5
1996	3	3	6			0	3	3	6
1997	1	7	8			0	1	7	8
1998	3	8	11			0	3	8	11
1999	2	1	3			0	2	1	3
2000	1	2	3			0	1	2	3
2001	2	2	4			0	2	2	4
2002	6	6	12			0	6	6	12
2003	1	2	3			0	1	2	3
2004	1	4	5			0	1	4	5
2005	4	3	7			0	4	3	7
2006	3	6	9			0	3	6	9
2007	5	2	7			0	5	2	7
2008	2	7	9			0	2	7	9
2009	4	6	10			0	4	6	10
2010	0	5	5			0	0	5	5
2011	3	7	10			0	3	7	10
2012	1	6	7			0	1	6	7
2013	5	2	7			0	5	2	7
2014	3	5	8			0	3	5	8
2015	6	8	14			0	6	8	14
2016	2	3	5	0.00	0.00	0.00	2.00	3.00	5.00
2017	4	8	12	0.33	0.68	1.00	4.33	8.68	13.00
2018	3	11	14	0.65	1.35	2.00	3.65	12.35	16.00
2019	3	7	10	1.30	2.70	4.00	4.30	9.70	14.00
2020	1	6	7	2.60	5.40	8.00	3.60	11.40	15.00
2021	0	0	0	3.90	8.10	12.00	3.90	8.10	12.00
	75	155	230	8.78	18.23	27.00	83.78	173.23	257.00

Notes: (a) Based on claim count information provided by NICA and the classification assignment plan as shown in Section I, Exhibit III.  
(b) Estimated unreported claim counts are based on analysis shown in Section VI. The estimates are shown in Section VI, Exhibit II, Cols. (14) to (18).

Estimation of Outstanding Loss & Expense

Estimated Annual Payments By Class and Expense Category  
2021 Level Incremental Payments

Age	Nursing Care		Hospital, Physicians & Drugs		All Other Expense Categories	
	Class A	Classes B, C & D	Class A	Classes B, C & D	Class A	Classes B, C & D
	(2)	(3)	(4)	(5)	(6)	(7)
1	85,260	60,339	21,875	11,250	6,552	4,856
2	85,260	60,339	21,875	11,250	23,751	16,997
3	85,260	60,339	21,875	11,250	23,751	16,997
4	85,260	60,339	21,875	11,250	23,751	16,997
5	85,260	60,339	21,875	11,250	23,751	16,997
6	85,260	60,339	21,875	11,250	23,751	16,997
7	85,260	60,339	21,875	11,250	23,751	16,997
8	85,260	60,339	21,875	11,250	23,751	16,997
9	85,260	60,339	21,875	11,250	23,751	16,997
10	132,153	100,565	12,500	11,250	27,846	21,246
11	132,153	100,565	12,500	11,250	27,846	21,246
12	132,153	100,565	12,500	11,250	27,846	21,246
13	132,153	100,565	12,500	11,250	27,846	21,246
14	132,153	100,565	12,500	11,250	27,846	21,246
15	132,153	100,565	12,500	11,250	27,846	21,246
16	132,153	100,565	12,500	11,250	27,846	21,246
17	132,153	100,565	12,500	11,250	27,846	21,246
18	132,153	100,565	12,500	11,250	27,846	21,246
19	132,153	100,565	12,500	11,250	27,846	21,246
20	170,519	114,932	12,500	12,500	32,760	24,281
21	170,519	114,932	12,500	12,500	32,760	24,281
22	170,519	114,932	12,500	12,500	32,760	24,281
23	170,519	114,932	12,500	12,500	32,760	24,281
24	170,519	114,932	12,500	12,500	32,760	24,281
25	187,571	126,425	12,550	12,550	36,036	26,709
26	187,571	126,425	12,800	12,800	36,036	26,709
27	187,571	126,425	13,100	13,100	36,036	26,709
28	187,571	126,425	13,588	13,588	36,036	26,709
29	187,571	126,425	13,988	13,988	36,036	26,709
30	187,571	126,425	14,188	14,188	36,036	26,709
31	187,571	126,425	14,488	14,488	36,036	26,709
32	187,571	126,425	14,788	14,788	36,036	26,709
33	187,571	126,425	14,975	14,975	36,036	26,709
34	187,571	126,425	15,175	15,175	36,036	26,709
35	187,571	126,425	15,275	15,275	36,036	26,709
36	187,571	126,425	15,375	15,375	36,036	26,709
37	187,571	126,425	15,475	15,475	36,036	26,709
38	187,571	126,425	15,575	15,575	36,036	26,709
39	187,571	126,425	15,775	15,775	36,036	26,709
40	187,571	126,425	15,975	15,975	36,036	26,709
41	187,571	126,425	16,275	16,275	36,036	26,709
42	187,571	126,425	16,563	16,563	36,036	26,709
43	187,571	126,425	16,963	16,963	36,036	26,709
44	187,571	126,425	17,463	17,463	36,036	26,709
45	187,571	126,425	18,050	18,050	36,036	26,709
46	187,571	126,425	18,750	18,750	36,036	26,709
47	187,571	126,425	19,538	19,538	36,036	26,709
48	187,571	126,425	20,438	20,438	36,036	26,709
49	187,571	126,425	21,325	21,325	36,036	26,709
50	187,571	126,425	22,325	22,325	36,036	26,709
51	187,571	126,425	23,313	23,313	36,036	26,709
52	187,571	126,425	24,400	24,400	36,036	26,709
53	187,571	126,425	25,500	25,500	36,036	26,709
54	187,571	126,425	26,688	26,688	36,036	26,709
55	187,571	126,425	27,875	27,875	36,036	26,709
56	187,571	126,425	29,163	29,163	36,036	26,709
57	187,571	126,425	30,463	30,463	36,036	26,709
58	187,571	126,425	31,850	31,850	36,036	26,709
59	187,571	126,425	32,538	32,538	36,036	26,709
60	187,571	126,425	33,925	33,925	36,036	26,709
61	187,571	126,425	35,125	35,125	36,036	26,709
62	187,571	126,425	35,913	35,913	36,036	26,709
63	187,571	126,425	36,900	36,900	36,036	26,709
64	187,571	126,425	37,500	37,500	36,036	26,709
65	187,571	126,425	37,500	37,500	36,036	26,709
66 & Over	187,571	126,425	37,500	37,500	36,036	26,709

Selected Current Level (Age 20 to 24) Average Annual Expense

Current Level =  Description ----- (1)	2021		Hospital, Physicians & Drugs		All Other Expense Categories	
	Nursing Care					
	Class	Classes	Class	Classes	Class	Classes
	A	B, C & D	A	B, C & D	A	B, C & D
	(2)	(3)	(4)	(5)	(6)	(7)
	----- Medicaid Claimants					
Best Estimate	175,000	125,000	12,500	12,500	35,000	25,000
	----- Non - Medicaid Claimants					
Best Estimate	160,000	90,000	12,500	12,500	27,500	22,500
Open Claims - Medicaid	54	104				
Open Claims - Non - Medicaid	23	42				
Combined	77	146				
	----- Combined -Medicaid and Non-Medicaid Claimants					
Best Estimate	170,519	114,932	12,500	12,500	32,760	24,281
Selected	170,519	114,932	12,500	12,500	32,760	24,281

Estimation of Outstanding Loss & Expense  
Adjustment in Annual Payments - Incremental  
Adjustment for Age and Class By Expense Category  
Relativity to Age 20 to 24  
Factors Shown are Selected Based on an Averages  
of the Medicaid and Non-Medicaid Factors Shown in  
Sheet 5

Age	Nursing Care		Hospital, Physicians & Drugs		All Other Expense Categories	
	Class A	Classes B, C & D	Class A	Classes B, C & D	Class A	Classes B, C & D
	(2)	(3)	(4)	(5)	(6)	(7)
1	0.5000	0.5250	1.7500	0.9000	0.2000	0.2000
2	0.5000	0.5250	1.7500	0.9000	0.7250	0.7000
3	0.5000	0.5250	1.7500	0.9000	0.7250	0.7000
4	0.5000	0.5250	1.7500	0.9000	0.7250	0.7000
5	0.5000	0.5250	1.7500	0.9000	0.7250	0.7000
6	0.5000	0.5250	1.7500	0.9000	0.7250	0.7000
7	0.5000	0.5250	1.7500	0.9000	0.7250	0.7000
8	0.5000	0.5250	1.7500	0.9000	0.7250	0.7000
9	0.5000	0.5250	1.7500	0.9000	0.7250	0.7000
10	0.7750	0.8750	1.0000	0.9000	0.8500	0.8750
11	0.7750	0.8750	1.0000	0.9000	0.8500	0.8750
12	0.7750	0.8750	1.0000	0.9000	0.8500	0.8750
13	0.7750	0.8750	1.0000	0.9000	0.8500	0.8750
14	0.7750	0.8750	1.0000	0.9000	0.8500	0.8750
15	0.7750	0.8750	1.0000	0.9000	0.8500	0.8750
16	0.7750	0.8750	1.0000	0.9000	0.8500	0.8750
17	0.7750	0.8750	1.0000	0.9000	0.8500	0.8750
18	0.7750	0.8750	1.0000	0.9000	0.8500	0.8750
19	0.7750	0.8750	1.0000	0.9000	0.8500	0.8750
20	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
21	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
22	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
23	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
24	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25	1.1000	1.1000	1.0040	1.0040	1.1000	1.1000
26	1.1000	1.1000	1.0240	1.0240	1.1000	1.1000
27	1.1000	1.1000	1.0480	1.0480	1.1000	1.1000
28	1.1000	1.1000	1.0870	1.0870	1.1000	1.1000
29	1.1000	1.1000	1.1190	1.1190	1.1000	1.1000
30	1.1000	1.1000	1.1350	1.1350	1.1000	1.1000
31	1.1000	1.1000	1.1590	1.1590	1.1000	1.1000
32	1.1000	1.1000	1.1830	1.1830	1.1000	1.1000
33	1.1000	1.1000	1.1980	1.1980	1.1000	1.1000
34	1.1000	1.1000	1.2140	1.2140	1.1000	1.1000
35	1.1000	1.1000	1.2220	1.2220	1.1000	1.1000
36	1.1000	1.1000	1.2300	1.2300	1.1000	1.1000
37	1.1000	1.1000	1.2380	1.2380	1.1000	1.1000
38	1.1000	1.1000	1.2460	1.2460	1.1000	1.1000
39	1.1000	1.1000	1.2620	1.2620	1.1000	1.1000
40	1.1000	1.1000	1.2780	1.2780	1.1000	1.1000
41	1.1000	1.1000	1.3020	1.3020	1.1000	1.1000
42	1.1000	1.1000	1.3250	1.3250	1.1000	1.1000
43	1.1000	1.1000	1.3570	1.3570	1.1000	1.1000
44	1.1000	1.1000	1.3970	1.3970	1.1000	1.1000
45	1.1000	1.1000	1.4440	1.4440	1.1000	1.1000
46	1.1000	1.1000	1.5000	1.5000	1.1000	1.1000
47	1.1000	1.1000	1.5630	1.5630	1.1000	1.1000
48	1.1000	1.1000	1.6350	1.6350	1.1000	1.1000
49	1.1000	1.1000	1.7060	1.7060	1.1000	1.1000
50	1.1000	1.1000	1.7860	1.7860	1.1000	1.1000
51	1.1000	1.1000	1.8650	1.8650	1.1000	1.1000
52	1.1000	1.1000	1.9520	1.9520	1.1000	1.1000
53	1.1000	1.1000	2.0400	2.0400	1.1000	1.1000
54	1.1000	1.1000	2.1350	2.1350	1.1000	1.1000
55	1.1000	1.1000	2.2300	2.2300	1.1000	1.1000
56	1.1000	1.1000	2.3330	2.3330	1.1000	1.1000
57	1.1000	1.1000	2.4370	2.4370	1.1000	1.1000
58	1.1000	1.1000	2.5480	2.5480	1.1000	1.1000
59	1.1000	1.1000	2.6030	2.6030	1.1000	1.1000
60	1.1000	1.1000	2.7140	2.7140	1.1000	1.1000
61	1.1000	1.1000	2.8100	2.8100	1.1000	1.1000
62	1.1000	1.1000	2.8730	2.8730	1.1000	1.1000
63	1.1000	1.1000	2.9520	2.9520	1.1000	1.1000
64	1.1000	1.1000	3.0000	3.0000	1.1000	1.1000
65	1.1000	1.1000	3.0000	3.0000	1.1000	1.1000
66 & Over	1.1000	1.1000	3.0000	3.0000	1.1000	1.1000

Estimation of Outstanding Loss & ALAE Reserves - Excluding Parental Award and Burial Expense  
Summary of Selected Annual Loss & ALAE Payment Assumptions (a)  
Current Level (2021)

Age Range	Nursing Care			Physician, Hospital, Drugs and Therapy			All Other Expenses - Excl. Parental Award		
	NICA Payments Only		NICA & Medicaid Payments	NICA Payments Only		NICA & Medicaid Payments	NICA Payments Only		NICA & Medicaid Payments
	Non Medicaid Claimants	Medicaid Claimants	Medicaid Claimants	Non Medicaid Claimants	Medicaid Claimants	Medicaid Claimants	Non Medicaid Claimants	Medicaid Claimants	Medicaid Claimants
	Class A			Class A			Class A		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1 to 9	73,754	44,945	82,477	10,090	2,735	49,441	16,170	6,805	29,366
10 to 19	113,034	83,894	125,237	11,862	5,095	18,231	24,311	15,205	20,868
20 to 24	137,613	95,465	172,674	6,108	7,477	18,307	14,821	19,408	43,269
25 to 30	163,919	109,945	113,465	8,140	6,308	17,983	22,210	7,604	26,743
Selected Age 20 - 24	160,000	110,000	175,000	12,500	10,000	12,500	27,500	17,500	35,000
Selected Relativity									
1 to 9	0.500	0.600	0.500	1.000	0.500	2.500	0.750	0.500	0.700
10 to 19	0.800	0.850	0.750	1.000	0.750	1.000	1.000	0.800	0.700
20 to 24	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
25 to 30	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100
	Classes B, C & D			Classes B, C & D			Classes B, C & D		
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1 to 9	50,231	34,149	31,105	6,266	3,501	13,514	9,293	7,117	15,570
10 to 19	74,903	85,061	89,385	3,749	3,619	13,627	13,215	12,556	17,252
20 to 24	84,906	108,765	99,975	7,551	5,145	7,029	15,896	13,676	20,986
25 to 30	77,007	89,405	80,591	10,969	5,912	15,438	11,912	16,665	20,220
Selected Age 20 - 24	90,000	100,000	125,000	12,500	6,500	12,500	22,500	15,000	25,000
Selected Relativity									
1 to 9	0.650	0.500	0.400	0.800	0.600	1.000	0.650	0.500	0.750
10 to 19	0.900	0.850	0.850	0.800	0.750	1.000	0.900	0.900	0.850
20 to 24	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
25 to 30	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100

Notes: (a) Selected average incremental payment amounts by category (age 20 to 24) and relativity factors for the various age intervals are based on the review of NICA and Medicaid annual payments over the period from 2013 to 2020 for each open accepted claim with a reserve worksheet.



Estimation of Remaining Open Claim Counts - By Year End

**Class A**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 1989	BY 1990	BY 1991	BY 1992	BY 1993	BY 1994	BY 1995	BY 1996	BY 1997	BY 1998	BY 1999
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
12/31/21	1.000	1.000	1.000	1.000	2.000	0.000	0.000	3.000	1.000	3.000	2.000
2022	0.953	0.954	0.955	0.956	1.913	0.000	0.000	2.876	0.959	2.879	1.921
2023	0.908	0.909	0.911	0.912	1.828	0.000	0.000	2.754	0.919	2.762	1.843
2024	0.863	0.866	0.868	0.871	1.745	0.000	0.000	2.636	0.881	2.647	1.768
2025	0.821	0.824	0.827	0.830	1.665	0.000	0.000	2.522	0.843	2.535	1.695
2026	0.779	0.783	0.787	0.790	1.587	0.000	0.000	2.410	0.806	2.427	1.623
2027	0.739	0.743	0.747	0.752	1.511	0.000	0.000	2.301	0.770	2.321	1.554
2028	0.700	0.705	0.710	0.714	1.438	0.000	0.000	2.195	0.736	2.218	1.486
2029	0.662	0.667	0.673	0.678	1.366	0.000	0.000	2.092	0.702	2.118	1.420
2030	0.625	0.631	0.637	0.643	1.297	0.000	0.000	1.992	0.669	2.021	1.356
2031	0.590	0.597	0.603	0.609	1.230	0.000	0.000	1.895	0.637	1.926	1.294
2032	0.556	0.563	0.570	0.576	1.165	0.000	0.000	1.801	0.606	1.834	1.233
2033	0.523	0.530	0.537	0.544	1.102	0.000	0.000	1.710	0.576	1.745	1.174
2034	0.491	0.499	0.506	0.514	1.041	0.000	0.000	1.621	0.547	1.658	1.117
2035	0.460	0.468	0.476	0.484	0.982	0.000	0.000	1.536	0.518	1.574	1.061
2036	0.430	0.439	0.447	0.455	0.925	0.000	0.000	1.453	0.491	1.493	1.008
2037	0.402	0.411	0.419	0.427	0.870	0.000	0.000	1.373	0.464	1.414	0.956
2038	0.374	0.383	0.392	0.400	0.817	0.000	0.000	1.295	0.439	1.337	0.905
2039	0.348	0.357	0.366	0.375	0.766	0.000	0.000	1.220	0.414	1.263	0.856
2040	0.322	0.332	0.341	0.350	0.717	0.000	0.000	1.147	0.390	1.192	0.809
2041	0.298	0.308	0.317	0.326	0.669	0.000	0.000	1.077	0.367	1.123	0.763
2042	0.275	0.284	0.294	0.303	0.623	0.000	0.000	1.010	0.344	1.056	0.719
2043	0.253	0.262	0.272	0.281	0.579	0.000	0.000	0.945	0.323	0.992	0.676
2044	0.232	0.241	0.250	0.260	0.537	0.000	0.000	0.882	0.302	0.929	0.635
2045	0.212	0.221	0.230	0.239	0.496	0.000	0.000	0.821	0.282	0.869	0.595
2046	0.193	0.202	0.211	0.220	0.458	0.000	0.000	0.763	0.263	0.812	0.557
2047	0.175	0.184	0.193	0.202	0.421	0.000	0.000	0.708	0.244	0.756	0.520
2048	0.158	0.167	0.175	0.184	0.386	0.000	0.000	0.654	0.226	0.703	0.484
2049	0.142	0.150	0.159	0.168	0.352	0.000	0.000	0.603	0.209	0.651	0.450
2050	0.127	0.135	0.144	0.152	0.321	0.000	0.000	0.555	0.193	0.602	0.417
2051	0.113	0.121	0.129	0.137	0.291	0.000	0.000	0.508	0.177	0.555	0.386
2052	0.100	0.108	0.115	0.123	0.262	0.000	0.000	0.464	0.163	0.511	0.356
2053	0.088	0.095	0.103	0.110	0.236	0.000	0.000	0.423	0.148	0.468	0.327
2054	0.077	0.084	0.091	0.098	0.211	0.000	0.000	0.383	0.135	0.427	0.300
2055	0.067	0.073	0.080	0.087	0.188	0.000	0.000	0.346	0.123	0.389	0.274
2056	0.058	0.064	0.070	0.077	0.166	0.000	0.000	0.311	0.111	0.353	0.249
2057	0.049	0.055	0.061	0.067	0.146	0.000	0.000	0.278	0.099	0.318	0.226
2058	0.042	0.047	0.052	0.058	0.128	0.000	0.000	0.248	0.089	0.286	0.204
2059	0.035	0.040	0.045	0.050	0.111	0.000	0.000	0.219	0.079	0.256	0.183
2060	0.029	0.034	0.038	0.043	0.096	0.000	0.000	0.193	0.070	0.228	0.164
2061	0.024	0.028	0.032	0.036	0.082	0.000	0.000	0.169	0.062	0.202	0.146
2062	0.020	0.023	0.027	0.031	0.070	0.000	0.000	0.147	0.054	0.178	0.129
2063	0.016	0.019	0.022	0.025	0.059	0.000	0.000	0.126	0.047	0.155	0.114
2064	0.012	0.015	0.018	0.021	0.049	0.000	0.000	0.108	0.040	0.135	0.099
2065	0.010	0.012	0.014	0.017	0.040	0.000	0.000	0.092	0.035	0.116	0.086
2066	0.007	0.009	0.011	0.014	0.033	0.000	0.000	0.077	0.029	0.100	0.074
2067	0.006	0.007	0.009	0.011	0.026	0.000	0.000	0.064	0.025	0.084	0.064
2068	0.004	0.005	0.007	0.008	0.021	0.000	0.000	0.053	0.021	0.071	0.054
2069	0.003	0.004	0.005	0.006	0.016	0.000	0.000	0.043	0.017	0.059	0.045
2070	0.002	0.003	0.004	0.005	0.012	0.000	0.000	0.035	0.014	0.049	0.038
2071	0.001	0.002	0.003	0.004	0.009	0.000	0.000	0.027	0.011	0.040	0.031



Estimation of Remaining Open Claim Counts - By Year End

**Class A**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 2000	BY 2001	BY 2002	BY 2003	BY 2004	BY 2005	BY 2006	BY 2007	BY 2008	BY 2009	BY 2010
(1)	(13)	(14)	(15)	(16)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
12/31/21	1.000	2.000	6.000	1.000	1.000	4.000	3.000	5.000	2.000	4.000	0.000
2022	0.961	1.923	5.772	0.963	0.963	3.854	2.893	4.825	1.931	3.865	0.000
2023	0.923	1.848	5.549	0.926	0.927	3.712	2.787	4.652	1.864	3.733	0.000
2024	0.886	1.774	5.332	0.890	0.892	3.573	2.684	4.483	1.797	3.602	0.000
2025	0.849	1.703	5.120	0.855	0.857	3.437	2.584	4.317	1.732	3.473	0.000
2026	0.814	1.633	4.914	0.821	0.824	3.304	2.486	4.155	1.668	3.347	0.000
2027	0.780	1.565	4.713	0.788	0.791	3.175	2.390	3.997	1.605	3.223	0.000
2028	0.746	1.500	4.518	0.756	0.759	3.049	2.296	3.843	1.544	3.102	0.000
2029	0.714	1.435	4.328	0.725	0.728	2.926	2.205	3.693	1.485	2.984	0.000
2030	0.682	1.373	4.142	0.694	0.698	2.807	2.116	3.546	1.426	2.869	0.000
2031	0.651	1.312	3.962	0.664	0.669	2.690	2.030	3.403	1.370	2.757	0.000
2032	0.621	1.253	3.786	0.636	0.640	2.577	1.946	3.264	1.315	2.647	0.000
2033	0.592	1.195	3.615	0.607	0.612	2.467	1.864	3.129	1.261	2.541	0.000
2034	0.564	1.139	3.449	0.580	0.585	2.359	1.784	2.997	1.209	2.437	0.000
2035	0.537	1.085	3.287	0.553	0.558	2.254	1.706	2.869	1.158	2.336	0.000
2036	0.510	1.032	3.130	0.527	0.533	2.153	1.630	2.744	1.108	2.237	0.000
2037	0.484	0.981	2.978	0.502	0.508	2.054	1.557	2.622	1.060	2.142	0.000
2038	0.459	0.931	2.830	0.478	0.484	1.957	1.485	2.504	1.013	2.048	0.000
2039	0.435	0.883	2.686	0.454	0.460	1.864	1.416	2.388	0.967	1.957	0.000
2040	0.411	0.836	2.548	0.431	0.437	1.773	1.348	2.277	0.923	1.869	0.000
2041	0.389	0.791	2.413	0.409	0.415	1.685	1.282	2.168	0.879	1.783	0.000
2042	0.367	0.747	2.283	0.387	0.394	1.600	1.219	2.062	0.837	1.699	0.000
2043	0.345	0.705	2.156	0.366	0.373	1.517	1.157	1.960	0.797	1.618	0.000
2044	0.325	0.664	2.034	0.346	0.353	1.437	1.097	1.861	0.757	1.540	0.000
2045	0.305	0.625	1.916	0.326	0.333	1.359	1.039	1.764	0.719	1.463	0.000
2046	0.286	0.586	1.803	0.307	0.314	1.284	0.983	1.671	0.681	1.389	0.000
2047	0.267	0.550	1.692	0.289	0.296	1.211	0.929	1.581	0.645	1.317	0.000
2048	0.250	0.514	1.586	0.272	0.278	1.141	0.876	1.493	0.611	1.247	0.000
2049	0.233	0.480	1.484	0.254	0.261	1.073	0.825	1.409	0.577	1.180	0.000
2050	0.216	0.447	1.385	0.238	0.245	1.008	0.776	1.327	0.544	1.115	0.000
2051	0.200	0.416	1.291	0.222	0.229	0.945	0.729	1.248	0.513	1.052	0.000
2052	0.185	0.385	1.199	0.207	0.214	0.884	0.683	1.172	0.482	0.991	0.000
2053	0.171	0.356	1.112	0.192	0.199	0.825	0.639	1.099	0.453	0.932	0.000
2054	0.157	0.329	1.028	0.178	0.185	0.768	0.597	1.028	0.424	0.875	0.000
2055	0.144	0.302	0.948	0.165	0.172	0.714	0.556	0.960	0.397	0.820	0.000
2056	0.131	0.277	0.872	0.152	0.159	0.662	0.517	0.894	0.371	0.767	0.000
2057	0.120	0.253	0.799	0.140	0.146	0.612	0.479	0.831	0.345	0.716	0.000
2058	0.108	0.230	0.730	0.128	0.135	0.565	0.443	0.770	0.321	0.667	0.000
2059	0.098	0.209	0.664	0.117	0.123	0.519	0.408	0.712	0.297	0.620	0.000
2060	0.088	0.188	0.602	0.107	0.113	0.476	0.375	0.657	0.275	0.575	0.000
2061	0.079	0.169	0.544	0.097	0.103	0.434	0.344	0.604	0.254	0.532	0.000
2062	0.070	0.152	0.489	0.087	0.093	0.395	0.314	0.553	0.233	0.490	0.000
2063	0.062	0.135	0.437	0.078	0.084	0.358	0.286	0.505	0.214	0.451	0.000
2064	0.055	0.119	0.389	0.070	0.075	0.324	0.259	0.460	0.195	0.413	0.000
2065	0.048	0.105	0.345	0.062	0.068	0.291	0.234	0.417	0.178	0.377	0.000
2066	0.042	0.092	0.303	0.055	0.060	0.260	0.210	0.376	0.161	0.343	0.000
2067	0.036	0.080	0.265	0.049	0.053	0.232	0.188	0.338	0.145	0.311	0.000
2068	0.031	0.069	0.230	0.043	0.047	0.205	0.168	0.303	0.131	0.281	0.000
2069	0.026	0.059	0.199	0.037	0.041	0.181	0.148	0.270	0.117	0.253	0.000
2070	0.022	0.050	0.170	0.032	0.036	0.158	0.131	0.239	0.104	0.226	0.000
2071	0.018	0.042	0.144	0.027	0.031	0.137	0.114	0.210	0.092	0.201	0.000



Estimation of Remaining Open Claim Counts - By Year End

**Class A**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	BY 2018	BY 2019	BY 2020	BY 2021
(1)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)
12/31/21	3.000	1.000	5.000	3.000	6.000	2.000	4.325	3.650	4.300	3.600	3.900
2022	2.902	0.968	4.842	2.907	5.816	1.939	4.196	3.542	4.175	3.496	3.788
2023	2.806	0.936	4.687	2.815	5.635	1.880	4.069	3.437	4.051	3.394	3.678
2024	2.712	0.906	4.535	2.725	5.457	1.821	3.944	3.332	3.930	3.294	3.571
2025	2.619	0.875	4.385	2.636	5.282	1.764	3.821	3.230	3.811	3.195	3.466
2026	2.527	0.845	4.237	2.549	5.110	1.707	3.700	3.130	3.694	3.099	3.362
2027	2.437	0.815	4.092	2.463	4.941	1.652	3.582	3.031	3.579	3.004	3.260
2028	2.348	0.786	3.948	2.379	4.775	1.597	3.465	2.934	3.466	2.910	3.160
2029	2.261	0.758	3.807	2.295	4.611	1.543	3.351	2.838	3.355	2.818	3.062
2030	2.176	0.730	3.668	2.213	4.449	1.490	3.238	2.745	3.246	2.728	2.965
2031	2.094	0.702	3.533	2.133	4.290	1.438	3.127	2.652	3.139	2.639	2.870
2032	2.013	0.676	3.400	2.054	4.134	1.387	3.017	2.561	3.033	2.552	2.777
2033	1.934	0.650	3.271	1.977	3.981	1.336	2.909	2.471	2.929	2.466	2.685
2034	1.857	0.624	3.145	1.902	3.832	1.287	2.803	2.383	2.826	2.381	2.595
2035	1.783	0.599	3.022	1.828	3.686	1.239	2.700	2.296	2.725	2.298	2.506
2036	1.710	0.575	2.902	1.757	3.544	1.192	2.599	2.211	2.626	2.216	2.418
2037	1.639	0.552	2.785	1.687	3.406	1.146	2.500	2.128	2.529	2.135	2.331
2038	1.570	0.529	2.671	1.619	3.270	1.101	2.403	2.048	2.434	2.056	2.246
2039	1.503	0.507	2.561	1.553	3.139	1.057	2.309	1.969	2.342	1.979	2.163
2040	1.437	0.485	2.453	1.488	3.010	1.015	2.218	1.892	2.251	1.904	2.082
2041	1.373	0.464	2.348	1.426	2.886	0.973	2.128	1.816	2.163	1.830	2.003
2042	1.311	0.443	2.245	1.365	2.764	0.933	2.041	1.743	2.077	1.759	1.926
2043	1.251	0.423	2.146	1.305	2.646	0.893	1.957	1.672	1.994	1.689	1.851
2044	1.192	0.404	2.049	1.247	2.530	0.855	1.874	1.603	1.912	1.621	1.777
2045	1.135	0.385	1.954	1.191	2.418	0.818	1.794	1.535	1.833	1.555	1.706
2046	1.080	0.366	1.863	1.136	2.309	0.782	1.716	1.469	1.756	1.490	1.636
2047	1.027	0.349	1.774	1.083	2.203	0.746	1.640	1.405	1.681	1.427	1.568
2048	0.975	0.331	1.688	1.031	2.099	0.712	1.566	1.343	1.607	1.366	1.502
2049	0.924	0.314	1.604	0.981	1.999	0.679	1.494	1.282	1.536	1.307	1.438
2050	0.875	0.298	1.523	0.932	1.902	0.646	1.424	1.223	1.467	1.249	1.375
2051	0.828	0.282	1.444	0.885	1.807	0.615	1.356	1.166	1.399	1.192	1.314
2052	0.782	0.267	1.367	0.839	1.716	0.584	1.290	1.110	1.334	1.138	1.255
2053	0.738	0.252	1.294	0.795	1.627	0.555	1.226	1.056	1.270	1.084	1.197
2054	0.695	0.238	1.222	0.752	1.541	0.526	1.164	1.004	1.208	1.032	1.141
2055	0.654	0.224	1.153	0.710	1.458	0.498	1.103	0.953	1.148	0.982	1.086
2056	0.614	0.211	1.086	0.670	1.377	0.471	1.045	0.904	1.090	0.933	1.033
2057	0.575	0.198	1.022	0.631	1.299	0.445	0.989	0.856	1.034	0.886	0.982
2058	0.538	0.186	0.959	0.594	1.224	0.420	0.934	0.810	0.979	0.840	0.932
2059	0.503	0.174	0.899	0.558	1.151	0.396	0.881	0.765	0.926	0.796	0.884
2060	0.468	0.162	0.841	0.523	1.081	0.372	0.830	0.722	0.875	0.753	0.837
2061	0.435	0.151	0.785	0.489	1.013	0.349	0.781	0.680	0.825	0.711	0.792
2062	0.403	0.140	0.731	0.456	0.948	0.328	0.733	0.639	0.778	0.671	0.748
2063	0.373	0.130	0.680	0.425	0.885	0.306	0.687	0.600	0.731	0.632	0.706
2064	0.344	0.120	0.630	0.395	0.824	0.286	0.643	0.563	0.687	0.595	0.665
2065	0.316	0.111	0.583	0.366	0.766	0.266	0.600	0.526	0.644	0.558	0.626
2066	0.290	0.102	0.537	0.339	0.710	0.248	0.559	0.491	0.602	0.523	0.587
2067	0.265	0.093	0.494	0.312	0.657	0.230	0.519	0.458	0.562	0.490	0.551
2068	0.241	0.085	0.453	0.287	0.606	0.212	0.482	0.425	0.524	0.457	0.515
2069	0.218	0.078	0.414	0.263	0.557	0.196	0.445	0.394	0.487	0.426	0.481
2070	0.197	0.070	0.376	0.240	0.510	0.180	0.411	0.365	0.451	0.396	0.448
2071	0.177	0.064	0.341	0.219	0.466	0.165	0.378	0.336	0.417	0.367	0.416



Estimation of Remaining Open Claim Counts - By Year End

**Classes B, C & D**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 1989	BY 1990	BY 1991	BY 1992	BY 1993	BY 1994	BY 1995	BY 1996	BY 1997	BY 1998	BY 1999
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
12/31/21	2.000	2.000	3.000	8.000	5.000	3.000	5.000	3.000	7.000	8.000	1.000
2022	1.981	1.982	2.973	7.930	4.957	2.975	4.959	2.976	6.944	7.937	0.992
2023	1.962	1.963	2.946	7.859	4.914	2.949	4.917	2.951	6.888	7.874	0.984
2024	1.943	1.944	2.918	7.787	4.870	2.924	4.875	2.927	6.832	7.811	0.977
2025	1.924	1.925	2.891	7.715	4.825	2.898	4.833	2.902	6.775	7.746	0.969
2026	1.904	1.906	2.862	7.641	4.780	2.871	4.790	2.876	6.717	7.682	0.961
2027	1.884	1.887	2.834	7.566	4.735	2.844	4.746	2.851	6.658	7.616	0.953
2028	1.864	1.867	2.805	7.491	4.689	2.817	4.701	2.825	6.598	7.549	0.945
2029	1.843	1.847	2.775	7.414	4.642	2.790	4.657	2.798	6.538	7.482	0.936
2030	1.823	1.827	2.746	7.336	4.594	2.762	4.611	2.771	6.477	7.413	0.928
2031	1.801	1.806	2.715	7.258	4.546	2.733	4.565	2.744	6.415	7.344	0.920
2032	1.780	1.785	2.685	7.178	4.497	2.705	4.518	2.717	6.353	7.274	0.911
2033	1.758	1.763	2.653	7.096	4.448	2.676	4.471	2.689	6.289	7.203	0.902
2034	1.735	1.742	2.622	7.014	4.397	2.646	4.423	2.661	6.225	7.131	0.893
2035	1.712	1.719	2.589	6.930	4.346	2.616	4.374	2.632	6.159	7.058	0.884
2036	1.688	1.696	2.556	6.844	4.294	2.586	4.325	2.603	6.093	6.984	0.875
2037	1.664	1.673	2.522	6.756	4.241	2.555	4.274	2.574	6.026	6.909	0.866
2038	1.639	1.649	2.487	6.666	4.186	2.523	4.223	2.544	5.958	6.833	0.857
2039	1.613	1.624	2.451	6.574	4.131	2.491	4.171	2.513	5.889	6.756	0.848
2040	1.586	1.598	2.414	6.479	4.073	2.458	4.117	2.482	5.818	6.677	0.838
2041	1.559	1.572	2.376	6.381	4.015	2.424	4.062	2.450	5.746	6.597	0.828
2042	1.531	1.545	2.337	6.281	3.954	2.389	4.006	2.418	5.672	6.515	0.818
2043	1.502	1.517	2.296	6.177	3.892	2.353	3.948	2.384	5.596	6.431	0.808
2044	1.472	1.488	2.255	6.070	3.828	2.316	3.889	2.350	5.519	6.346	0.798
2045	1.441	1.458	2.212	5.960	3.761	2.277	3.828	2.314	5.439	6.258	0.787
2046	1.409	1.427	2.168	5.847	3.693	2.238	3.764	2.278	5.358	6.168	0.776
2047	1.376	1.396	2.122	5.730	3.623	2.197	3.699	2.240	5.273	6.075	0.765
2048	1.342	1.363	2.075	5.609	3.551	2.156	3.632	2.202	5.186	5.979	0.753
2049	1.307	1.330	2.026	5.485	3.476	2.112	3.563	2.162	5.096	5.880	0.742
2050	1.271	1.295	1.976	5.357	3.399	2.068	3.492	2.121	5.004	5.779	0.729
2051	1.234	1.259	1.925	5.224	3.319	2.022	3.418	2.078	4.909	5.674	0.717
2052	1.195	1.222	1.872	5.088	3.237	1.975	3.343	2.034	4.811	5.566	0.704
2053	1.156	1.184	1.817	4.948	3.153	1.926	3.264	1.989	4.709	5.455	0.690
2054	1.115	1.145	1.761	4.803	3.066	1.876	3.184	1.943	4.605	5.340	0.677
2055	1.074	1.105	1.703	4.654	2.976	1.824	3.101	1.895	4.497	5.222	0.662
2056	1.031	1.064	1.643	4.501	2.884	1.771	3.015	1.846	4.386	5.099	0.648
2057	0.988	1.022	1.582	4.343	2.789	1.716	2.927	1.795	4.272	4.974	0.632
2058	0.943	0.979	1.519	4.180	2.691	1.659	2.836	1.742	4.154	4.844	0.617
2059	0.899	0.935	1.455	4.014	2.590	1.601	2.743	1.688	4.033	4.710	0.601
2060	0.853	0.890	1.390	3.845	2.488	1.541	2.647	1.632	3.908	4.573	0.584
2061	0.807	0.845	1.324	3.673	2.383	1.480	2.548	1.575	3.779	4.431	0.567
2062	0.760	0.800	1.257	3.499	2.276	1.418	2.447	1.516	3.646	4.285	0.550
2063	0.714	0.754	1.189	3.322	2.168	1.354	2.343	1.456	3.510	4.134	0.531
2064	0.666	0.707	1.120	3.142	2.058	1.290	2.239	1.395	3.370	3.980	0.513
2065	0.619	0.660	1.051	2.961	1.947	1.225	2.132	1.332	3.228	3.822	0.494
2066	0.572	0.613	0.981	2.778	1.835	1.159	2.024	1.269	3.084	3.661	0.474
2067	0.525	0.567	0.912	2.594	1.722	1.092	1.915	1.205	2.937	3.497	0.454
2068	0.479	0.520	0.842	2.410	1.608	1.024	1.805	1.140	2.789	3.331	0.434
2069	0.434	0.474	0.773	2.226	1.493	0.957	1.693	1.074	2.638	3.162	0.413
2070	0.390	0.430	0.705	2.044	1.380	0.889	1.581	1.008	2.486	2.991	0.392
2071	0.347	0.386	0.639	1.865	1.267	0.821	1.469	0.941	2.333	2.819	0.371

Estimation of Remaining Open Claim Counts - By Year End

**Classes B, C & D**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 1989	BY 1990	BY 1991	BY 1992	BY 1993	BY 1994	BY 1995	BY 1996	BY 1997	BY 1998	BY 1999
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2072	0.306	0.344	0.574	1.688	1.155	0.754	1.357	0.874	2.178	2.645	0.350
2073	0.267	0.303	0.511	1.517	1.046	0.687	1.246	0.807	2.023	2.470	0.328
2074	0.230	0.264	0.451	1.351	0.940	0.623	1.136	0.741	1.869	2.294	0.306
2075	0.196	0.228	0.393	1.191	0.837	0.559	1.029	0.676	1.716	2.119	0.285
2076	0.165	0.194	0.339	1.039	0.738	0.498	0.924	0.612	1.565	1.946	0.263
2077	0.136	0.163	0.289	0.896	0.644	0.439	0.823	0.550	1.418	1.775	0.241
2078	0.111	0.135	0.242	0.763	0.555	0.383	0.726	0.490	1.274	1.607	0.220
2079	0.088	0.110	0.200	0.641	0.473	0.330	0.633	0.432	1.134	1.444	0.199
2080	0.069	0.088	0.163	0.530	0.397	0.281	0.546	0.377	1.000	1.286	0.179
2081	0.053	0.069	0.130	0.431	0.328	0.236	0.465	0.325	0.873	1.134	0.159
2082	0.040	0.053	0.102	0.344	0.267	0.195	0.390	0.277	0.752	0.989	0.141
2083	0.029	0.039	0.078	0.270	0.213	0.159	0.323	0.232	0.641	0.853	0.123
2084	0.021	0.029	0.059	0.207	0.167	0.127	0.263	0.192	0.538	0.726	0.106
2085	0.012	0.020	0.043	0.155	0.128	0.099	0.210	0.156	0.445	0.610	0.090
2086	0.007	0.012	0.030	0.113	0.096	0.076	0.164	0.125	0.362	0.504	0.076
2087	0.004	0.007	0.018	0.080	0.070	0.057	0.126	0.098	0.289	0.410	0.063
2088	0.002	0.004	0.010	0.048	0.050	0.042	0.094	0.075	0.226	0.328	0.051
2089	0.001	0.002	0.006	0.027	0.030	0.030	0.069	0.056	0.173	0.257	0.041
2090	0.001	0.001	0.003	0.015	0.017	0.018	0.049	0.041	0.130	0.197	0.032
2091	0.001	0.001	0.001	0.007	0.009	0.010	0.029	0.029	0.095	0.147	0.024
2092	0.001	0.001	0.001	0.004	0.005	0.005	0.016	0.017	0.068	0.108	0.018
2093	0.001	0.001	0.001	0.004	0.002	0.003	0.009	0.010	0.040	0.077	0.013
2094	0.001	0.001	0.001	0.004	0.002	0.001	0.005	0.005	0.023	0.045	0.009
2095	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.003	0.012	0.026	0.006
2096	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.006	0.014	0.003
2097	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.007	0.002
2098	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.001
2099	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2100	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2101	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2102	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2103	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2104	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2105	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2106	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2107	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2108	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2109	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2110	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2111	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2112	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2113	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2114	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2115	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2116	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2117	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2118	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2119	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000
2120	0.001	0.001	0.001	0.004	0.002	0.001	0.002	0.001	0.003	0.003	0.000



Estimation of Remaining Open Claim Counts - By Year End

**Classes B, C & D**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 2000	BY 2001	BY 2002	BY 2003	BY 2004	BY 2005	BY 2006	BY 2007	BY 2008	BY 2009	BY 2010
(1)	(13)	(14)	(15)	(16)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
12/31/21	2.000	2.000	6.000	2.000	4.000	3.000	6.000	2.000	7.000	6.000	5.000
2022	1.985	1.985	5.956	1.986	3.972	2.979	5.960	1.987	6.956	5.964	4.971
2023	1.969	1.970	5.911	1.971	3.943	2.958	5.918	1.974	6.911	5.926	4.941
2024	1.954	1.955	5.866	1.956	3.914	2.937	5.876	1.960	6.864	5.888	4.910
2025	1.938	1.939	5.821	1.941	3.885	2.915	5.834	1.946	6.817	5.848	4.878
2026	1.923	1.924	5.775	1.926	3.855	2.893	5.791	1.932	6.768	5.808	4.845
2027	1.907	1.908	5.729	1.911	3.825	2.871	5.747	1.918	6.719	5.766	4.811
2028	1.891	1.893	5.683	1.896	3.795	2.849	5.704	1.903	6.670	5.725	4.777
2029	1.875	1.877	5.636	1.881	3.765	2.827	5.659	1.889	6.620	5.683	4.743
2030	1.858	1.861	5.589	1.865	3.734	2.804	5.615	1.874	6.569	5.640	4.708
2031	1.842	1.845	5.541	1.850	3.704	2.781	5.570	1.859	6.519	5.597	4.672
2032	1.825	1.828	5.493	1.834	3.673	2.759	5.525	1.845	6.467	5.554	4.637
2033	1.808	1.811	5.444	1.818	3.641	2.735	5.480	1.830	6.416	5.510	4.601
2034	1.791	1.794	5.394	1.801	3.610	2.712	5.434	1.815	6.364	5.466	4.565
2035	1.773	1.777	5.344	1.785	3.577	2.688	5.388	1.800	6.312	5.422	4.529
2036	1.755	1.760	5.293	1.768	3.545	2.664	5.341	1.784	6.259	5.378	4.492
2037	1.738	1.742	5.241	1.751	3.512	2.640	5.293	1.769	6.206	5.333	4.455
2038	1.719	1.724	5.189	1.734	3.478	2.615	5.244	1.753	6.151	5.287	4.418
2039	1.701	1.706	5.135	1.717	3.444	2.590	5.195	1.737	6.096	5.241	4.380
2040	1.682	1.688	5.082	1.699	3.410	2.565	5.146	1.721	6.041	5.194	4.342
2041	1.663	1.670	5.027	1.682	3.375	2.539	5.096	1.704	5.984	5.146	4.303
2042	1.644	1.651	4.972	1.664	3.339	2.513	5.045	1.688	5.927	5.098	4.264
2043	1.624	1.631	4.915	1.645	3.303	2.487	4.993	1.671	5.869	5.050	4.224
2044	1.604	1.612	4.858	1.627	3.267	2.460	4.941	1.654	5.811	5.000	4.183
2045	1.583	1.592	4.800	1.608	3.230	2.433	4.888	1.636	5.751	4.950	4.143
2046	1.562	1.571	4.740	1.588	3.193	2.406	4.834	1.619	5.691	4.900	4.101
2047	1.541	1.550	4.679	1.569	3.154	2.378	4.779	1.601	5.630	4.848	4.059
2048	1.518	1.529	4.617	1.549	3.115	2.349	4.724	1.583	5.568	4.796	4.017
2049	1.495	1.507	4.553	1.528	3.075	2.320	4.667	1.564	5.505	4.744	3.974
2050	1.472	1.484	4.488	1.507	3.034	2.290	4.609	1.545	5.441	4.690	3.930
2051	1.448	1.461	4.420	1.485	2.992	2.260	4.550	1.526	5.375	4.635	3.885
2052	1.423	1.437	4.350	1.463	2.949	2.229	4.489	1.507	5.309	4.580	3.840
2053	1.397	1.412	4.279	1.440	2.905	2.196	4.427	1.487	5.241	4.523	3.794
2054	1.370	1.386	4.205	1.416	2.859	2.163	4.363	1.466	5.171	4.465	3.747
2055	1.343	1.360	4.128	1.391	2.812	2.129	4.297	1.445	5.099	4.405	3.699
2056	1.315	1.333	4.050	1.366	2.763	2.094	4.230	1.423	5.026	4.344	3.650
2057	1.285	1.305	3.969	1.340	2.713	2.058	4.160	1.401	4.950	4.282	3.599
2058	1.255	1.276	3.885	1.313	2.661	2.021	4.088	1.378	4.872	4.217	3.547
2059	1.224	1.246	3.799	1.286	2.608	1.982	4.014	1.354	4.792	4.151	3.494
2060	1.192	1.215	3.710	1.257	2.553	1.942	3.938	1.329	4.709	4.082	3.439
2061	1.160	1.184	3.619	1.228	2.497	1.902	3.859	1.304	4.623	4.012	3.382
2062	1.126	1.151	3.524	1.198	2.438	1.859	3.778	1.278	4.535	3.939	3.323
2063	1.091	1.117	3.427	1.166	2.378	1.816	3.694	1.251	4.445	3.864	3.263
2064	1.055	1.083	3.327	1.134	2.316	1.771	3.607	1.223	4.351	3.787	3.201
2065	1.018	1.047	3.224	1.101	2.252	1.725	3.518	1.195	4.255	3.707	3.137
2066	0.980	1.010	3.117	1.067	2.186	1.677	3.427	1.165	4.155	3.625	3.071
2067	0.941	0.972	3.008	1.032	2.118	1.628	3.332	1.135	4.053	3.540	3.003
2068	0.901	0.934	2.896	0.995	2.049	1.578	3.235	1.104	3.947	3.453	2.933
2069	0.861	0.894	2.781	0.958	1.977	1.526	3.134	1.071	3.838	3.363	2.860
2070	0.820	0.854	2.663	0.920	1.903	1.472	3.031	1.038	3.726	3.270	2.786
2071	0.778	0.814	2.544	0.881	1.827	1.417	2.925	1.004	3.610	3.174	2.709

Estimation of Remaining Open Claim Counts - By Year End

**Classes B, C & D**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 2000	BY 2001	BY 2002	BY 2003	BY 2004	BY 2005	BY 2006	BY 2007	BY 2008	BY 2009	BY 2010
(1)	(13)	(14)	(15)	(16)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
2072	0.736	0.773	2.423	0.842	1.750	1.361	2.815	0.969	3.491	3.076	2.630
2073	0.694	0.731	2.301	0.802	1.672	1.304	2.704	0.932	3.369	2.974	2.548
2074	0.651	0.689	2.177	0.761	1.593	1.245	2.590	0.895	3.243	2.870	2.464
2075	0.608	0.646	2.051	0.720	1.512	1.186	2.474	0.858	3.114	2.763	2.378
2076	0.565	0.603	1.924	0.679	1.430	1.126	2.356	0.819	2.983	2.653	2.289
2077	0.522	0.561	1.797	0.637	1.348	1.065	2.237	0.780	2.849	2.541	2.198
2078	0.479	0.518	1.669	0.595	1.265	1.004	2.116	0.741	2.714	2.428	2.105
2079	0.437	0.475	1.542	0.552	1.181	0.942	1.994	0.701	2.577	2.312	2.011
2080	0.396	0.434	1.416	0.510	1.097	0.880	1.871	0.660	2.438	2.195	1.916
2081	0.355	0.393	1.292	0.469	1.013	0.817	1.747	0.620	2.297	2.077	1.819
2082	0.317	0.353	1.170	0.427	0.930	0.755	1.623	0.579	2.155	1.957	1.720
2083	0.279	0.314	1.051	0.387	0.849	0.693	1.499	0.538	2.012	1.836	1.621
2084	0.244	0.277	0.936	0.348	0.769	0.632	1.377	0.497	1.870	1.715	1.521
2085	0.210	0.242	0.825	0.310	0.690	0.572	1.256	0.456	1.727	1.593	1.420
2086	0.179	0.208	0.720	0.273	0.615	0.514	1.137	0.416	1.586	1.471	1.320
2087	0.150	0.178	0.621	0.238	0.542	0.458	1.022	0.377	1.446	1.351	1.219
2088	0.124	0.149	0.529	0.205	0.473	0.404	0.910	0.338	1.310	1.232	1.119
2089	0.101	0.123	0.444	0.175	0.408	0.352	0.802	0.301	1.177	1.116	1.021
2090	0.081	0.100	0.367	0.147	0.347	0.304	0.700	0.266	1.048	1.002	0.924
2091	0.063	0.080	0.298	0.121	0.292	0.259	0.604	0.232	0.924	0.893	0.830
2092	0.048	0.063	0.238	0.099	0.241	0.217	0.514	0.200	0.806	0.787	0.739
2093	0.036	0.048	0.187	0.079	0.196	0.180	0.432	0.170	0.695	0.687	0.652
2094	0.026	0.036	0.143	0.062	0.157	0.146	0.357	0.143	0.592	0.592	0.569
2095	0.019	0.026	0.107	0.047	0.123	0.117	0.290	0.118	0.497	0.504	0.491
2096	0.011	0.019	0.078	0.035	0.094	0.091	0.232	0.096	0.411	0.423	0.418
2097	0.006	0.011	0.056	0.026	0.070	0.070	0.182	0.077	0.334	0.350	0.351
2098	0.003	0.006	0.033	0.018	0.051	0.052	0.139	0.060	0.267	0.285	0.290
2099	0.002	0.003	0.019	0.011	0.037	0.038	0.104	0.046	0.209	0.227	0.236
2100	0.001	0.002	0.010	0.006	0.022	0.027	0.076	0.035	0.160	0.178	0.188
2101	0.001	0.001	0.005	0.003	0.012	0.016	0.054	0.025	0.120	0.137	0.148
2102	0.001	0.001	0.002	0.002	0.007	0.009	0.032	0.018	0.088	0.102	0.113
2103	0.001	0.001	0.002	0.001	0.003	0.005	0.018	0.011	0.062	0.075	0.085
2104	0.001	0.001	0.002	0.001	0.002	0.003	0.010	0.006	0.037	0.053	0.062
2105	0.001	0.001	0.002	0.001	0.002	0.001	0.005	0.003	0.021	0.032	0.044
2106	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.002	0.011	0.018	0.026
2107	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.006	0.010	0.015
2108	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.005	0.008
2109	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.002	0.004
2110	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.002	0.002
2111	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.002	0.002
2112	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.002	0.002
2113	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.002	0.002
2114	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.002	0.002
2115	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.002	0.002
2116	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.002	0.002
2117	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.002	0.002
2118	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.002	0.002
2119	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.002	0.002
2120	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.003	0.002	0.002

Estimation of Remaining Open Claim Counts - By Year End

**Classes B, C & D**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	BY 2018	BY 2019	BY 2020	BY 2021
(1)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)
12/31/21	7.000	6.000	2.000	5.000	8.000	3.000	8.675	12.350	9.700	11.400	8.100
2022	6.960	5.966	1.989	4.972	7.956	2.984	8.629	12.285	9.649	11.339	8.055
2023	6.919	5.932	1.978	4.945	7.913	2.968	8.582	12.219	9.598	11.279	8.012
2024	6.877	5.897	1.966	4.917	7.868	2.951	8.535	12.153	9.546	11.219	7.970
2025	6.834	5.862	1.955	4.889	7.824	2.935	8.488	12.087	9.495	11.160	7.928
2026	6.790	5.825	1.943	4.860	7.779	2.918	8.441	12.020	9.443	11.099	7.886
2027	6.744	5.787	1.931	4.831	7.734	2.902	8.394	11.954	9.391	11.039	7.843
2028	6.697	5.748	1.918	4.801	7.687	2.885	8.346	11.886	9.339	10.978	7.800
2029	6.650	5.708	1.905	4.769	7.639	2.867	8.297	11.818	9.286	10.917	7.757
2030	6.602	5.668	1.892	4.737	7.589	2.849	8.247	11.749	9.233	10.855	7.714
2031	6.553	5.627	1.879	4.704	7.538	2.831	8.195	11.678	9.179	10.793	7.671
2032	6.504	5.585	1.865	4.671	7.486	2.812	8.142	11.605	9.124	10.730	7.627
2033	6.454	5.543	1.851	4.637	7.433	2.792	8.087	11.530	9.066	10.665	7.582
2034	6.404	5.501	1.838	4.603	7.379	2.772	8.031	11.452	9.008	10.599	7.536
2035	6.354	5.459	1.824	4.569	7.325	2.752	7.974	11.372	8.947	10.530	7.489
2036	6.304	5.416	1.809	4.534	7.270	2.732	7.916	11.292	8.885	10.459	7.440
2037	6.253	5.373	1.795	4.499	7.214	2.711	7.858	11.210	8.822	10.386	7.390
2038	6.201	5.329	1.781	4.463	7.159	2.691	7.799	11.127	8.758	10.312	7.339
2039	6.150	5.286	1.767	4.428	7.102	2.670	7.739	11.044	8.693	10.238	7.287
2040	6.097	5.241	1.752	4.392	7.046	2.649	7.680	10.960	8.628	10.162	7.234
2041	6.044	5.197	1.737	4.356	6.989	2.628	7.619	10.875	8.562	10.086	7.181
2042	5.990	5.151	1.723	4.320	6.932	2.607	7.559	10.790	8.496	10.009	7.127
2043	5.935	5.105	1.707	4.283	6.874	2.585	7.498	10.704	8.429	9.932	7.073
2044	5.879	5.058	1.692	4.245	6.815	2.564	7.436	10.617	8.362	9.854	7.018
2045	5.823	5.011	1.677	4.207	6.755	2.542	7.374	10.530	8.295	9.776	6.963
2046	5.767	4.963	1.661	4.169	6.695	2.520	7.311	10.442	8.227	9.697	6.908
2047	5.709	4.915	1.645	4.130	6.634	2.497	7.247	10.353	8.158	9.617	6.852
2048	5.650	4.866	1.629	4.090	6.572	2.474	7.182	10.262	8.088	9.537	6.796
2049	5.591	4.816	1.613	4.050	6.509	2.451	7.116	10.171	8.018	9.455	6.739
2050	5.531	4.765	1.596	4.010	6.445	2.428	7.050	10.078	7.946	9.372	6.681
2051	5.470	4.714	1.580	3.969	6.381	2.404	6.983	9.984	7.873	9.289	6.623
2052	5.408	4.662	1.563	3.927	6.316	2.380	6.915	9.888	7.800	9.204	6.564
2053	5.345	4.610	1.545	3.885	6.249	2.356	6.845	9.792	7.725	9.118	6.504
2054	5.281	4.556	1.528	3.842	6.182	2.331	6.775	9.694	7.650	9.031	6.443
2055	5.216	4.501	1.510	3.799	6.114	2.306	6.704	9.595	7.573	8.943	6.381
2056	5.149	4.445	1.492	3.755	6.045	2.281	6.632	9.494	7.496	8.853	6.319
2057	5.080	4.388	1.474	3.710	5.975	2.255	6.559	9.392	7.417	8.763	6.256
2058	5.010	4.330	1.455	3.664	5.903	2.228	6.485	9.289	7.338	8.671	6.192
2059	4.938	4.270	1.435	3.617	5.830	2.202	6.410	9.184	7.257	8.578	6.127
2060	4.863	4.208	1.415	3.568	5.755	2.174	6.333	9.077	7.175	8.483	6.061
2061	4.787	4.145	1.395	3.519	5.678	2.146	6.254	8.968	7.091	8.387	5.994
2062	4.708	4.080	1.374	3.468	5.600	2.118	6.174	8.856	7.006	8.290	5.927
2063	4.626	4.012	1.352	3.416	5.519	2.089	6.092	8.743	6.919	8.190	5.858
2064	4.542	3.943	1.330	3.362	5.436	2.058	6.007	8.626	6.830	8.088	5.787
2065	4.456	3.871	1.307	3.307	5.350	2.027	5.921	8.507	6.739	7.985	5.715
2066	4.367	3.798	1.283	3.250	5.262	1.996	5.831	8.384	6.646	7.878	5.642
2067	4.275	3.722	1.259	3.191	5.171	1.963	5.740	8.258	6.550	7.769	5.567
2068	4.180	3.644	1.234	3.130	5.077	1.929	5.645	8.128	6.452	7.657	5.490
2069	4.082	3.563	1.208	3.067	4.981	1.894	5.547	7.994	6.350	7.542	5.411
2070	3.982	3.479	1.181	3.003	4.881	1.858	5.447	7.855	6.245	7.423	5.329
2071	3.878	3.394	1.153	2.936	4.778	1.820	5.343	7.713	6.137	7.301	5.245

Estimation of Remaining Open Claim Counts - By Year End

**Classes B, C & D**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	BY 2018	BY 2019	BY 2020	BY 2021
(1)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)
2072	3.771	3.305	1.125	2.868	4.672	1.782	5.236	7.566	6.026	7.174	5.159
2073	3.661	3.214	1.096	2.797	4.563	1.743	5.126	7.415	5.911	7.044	5.069
2074	3.547	3.120	1.065	2.724	4.450	1.702	5.012	7.259	5.793	6.910	4.978
2075	3.430	3.023	1.034	2.649	4.334	1.660	4.895	7.098	5.671	6.772	4.883
2076	3.310	2.924	1.002	2.571	4.215	1.617	4.774	6.932	5.545	6.629	4.785
2077	3.186	2.821	0.969	2.492	4.092	1.572	4.650	6.761	5.416	6.482	4.684
2078	3.059	2.716	0.935	2.409	3.965	1.526	4.522	6.585	5.282	6.331	4.581
2079	2.931	2.608	0.900	2.325	3.834	1.479	4.389	6.403	5.144	6.175	4.474
2080	2.799	2.498	0.864	2.238	3.699	1.430	4.253	6.216	5.002	6.014	4.363
2081	2.666	2.386	0.828	2.149	3.561	1.380	4.113	6.023	4.856	5.848	4.249
2082	2.532	2.273	0.791	2.058	3.420	1.328	3.969	5.824	4.706	5.677	4.132
2083	2.395	2.158	0.753	1.966	3.276	1.275	3.820	5.620	4.550	5.501	4.011
2084	2.257	2.041	0.715	1.873	3.129	1.222	3.669	5.410	4.391	5.319	3.887
2085	2.117	1.923	0.677	1.778	2.980	1.167	3.514	5.195	4.227	5.133	3.759
2086	1.977	1.805	0.638	1.682	2.830	1.112	3.357	4.976	4.059	4.941	3.627
2087	1.837	1.685	0.598	1.585	2.677	1.055	3.197	4.754	3.888	4.745	3.491
2088	1.697	1.566	0.559	1.487	2.522	0.998	3.035	4.528	3.714	4.545	3.353
2089	1.558	1.446	0.519	1.389	2.367	0.941	2.872	4.299	3.537	4.341	3.211
2090	1.421	1.328	0.479	1.290	2.210	0.883	2.706	4.067	3.358	4.135	3.068
2091	1.287	1.211	0.440	1.192	2.053	0.824	2.539	3.832	3.177	3.926	2.922
2092	1.156	1.097	0.401	1.094	1.896	0.766	2.371	3.595	2.994	3.714	2.774
2093	1.029	0.985	0.364	0.998	1.741	0.707	2.202	3.357	2.809	3.500	2.624
2094	0.908	0.877	0.327	0.904	1.588	0.649	2.035	3.119	2.623	3.284	2.473
2095	0.792	0.774	0.291	0.812	1.438	0.592	1.868	2.881	2.437	3.066	2.320
2096	0.683	0.675	0.256	0.723	1.292	0.536	1.704	2.645	2.251	2.848	2.167
2097	0.582	0.582	0.224	0.638	1.151	0.482	1.543	2.413	2.067	2.631	2.013
2098	0.488	0.496	0.193	0.556	1.015	0.429	1.386	2.185	1.885	2.416	1.859
2099	0.404	0.416	0.164	0.480	0.885	0.378	1.234	1.963	1.707	2.204	1.707
2100	0.328	0.344	0.138	0.409	0.763	0.330	1.088	1.748	1.534	1.996	1.557
2101	0.262	0.280	0.114	0.343	0.650	0.285	0.950	1.541	1.366	1.793	1.410
2102	0.205	0.224	0.093	0.284	0.546	0.242	0.819	1.345	1.204	1.596	1.267
2103	0.157	0.175	0.074	0.231	0.451	0.204	0.697	1.160	1.051	1.408	1.128
2104	0.118	0.134	0.058	0.184	0.367	0.168	0.586	0.988	0.906	1.228	0.995
2105	0.086	0.101	0.044	0.144	0.293	0.137	0.484	0.829	0.772	1.059	0.868
2106	0.061	0.073	0.033	0.111	0.230	0.109	0.394	0.686	0.648	0.902	0.748
2107	0.036	0.052	0.024	0.083	0.176	0.086	0.315	0.558	0.536	0.757	0.637
2108	0.021	0.031	0.017	0.061	0.132	0.066	0.246	0.445	0.436	0.626	0.535
2109	0.011	0.018	0.010	0.043	0.096	0.049	0.189	0.349	0.348	0.509	0.443
2110	0.006	0.009	0.006	0.026	0.069	0.036	0.141	0.267	0.272	0.407	0.360
2111	0.003	0.005	0.003	0.014	0.041	0.026	0.103	0.200	0.209	0.319	0.287
2112	0.003	0.002	0.002	0.008	0.023	0.015	0.073	0.146	0.156	0.244	0.225
2113	0.003	0.002	0.001	0.004	0.012	0.009	0.044	0.104	0.114	0.183	0.173
2114	0.003	0.002	0.001	0.002	0.006	0.005	0.025	0.062	0.081	0.134	0.129
2115	0.003	0.002	0.001	0.002	0.003	0.002	0.013	0.035	0.048	0.095	0.094
2116	0.003	0.002	0.001	0.002	0.003	0.001	0.007	0.019	0.027	0.056	0.067
2117	0.003	0.002	0.001	0.002	0.003	0.001	0.003	0.010	0.015	0.032	0.040
2118	0.003	0.002	0.001	0.002	0.003	0.001	0.003	0.005	0.008	0.017	0.023
2119	0.003	0.002	0.001	0.002	0.003	0.001	0.003	0.005	0.004	0.009	0.012
2120	0.003	0.002	0.001	0.002	0.003	0.001	0.003	0.005	0.004	0.004	0.006

Estimation of Outstanding Loss & ALAE Reserves - Burial Expense and Parental Award

After Estimated Investment Income

Evaluated as of December 31, 2021

Birth Year	Estimated Outstanding Loss & ALAE Related to Death Benefit (a)		AAA, AAD & DA	Estimated Outstanding Loss & ALAE Related to Parental Award		Case (c) Outstanding on DA Claims as of 12 31 21	Additional Outstanding Loss & ALAE Not Included in Expense Category Analysis	
	Nominal (a)	Discounted (b)	Estimated Unreported Claims as of 12 31 21	Case Outstanding on Reported Open (c)	Outstanding on Unreported Claims (4) X 250,000		Nominal (2)+(5)+(6)+(7)	Discounted (3)+(5)+(6)+(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	150,000	53,507	0	5,570	0	50,000	205,570	109,077
1990	150,000	52,667	0	0	0	100,000	250,000	152,667
1991	200,000	64,319	0	150,231	0	0	350,231	214,550
1992	450,000	124,247	0	0	0	0	450,000	124,247
1993	350,000	112,493	0	75,000	0	0	425,000	187,493
1994	150,000	35,042	0	0	0	187,500	337,500	222,542
1995	250,000	57,168	0	0	0	50,000	300,000	107,168
1996	300,000	110,649	0	225,000	0	100,000	625,000	435,649
1997	400,000	102,216	0	299,976	0	100,000	799,976	502,192
1998	550,000	161,659	0	48,939	0	100,000	698,939	310,598
1999	150,000	60,564	0	0	0	100,000	250,000	160,564
2000	150,000	45,452	0	8	0	75,000	225,008	120,460
2001	200,000	69,435	0	0	0	50,000	250,000	119,435
2002	600,000	205,903	0	81,501	0	40,000	721,501	327,404
2003	150,000	43,669	0	66	0	80,000	230,066	123,735
2004	250,000	62,222	0	78,788	0	40,000	368,788	181,010
2005	350,000	123,288	0	150,000	0	0	500,000	273,288
2006	450,000	125,976	0	331,823	0	0	781,823	457,799
2007	350,000	134,985	0	140,000	0	0	490,000	274,985
2008	450,000	108,290	0	405,404	0	0	855,404	513,694
2009	500,000	143,931	0	140,000	0	40,000	680,000	323,931
2010	250,000	42,464	0	164,957	0	20,000	434,957	227,421
2011	500,000	125,968	0	396,686	0	0	896,686	522,654
2012	350,000	71,304	0	319,954	0	20,000	689,954	411,258
2013	350,000	126,863	0	0	0	20,000	370,000	146,863
2014	400,000	105,149	0	17	0	40,000	440,017	145,166
2015	700,000	192,281	0	452,964	0	120,000	1,272,964	765,245
2016	250,000	65,853	0	430,967	0	48,543	729,510	545,363
2017	650,000	156,927	1	608,702	250,000	3,639	1,512,341	1,019,268
2018	800,000	167,415	3	549,650	750,000	383,781	2,483,431	1,850,846
2019	700,000	159,951	5	127,421	1,250,000	20,075	2,097,496	1,557,447
2020	750,000	155,426	11		2,750,000	800,815	4,300,815	3,706,242
2021	600,000	136,987	17		4,250,000	330,360	5,180,360	4,717,346
	12,850,000	3,504,272	37	5,183,624	9,250,000	2,919,713	30,203,337	20,857,609

Notes: (a) See Section IV, Exhibit VI, Sheet 2, Column (4) multiplied by \$ 50,000 nominal death benefit.

(b) See Section IV, Exhibit VI, Sheet 2, Column (9).

(c) Based on NICA case reserve information as of December 31, 2021.

Estimation of Outstanding Loss & ALAE Reserves - Death Benefit  
 After Estimated Investment Income  
 Evaluated as of December 31, 2021

Burial Expense - Related to Open Accepted Claimants  
 Excluding Remaining Amounts due Deceased Claimants  
 By Claim Class Category  
 Based on Current Investment Income Assumption (5.0 % Annual Return)

Birth Year	Estimate O/S Claim Counts as of 12/31/2021 (a)			Estimated Average Discount Factor at (b) 5 % Investment Return		Estimated Discounted O/S Losses as of 12/31/2021		
	Class A	Classes B, C & D	Combined	Class A	Classes B, C & D	Class A (2) X (5) X 50,000	Classes B, C & D (3) X (6) X 50,000	Combined (7) + (8)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	1	2	3	0.5486	0.2608	27,432	26,075	53,507
1990	1	2	3	0.5434	0.2550	27,168	25,499	52,667
1991	1	3	4	0.5382	0.2494	26,910	37,410	64,319
1992	1	8	9	0.5331	0.2440	26,656	97,591	124,247
1993	2	5	7	0.5281	0.2387	52,814	59,679	112,493
1994	0	3	3	0.0000	0.2336	0	35,042	35,042
1995	0	5	5	0.0000	0.2287	0	57,168	57,168
1996	3	3	6	0.5138	0.2239	77,064	33,585	110,649
1997	1	7	8	0.5092	0.2193	25,459	76,757	102,216
1998	3	8	11	0.5047	0.2149	75,706	85,954	161,659
1999	2	1	3	0.5003	0.2106	50,033	10,531	60,564
2000	1	2	3	0.4960	0.2065	24,802	20,650	45,452
2001	2	2	4	0.4918	0.2025	49,184	20,251	69,435
2002	6	6	12	0.4877	0.1986	146,315	59,589	205,903
2003	1	2	3	0.4837	0.1949	24,183	19,486	43,669
2004	1	4	5	0.4797	0.1912	23,984	38,239	62,222
2005	4	3	7	0.4757	0.1876	95,147	28,140	123,288
2006	3	6	9	0.4718	0.1840	70,765	55,211	125,976
2007	5	2	7	0.4677	0.1805	116,937	18,048	134,985
2008	2	7	9	0.4637	0.1769	46,369	61,921	108,290
2009	4	6	10	0.4596	0.1734	91,921	52,010	143,931
2010	0	5	5	0.0000	0.1699	0	42,464	42,464
2011	3	7	10	0.4515	0.1664	67,718	58,250	125,968
2012	1	6	7	0.4474	0.1631	22,372	48,933	71,304
2013	5	2	7	0.4435	0.1599	110,872	15,991	126,863
2014	3	5	8	0.4396	0.1568	65,940	39,209	105,149
2015	6	8	14	0.4358	0.1539	130,731	61,549	192,281
2016	2	3	5	0.4320	0.1510	43,200	22,652	65,853
2017	4.33	8.68	13.00	0.4283	0.1483	92,619	64,308	156,927
2018	3.65	12.35	16.00	0.4246	0.1456	77,499	89,917	167,415
2019	4.30	9.70	14.00	0.4211	0.1431	90,538	69,413	159,951
2020	3.60	11.40	15.00	0.4177	0.1408	75,179	80,247	155,426
2021	3.90	8.10	12.00	0.4144	0.1387	80,809	56,178	136,987
	83.78	173.23	257.00			1,936,325	1,567,946	3,504,272

Notes: (a) Based on actual reported and estimated unreported NICA claimants as of December 31, 2021.

(b) Estimated discount based on mortality factors as shown in Section VIII.

Evaluated As of December 31, 2021

**After Consideration of Class Action and SB 1786**

Year of Birth	Actual Paid (a) Loss & ALAE @ 12/31/21	2021 Level Case O/S (b) Loss & ALAE	2021 Level IBNR / Bulk (c) Outstanding	2021 Level Outstanding Loss & ALAE (3) + (4)	Indicated 2021 Level Incurred Loss & ALAE (2) + (3)	Indicated 2021 Level Ultimate Loss & ALAE (2) + (5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	16,885,994	13,842,395	4,009,141	17,851,536	30,728,389	34,737,530
1990	7,614,059	9,234,445	2,618,295	11,852,740	16,848,503	19,466,798
1991	11,583,942	16,572,044	2,937,697	19,509,742	28,155,986	31,093,684
1992	19,655,224	39,595,716	8,187,318	47,783,035	59,250,940	67,438,258
1993	25,162,173	35,066,637	9,391,712	44,458,348	60,228,810	69,620,522
1994	9,013,849	18,464,866	4,996,139	23,461,004	27,478,715	32,474,853
1995	13,455,395	26,789,092	6,246,316	33,035,408	40,244,487	46,490,803
1996	12,280,555	22,009,825	6,492,436	28,502,261	34,290,380	40,782,816
1997	16,023,557	41,847,836	11,264,192	53,112,029	57,871,394	69,135,586
1998	27,288,891	56,474,136	20,570,783	77,044,918	83,763,026	104,333,809
1999	14,547,024	12,555,307	9,435,219	21,990,526	27,102,331	36,537,550
2000	8,115,680	11,049,895	6,941,273	17,991,168	19,165,575	26,106,848
2001	10,391,789	21,689,387	7,974,128	29,663,515	32,081,176	40,055,305
2002	22,212,715	55,180,104	21,840,689	77,020,792	77,392,818	99,233,507
2003	6,523,162	10,424,005	3,587,144	14,011,150	16,947,167	20,534,312
2004	7,253,282	28,979,402	7,481,407	36,460,809	36,232,684	43,714,091
2005	10,942,541	28,874,392	11,576,573	40,450,965	39,816,933	51,393,506
2006	12,767,247	47,032,444	13,597,804	60,630,248	59,799,691	73,397,495
2007	13,611,989	30,562,915	11,449,903	42,012,818	44,174,904	55,624,807
2008	9,013,337	54,039,659	15,767,600	69,807,259	63,052,996	78,820,595
2009	11,497,957	53,971,169	18,685,870	72,657,039	65,469,126	84,154,996
2010	4,312,574	25,327,020	8,620,367	33,947,387	29,639,594	38,259,961
2011	7,462,398	48,033,219	14,389,136	62,422,355	55,495,618	69,884,754
2012	5,096,672	39,007,545	9,273,214	48,280,759	44,104,217	53,377,430
2013	7,662,639	32,228,484	11,527,702	43,756,186	39,891,123	51,418,825
2014	8,370,886	37,511,528	16,976,110	54,487,638	45,882,414	62,858,524
2015	8,449,447	73,520,821	32,754,350	106,275,171	81,970,267	114,724,618
2016	2,175,886	26,499,134	14,143,075	40,642,209	28,675,020	42,818,095
2017	4,881,618	57,671,549	41,262,065	98,933,614	62,553,167	103,815,232
2018	6,175,043	78,707,935	80,647,736	159,355,671	84,882,978	165,530,714
2019	4,443,644	46,120,760	85,468,923	131,589,683	50,564,404	136,033,327
2020	1,140,612	19,576,472	82,467,618	102,044,090	20,717,084	103,184,702
2021	994,030	447,244	72,631,612	73,078,856	1,441,273	74,072,885
Totals:	347,005,809	1,118,907,381	675,213,548	1,794,120,930	1,465,913,190	2,141,126,739

Notes: (a) See Section V, Exhibit I, Sheet 3, Column (6) plus Section V, Exhibit I, Sheet 2, Column (6).

(b) See Section V, Exhibit I, Sheet 3, Column (8) plus Section V, Exhibit I, Sheet 2, Column (7).

(c) See Section V, Exhibit I, Sheet 3, Column (9).

**Amounts Related to Class Action and SB 1786**

Evaluated As of December 31, 2021

Year of Birth	Amounts Related to Class Action (a)		One-time Changes Related to SB 1786 (a)		Combined Amounts Related to Class Action & SB 1786		
	Paid	2021 Level	Paid	2021 Level	Paid	2021 Level	Incurred
	Loss & ALAE @ 12/31/21	Case O/S Loss & ALAE	Loss & ALAE @ 12/31/21	Case O/S Loss & ALAE	Loss & ALAE @ 12/31/21	Case O/S Loss & ALAE	Loss & ALAE @ 12/31/21
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	261,214	-	930,049	1,494,192	1,191,263	1,494,192	2,685,454
1990	758,051	-	698,915	993,423	1,456,966	993,423	2,450,388
1991	792,094	-	823,577	2,232,724	1,615,671	2,232,724	3,848,394
1992	1,951,145	-	1,719,558	4,025,710	3,670,703	4,025,710	7,696,413
1993	910,230	-	1,610,466	3,574,724	2,520,696	3,574,724	6,095,420
1994	634,196	-	796,810	1,794,599	1,431,006	1,794,599	3,225,604
1995	910,904	-	1,201,365	2,796,076	2,112,269	2,796,076	4,908,345
1996	797,021	-	1,132,770	2,630,230	1,929,791	2,630,230	4,560,021
1997	1,624,160	-	1,431,375	4,687,682	3,055,536	4,687,682	7,743,218
1998	2,006,630	-	2,057,233	5,612,732	4,063,862	5,612,732	9,676,594
1999	873,581	-	1,045,971	1,345,318	1,919,552	1,345,318	3,264,870
2000	589,907	10,000	985,160	1,122,327	1,575,067	1,132,327	2,707,394
2001	115,547	-	1,035,817	2,103,789	1,151,364	2,103,789	3,255,153
2002	840,587	-	2,418,470	5,492,323	3,259,057	5,492,323	8,751,380
2003	-	-	706,488	1,398,168	706,488	1,398,168	2,104,656
2004	-	-	994,952	2,628,083	994,952	2,628,083	3,623,035
2005	-	-	1,227,713	2,875,592	1,227,713	2,875,592	4,103,305
2006	-	-	1,285,227	4,954,570	1,285,227	4,954,570	6,239,797
2007	-	-	1,265,883	3,202,574	1,265,883	3,202,574	4,468,457
2008	-	-	1,132,479	5,097,758	1,132,479	5,097,758	6,230,237
2009	-	-	1,686,986	5,019,630	1,686,986	5,019,630	6,706,615
2010	-	-	880,648	2,717,699	880,648	2,717,699	3,598,347
2011	-	-	1,425,485	4,636,094	1,425,485	4,636,094	6,061,579
2012	-	-	967,709	4,133,561	967,709	4,133,561	5,101,270
2013	-	-	1,272,304	3,001,199	1,272,304	3,001,199	4,273,503
2014	-	-	1,527,350	3,618,961	1,527,350	3,618,961	5,146,311
2015	-	-	2,025,990	6,656,314	2,025,990	6,656,314	8,682,304
2016	-	-	698,914	2,808,849	698,914	2,808,849	3,507,763
2017	-	-	1,253,801	5,504,646	1,253,801	5,504,646	6,758,447
2018	-	-	1,775,719	6,996,755	1,775,719	6,996,755	8,772,474
2019	-	-	1,550,195	3,648,399	1,550,195	3,648,399	5,198,594
2020	-	-	580,000	1,510,000	580,000	1,510,000	2,090,000
2021	-	-	380,000	190,000	380,000	190,000	570,000
Totals:	13,065,266	10,000	40,525,378	110,504,700	53,590,644	110,514,700	164,105,344

Notes: (a) See Section VII, Exhibit I, Sheets 1, 2 and 3.



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 December 31, 2021

**Before Consideration of Class Action and SB 1786**

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 @ 12/31/21	Indicated	2021 Level Case O/S (e) Loss & ALAE @ 12/31/21	2021 Level IBNR / Bulk Oustanding (5) - (8)
						2021 Level Ultimate Loss & ALAE (5) + (6)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	11,298,394	0.81%	1.448	16,357,345	15,694,731	32,052,076	12,348,204	4,009,141
1990	7,561,416	0.53%	1.436	10,859,317	6,157,093	17,016,410	8,241,022	2,618,295
1991	12,094,068	0.47%	1.429	17,277,018	9,968,271	27,245,289	14,339,321	2,937,697
1992	30,775,195	0.42%	1.422	43,757,325	15,984,521	59,741,845	35,570,007	8,187,318
1993	28,873,505	0.39%	1.416	40,883,624	22,641,477	63,525,102	31,491,913	9,391,712
1994	15,361,635	0.35%	1.410	21,666,405	7,582,844	29,249,249	16,670,267	4,996,139
1995	21,513,980	0.37%	1.406	30,239,332	11,343,126	41,582,458	23,993,016	6,246,316
1996	18,474,412	0.24%	1.400	25,872,031	10,350,764	36,222,795	19,379,595	6,492,436
1997	34,661,834	0.26%	1.397	48,424,347	12,968,022	61,392,368	37,160,155	11,264,192
1998	51,262,549	0.35%	1.393	71,432,186	23,225,029	94,657,215	50,861,404	20,570,783
1999	14,867,001	0.42%	1.389	20,645,208	12,627,472	33,272,680	11,209,989	9,435,219
2000	12,190,760	0.30%	1.383	16,858,841	6,540,613	23,399,454	9,917,568	6,941,273
2001	19,989,047	0.38%	1.379	27,559,726	9,240,426	36,800,152	19,585,598	7,974,128
2002	52,074,352	0.29%	1.374	71,528,469	18,953,658	90,482,127	49,687,781	21,840,689
2003	9,209,031	4.94%	1.370	12,612,982	5,816,674	18,429,656	9,025,838	3,587,144
2004	25,922,724	0.87%	1.305	33,832,726	6,258,330	40,091,056	26,351,319	7,481,407
2005	29,039,633	4.86%	1.294	37,575,372	9,714,828	47,290,200	25,998,799	11,576,573
2006	45,118,174	0.50%	1.234	55,675,678	11,482,020	67,157,698	42,077,874	13,597,804
2007	31,608,846	4.55%	1.228	38,810,244	12,346,106	51,156,349	27,360,341	11,449,903
2008	55,101,279	0.35%	1.174	64,709,501	7,880,857	72,590,358	48,941,901	15,767,600
2009	57,796,128	0.29%	1.170	67,637,409	9,810,971	77,448,381	48,951,539	18,685,870
2010	26,762,565	0.42%	1.167	31,229,688	3,431,926	34,661,614	22,609,321	8,620,367
2011	49,729,938	9.83%	1.162	57,786,261	6,036,913	63,823,174	43,397,125	14,389,136
2012	41,726,985	0.72%	1.058	44,147,197	4,128,963	48,276,160	34,873,984	9,273,214
2013	38,799,097	0.19%	1.050	40,754,987	6,390,335	47,145,322	29,227,285	11,527,702
2014	48,519,478	0.17%	1.048	50,868,678	6,843,536	57,712,213	33,892,567	16,976,110
2015	95,181,236	2.01%	1.047	99,618,857	6,423,457	106,042,314	66,864,506	32,754,350
2016	36,873,363	0.22%	1.026	37,833,361	1,476,972	39,310,333	23,690,286	14,143,075
2017	91,262,128	0.22%	1.024	93,428,968	3,627,817	97,056,785	52,166,903	41,262,065
2018	149,151,968	1.01%	1.022	152,358,916	4,399,324	156,758,240	71,711,179	80,647,736
2019	126,519,063	0.19%	1.011	127,941,285	2,893,449	130,834,734	42,472,362	85,468,923
2020	99,604,183	0.93%	1.009	100,534,090	560,612	101,094,702	18,066,472	82,467,618
2021	72,888,856		1.000	72,888,856	614,030	73,502,885	257,244	72,631,612
Totals:								
All Years	1,461,812,822			1,683,606,230	293,415,165	1,977,021,395	1,008,392,681	675,213,548
1989 to 1998	231,876,987			326,768,931	135,915,876	462,684,808	250,054,902	76,714,029
1999 to 2021	1,229,935,836			1,356,837,299	157,499,289	1,514,336,587	758,337,779	598,499,519

Notes: (a) See Section V, Exhibit II, 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.

(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 excluding retroactive payments as provided by NICA as of December 31, 2021.

See Section VII.

(e) The 2021 level case outstanding as provided by NICA as of December 31, 2021. See Section VII.

Development of Unallocated Loss Adjustment Expense (ULAE) Reserve  
Portion Related to Claims Settlement  
Evaluated As of December 31, 2021

Assumptions:

1. Estimated Calendar Year 2021 Level ULAE Payment (a):	828,746
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			After Mortality	
				Prospective Level Expense (2) x (3)	Present Value of Prospective Level Expense (5) x (4)	Weighted Average Probability of Survival	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	828,746	1.015	0.976	841,085	820,815	0.992	834,501	814,389
2	828,746	1.045	0.929	866,318	805,181	0.977	846,056	786,348
3	828,746	1.077	0.885	892,307	789,844	0.961	857,721	759,229
4	828,746	1.109	0.843	919,077	774,799	0.946	869,489	732,996
5	828,746	1.142	0.803	946,649	760,041	0.931	881,354	707,618
6	828,746	1.177	0.765	975,048	745,564	0.916	893,312	683,065
7	828,746	1.212	0.728	1,004,300	731,363	0.901	905,360	659,312
8	828,746	1.248	0.694	1,034,429	717,432	0.887	917,493	636,331
9	828,746	1.286	0.661	1,065,462	703,767	0.873	929,705	614,096
10	828,746	1.324	0.629	1,097,426	690,362	0.858	941,990	592,582
11	828,746	1.364	0.599	1,130,348	677,212	0.844	954,340	571,762
12	828,746	1.405	0.571	1,164,259	664,313	0.830	966,745	551,614
13	828,746	1.447	0.543	1,199,187	651,659	0.817	979,198	532,114
14	828,746	1.490	0.518	1,235,162	639,247	0.803	991,694	513,242
15	828,746	1.535	0.493	1,272,217	627,070	0.789	1,004,229	494,980
16	828,746	1.581	0.469	1,310,384	615,126	0.776	1,016,801	477,311
17	828,746	1.629	0.447	1,349,695	603,410	0.763	1,029,407	460,218
18	828,746	1.677	0.426	1,390,186	591,916	0.750	1,042,041	443,682
19	828,746	1.728	0.406	1,431,891	580,641	0.737	1,054,693	427,685
20	828,746	1.780	0.386	1,474,848	569,582	0.724	1,067,350	412,207
21	828,746	1.833	0.368	1,519,094	558,732	0.711	1,079,993	397,228
22	828,746	1.888	0.350	1,564,666	548,090	0.698	1,092,605	382,731
23	828,746	1.945	0.334	1,611,606	537,650	0.686	1,105,165	368,696
24	828,746	2.003	0.318	1,659,955	527,409	0.673	1,117,648	355,105
25	828,746	2.063	0.303	1,709,753	517,363	0.661	1,130,028	341,941
26	828,746	2.125	0.288	1,761,046	507,509	0.649	1,142,272	329,187
27	828,746	2.189	0.274	1,813,877	497,842	0.636	1,154,345	316,825
28	828,746	2.254	0.261	1,868,294	488,359	0.624	1,166,212	304,840
29	828,746	2.322	0.249	1,924,342	479,057	0.612	1,177,834	293,217
30	828,746	2.392	0.237	1,982,073	469,932	0.600	1,189,173	281,943
31	828,746	2.463	0.226	2,041,535	460,981	0.588	1,200,185	271,003
32	828,746	2.537	0.215	2,102,781	452,201	0.576	1,210,824	260,386
33	828,746	2.613	0.205	2,165,864	443,587	0.564	1,221,038	250,079
34	828,746	2.692	0.195	2,230,840	435,138	0.552	1,230,772	240,069
35	828,746	2.773	0.186	2,297,765	426,850	0.540	1,239,966	230,345
Subtotals (1 - 35)	29,006,110			50,853,770	21,110,045		36,441,538	16,494,375

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.

Development of Unallocated Loss Adjustment Expense (ULAE) Reserve  
Portion Related to Claims Settlement  
Evaluated As of December 31, 2021

Assumptions:

1. Estimated Calendar Year 2021 Level ULAE Payment (a):	828,746
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			After Mortality	
				Prospective Expense (2) x (3)	Present Value of Prospective Expense (5) x (4)	Weighted Average Probability of Survival	Prospective Expense (5) x (7)	Present Value of Prospective Expense (6) x (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
36	828,746	2.856	0.177	2,366,698	418,719	0.528	1,248,559	220,897
37	828,746	2.941	0.168	2,437,699	410,744	0.515	1,256,486	211,713
38	828,746	3.030	0.160	2,510,830	402,920	0.503	1,263,680	202,786
39	828,746	3.121	0.153	2,586,155	395,245	0.491	1,270,073	194,107
40	828,746	3.214	0.146	2,663,740	387,717	0.479	1,275,591	185,667
41	828,746	3.311	0.139	2,743,652	380,332	0.467	1,280,156	177,458
42	828,746	3.410	0.132	2,825,962	373,087	0.454	1,283,687	169,474
43	828,746	3.512	0.126	2,910,741	365,981	0.442	1,286,098	161,707
44	828,746	3.618	0.120	2,998,063	359,010	0.429	1,287,307	154,151
45	828,746	3.726	0.114	3,088,005	352,171	0.417	1,287,228	146,802
46	828,746	3.838	0.109	3,180,645	345,463	0.404	1,285,774	139,653
47	828,746	3.953	0.103	3,276,064	338,883	0.392	1,282,857	132,702
48	828,746	4.072	0.099	3,374,346	332,428	0.379	1,278,393	125,943
49	828,746	4.194	0.094	3,475,576	326,096	0.366	1,272,308	119,374
50	828,746	4.320	0.089	3,579,844	319,885	0.353	1,264,537	112,996
51	828,746	4.449	0.085	3,687,239	313,792	0.340	1,255,019	106,805
52	828,746	4.583	0.081	3,797,856	307,815	0.327	1,243,704	100,802
53	828,746	4.720	0.077	3,911,792	301,952	0.315	1,230,553	94,987
54	828,746	4.862	0.074	4,029,146	296,200	0.302	1,215,541	89,360
55	828,746	5.008	0.070	4,150,020	290,558	0.289	1,198,658	83,923
56	828,746	5.158	0.067	4,274,521	285,024	0.276	1,179,905	78,676
57	828,746	5.313	0.064	4,402,756	279,595	0.263	1,159,300	73,621
58	828,746	5.472	0.060	4,534,839	274,269	0.251	1,136,874	68,759
59	828,746	5.636	0.058	4,670,884	269,045	0.238	1,112,668	64,090
60	828,746	5.805	0.055	4,811,011	263,920	0.226	1,086,735	59,616
61	828,746	5.979	0.052	4,955,341	258,893	0.214	1,059,137	55,335
62	828,746	6.159	0.050	5,104,001	253,962	0.202	1,029,943	51,247
63	828,746	6.343	0.047	5,257,121	249,125	0.190	999,234	47,352
64	828,746	6.534	0.045	5,414,835	244,379	0.179	967,079	43,646
65	828,746	6.730	0.043	5,577,280	239,725	0.167	933,568	40,127
66	828,746	6.932	0.041	5,744,598	235,158	0.156	898,817	36,794
67	828,746	7.140	0.039	5,916,936	230,679	0.146	862,883	33,641
68	828,746	7.354	0.037	6,094,444	226,285	0.136	825,891	30,665
69	828,746	7.574	0.035	6,277,278	221,975	0.126	788,036	27,866
70	828,746	7.802	0.034	6,465,596	217,747	0.116	749,385	25,238
Subtotals	29,006,110			143,095,514	10,768,781		40,055,667	3,667,977
Totals: (1 - 70)	58,012,220			193,949,284	31,878,827		76,497,205	20,162,351

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.

Birth Year Level Loss & ALAE

Evaluated As of December 31, 2021

Year of Birth	Birth Year Level						Open Accepted Reported Claim Counts @ 12/31/21
	Ultimate (a) Loss & ALAE @ 12/31/21	Paid (b) Loss & ALAE @ 12/31/21	Incurred (c) Loss & ALAE @ 12/31/21	Case O/S Loss & ALAE @ 12/31/21 (4) - (3)	IBNR / Bulk Loss & ALAE @ 12/31/21 (2) - (4)	Case+IBNR Loss & ALAE @ 12/31/21 (2) - (3)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	24,062,419	12,764,025	21,293,213	8,529,188	2,769,206	11,298,394	3
1990	12,551,356	4,989,940	10,728,220	5,738,279	1,823,137	7,561,416	3
1991	19,596,293	7,502,225	17,539,878	10,037,653	2,056,415	12,094,068	4
1992	43,272,841	12,497,647	37,514,576	25,016,929	5,758,266	30,775,195	9
1993	47,223,709	18,350,204	40,590,940	22,240,736	6,632,769	28,873,505	7
1994	21,883,899	6,522,264	18,341,601	11,819,337	3,542,298	15,361,635	3
1995	30,536,727	9,022,748	26,092,743	17,069,996	4,443,984	21,513,980	5
1996	27,062,607	8,588,195	22,426,560	13,838,365	4,636,047	18,474,412	6
1997	45,230,045	10,568,211	37,167,209	26,598,998	8,062,836	34,661,834	8
1998	70,093,934	18,831,385	55,331,530	36,500,145	14,762,404	51,262,549	11
1999	25,499,062	10,632,061	18,704,584	8,072,523	6,794,478	14,867,001	3
2000	17,760,931	5,570,171	12,741,643	7,171,471	5,019,289	12,190,760	3
2001	27,782,901	7,793,854	21,999,272	14,205,418	5,783,629	19,989,047	4
2002	67,744,282	15,669,929	51,843,764	36,173,834	15,900,518	52,074,352	12
2003	14,053,904	4,844,873	11,434,847	6,589,974	2,619,057	9,209,031	3
2004	31,244,338	5,321,614	25,512,064	20,190,451	5,732,274	25,922,724	5
2005	37,200,571	8,160,938	28,253,769	20,092,831	8,946,803	29,039,633	7
2006	54,709,659	9,591,485	43,690,339	34,098,854	11,019,320	45,118,174	9
2007	42,012,063	10,403,217	32,686,736	22,283,519	9,325,327	31,608,846	7
2008	62,106,284	7,005,004	48,679,895	41,674,890	13,426,389	55,101,279	9
2009	67,171,460	9,375,332	51,204,395	41,829,063	15,967,066	57,796,128	10
2010	30,093,211	3,330,646	22,705,909	19,375,263	7,387,302	26,762,565	5
2011	55,572,659	5,842,721	43,189,598	37,346,876	12,383,062	49,729,938	10
2012	45,745,277	4,018,292	36,980,434	32,962,142	8,764,843	41,726,985	7
2013	45,032,644	6,233,547	34,058,173	27,824,626	10,974,471	38,799,097	7
2014	55,218,159	6,698,681	39,026,033	32,327,352	16,192,125	48,519,478	8
2015	101,453,581	6,272,345	70,158,306	63,885,960	31,295,275	95,181,236	14
2016	38,324,910	1,451,547	24,540,706	23,089,160	13,784,203	36,873,363	5
2017	94,828,312	3,566,184	54,523,212	50,957,028	40,305,099	91,262,128	12
2018	153,497,791	4,345,823	74,547,580	70,201,757	78,950,211	149,151,968	15
2019	129,388,886	2,869,823	44,870,053	42,000,230	84,518,833	126,519,063	10
2020	100,159,795	555,612	18,454,975	17,899,363	81,704,820	99,604,183	8
2021	73,502,885	614,030	871,273	257,244	72,631,612	72,888,856	0
Totals:	1,711,617,397	249,804,574	1,097,704,031	847,899,457	613,913,365	1,461,812,822	232

Notes: (a) See Exhibit II, Sheet 2, Column (7).  
 (b) See Exhibit V, Sheet 1, Column (2).  
 (c) See Exhibit IV, Sheet 1, Column (2).

## Development of Birth Year Level Ultimate Loss &amp; ALAE

Excludes Estimate of Portion of SB 1786 Not Expected to Develop

Evaluated As of December 31, 2021

## Ultimate Loss &amp; ALAE - Birth Year Level

Year of Birth	Paid Projection (a)	Incurred Projection (b)	Cape Cod Method (c)	Frequency / Severity Method (d)	Bornhuetter/ Ferguson Method (e)	Selected (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	27,959,596	23,318,198	23,477,469	25,372,466	23,496,593	24,062,419
1990	11,367,683	11,895,329	13,305,670	13,687,565	12,071,174	12,551,356
1991	17,774,608	19,691,120	20,736,214	19,434,657	19,663,101	19,596,293
1992	30,794,384	42,642,132	41,372,415	44,331,161	42,845,232	43,272,841
1993	47,023,777	46,715,717	44,932,620	48,063,048	46,892,362	47,223,709
1994	17,549,481	21,373,034	22,596,336	22,715,255	21,563,408	21,883,899
1995	25,491,419	30,785,323	30,844,336	30,138,180	30,686,679	30,536,727
1996	25,476,889	26,790,552	27,721,080	27,492,391	26,904,877	27,062,607
1997	32,918,140	44,954,584	43,046,328	45,658,951	45,076,600	45,230,045
1998	61,472,513	70,380,971	62,236,733	69,671,552	70,229,278	70,093,934
1999	36,603,509	24,022,799	25,533,699	27,648,848	24,825,541	25,499,062
2000	20,204,877	16,742,544	19,646,749	19,208,440	17,331,810	17,760,931
2001	29,596,338	28,830,284	29,492,357	26,290,022	28,228,397	27,782,901
2002	62,221,240	66,783,044	59,518,371	69,139,599	67,310,202	67,744,282
2003	20,384,212	14,082,929	18,396,795	14,009,636	14,069,147	14,053,904
2004	23,789,930	31,454,876	33,350,122	30,923,631	31,354,507	31,244,338
2005	38,700,333	35,743,122	37,548,041	39,358,030	36,500,563	37,200,571
2006	48,695,740	54,232,548	52,758,972	55,430,930	54,465,500	54,709,659
2007	56,886,650	41,228,666	43,124,114	43,175,503	41,632,020	42,012,063
2008	41,074,628	63,039,614	60,999,482	60,759,099	62,520,138	62,106,284
2009	59,854,205	68,117,700	65,561,494	65,843,624	67,553,057	67,171,460
2010	23,524,197	29,854,458	36,957,327	30,432,344	29,992,831	30,093,211
2011	45,250,750	54,711,430	56,019,100	56,845,665	55,160,884	55,572,659
2012	34,042,213	46,136,418	50,487,464	45,157,305	45,942,109	45,745,277
2013	59,050,850	44,770,594	50,810,292	45,404,958	44,922,381	45,032,644
2014	74,358,525	54,633,175	60,211,813	55,998,182	55,023,119	55,218,159
2015	79,695,488	104,543,168	95,912,750	97,568,438	102,249,138	101,453,581
2016	23,131,838	40,073,238	56,553,361	36,293,351	38,608,140	38,324,910
2017	71,052,381	97,431,396	92,041,940	92,009,787	95,043,753	94,828,312
2018	132,899,905	174,994,812	125,882,303	134,022,123	151,476,439	153,497,791
2019	156,956,026	154,570,925	112,613,457	110,384,472	123,211,260	129,388,886
2020	63,551,697	104,670,162	101,120,582	99,723,728	100,595,861	100,159,795
2021	N/A	N/A	95,802,596	74,687,470	72,318,301	73,502,885
Totals:						
All Years	N/A	N/A	1,710,612,381	1,676,880,409	1,699,764,402	1,711,617,397
1989 - 2020	1,499,354,024	1,689,214,861	1,614,809,785	1,602,192,939	1,627,446,101	1,638,114,511
1989 - 2019	1,435,802,327	1,584,544,699	1,513,689,204	1,502,469,211	1,526,850,240	1,537,954,717

Notes:(a) See Exhibit V, Sheet 1, Column (5).

(b) See Exhibit IV, Sheet 1, Column (5).

(c) See Exhibit III, Sheet 3, Column (12).

(d) See Exhibit III, Sheet 2, Column (14).

(e) See Exhibit III, Sheet 1, Column (6).

(f) Selected based on average of columns (3), (5), and (6) for birth years 2019 and prior.

The selections for birth years 2020 and 2021 are based on columns (5) and (6).

Estimation of Ultimate Loss & ALAE - Adjusted to Birth Year Level  
Based on Bornhuetter-Ferguson Approach  
Evaluated As of December 31, 2021

Year of Birth	Birth Year Level Initial Expected Ultimate (a) Loss & ALAE	Expected Percent (b) Unreported @ 12/31/21	Birth Year Level Expected Unreported Loss & ALAE (2) x (3)	Birth Year Level Reported Loss & ALAE (c)	Indicated Birth Year Level Ultimate Loss & ALAE (4) + (5)
(1)	(2)	(3)	(4)	(5)	(6)
1989	25,372,466	8.7%	2,203,380	21,293,213	23,496,593
1990	13,687,565	9.8%	1,342,955	10,728,220	12,071,174
1991	19,434,657	10.9%	2,123,223	17,539,878	19,663,101
1992	44,331,161	12.0%	5,330,656	37,514,576	42,845,232
1993	48,063,048	13.1%	6,301,422	40,590,940	46,892,362
1994	22,715,255	14.2%	3,221,806	18,341,601	21,563,408
1995	30,138,180	15.2%	4,593,936	26,092,743	30,686,679
1996	27,492,391	16.3%	4,478,317	22,426,560	26,904,877
1997	45,658,951	17.3%	7,909,391	37,167,209	45,076,600
1998	69,671,552	21.4%	14,897,747	55,331,530	70,229,278
1999	27,648,848	22.1%	6,120,956	18,704,584	24,825,541
2000	19,208,440	23.9%	4,590,168	12,741,643	17,331,810
2001	26,290,022	23.7%	6,229,125	21,999,272	28,228,397
2002	69,139,599	22.4%	15,466,439	51,843,764	67,310,202
2003	14,009,636	18.8%	2,634,301	11,434,847	14,069,147
2004	30,923,631	18.9%	5,842,443	25,512,064	31,354,507
2005	39,358,030	21.0%	8,246,794	28,253,769	36,500,563
2006	55,430,930	19.4%	10,775,160	43,690,339	54,465,500
2007	43,175,503	20.7%	8,945,284	32,686,736	41,632,020
2008	60,759,099	22.8%	13,840,243	48,679,895	62,520,138
2009	65,843,624	24.8%	16,348,663	51,204,395	67,553,057
2010	30,432,344	23.9%	7,286,922	22,705,909	29,992,831
2011	56,845,665	21.1%	11,971,287	43,189,598	55,160,884
2012	45,157,305	19.8%	8,961,674	36,980,434	45,942,109
2013	45,404,958	23.9%	10,864,208	34,058,173	44,922,381
2014	55,998,182	28.6%	15,997,085	39,026,033	55,023,119
2015	97,568,438	32.9%	32,090,832	70,158,306	102,249,138
2016	36,293,351	38.8%	14,067,434	24,540,706	38,608,140
2017	92,009,787	44.0%	40,520,540	54,523,212	95,043,753
2018	134,022,123	57.4%	76,928,859	74,547,580	151,476,439
2019	110,384,472	71.0%	78,341,207	44,870,053	123,211,260
2020	99,723,728	82.4%	82,140,886	18,454,975	100,595,861
2021	74,687,470	95.7%	71,447,027	871,273	72,318,301
Totals:	1,676,880,409		602,060,371	1,097,704,031	1,699,764,402

Notes: (a) See Exhibit III, Sheet 3, Column (14).

(b) Based on cumulative development factors shown in Exhibit IV, Sheet 1, Col. (4) for all birth years

(c) See Exhibit IV, 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 (6)	Estimated 2021 Level Ultimate Loss & ALAE (4) x (6) (7)	Estimated Ultimate (d) Accepted Claim Cts. (AAA & AAD Only) (8)	Indicated Average Claim Size		Birth Year Level Average Claim Size Based on All Years (11) / (6)	Estimated % Rept. (e) (12)	Indicated Birth Year Level Average (f) Claim Size (13)	Estimated Birth Year Level Ultimate Loss & ALAE (13) x (8) (14)
	Paid (a) Projection (2)	Incurred (b) Projection (3)	Selected (4)					Birth Year Level (9) / (8)	2021 Level (10) / (8)				
	(1)	(2)	(3)					(4)	(5)				
1989	27,959,596	23,318,198	23,318,198	0.90%	1.457	33,986,019	11.0	2,119,836	3,089,638	4,270,328	91.32%	2,306,588	25,372,466
1990	11,367,683	11,895,329	11,895,329	0.63%	1.444	17,182,269	7.0	1,699,333	2,454,610	4,308,861	90.19%	1,955,366	13,687,565
1991	17,774,608	19,691,120	19,691,120	0.57%	1.435	28,265,532	4.0	4,922,780	7,066,383	4,335,905	89.08%	4,858,664	19,434,657
1992	30,794,384	42,642,132	42,642,132	0.54%	1.427	60,863,013	13.0	3,280,164	4,681,770	4,360,657	87.98%	3,410,089	44,331,161
1993	47,023,777	46,715,717	46,715,717	0.48%	1.420	66,321,902	13.0	3,593,517	5,101,685	4,384,020	86.89%	3,697,158	48,063,048
1994	17,549,481	21,373,034	21,373,034	0.41%	1.413	30,197,303	7.0	3,053,291	4,313,900	4,405,189	85.82%	3,245,036	22,715,255
1995	25,491,419	30,785,323	30,785,323	0.44%	1.407	43,317,562	6.0	5,130,887	7,219,594	4,423,298	84.76%	5,023,030	30,138,180
1996	25,476,889	26,790,552	26,790,552	0.31%	1.401	37,531,664	7.0	3,827,222	5,361,666	4,442,734	83.71%	3,927,484	27,492,391
1997	32,918,140	44,954,584	44,954,584	0.32%	1.397	62,784,654	11.0	4,086,780	5,707,696	4,456,429	82.68%	4,150,814	45,658,951
1998	61,472,513	70,380,971	70,380,971	0.41%	1.392	97,977,943	15.0	4,692,065	6,531,863	4,470,884	78.62%	4,644,770	69,671,552
1999	36,603,509	24,022,799	24,022,799	0.47%	1.386	33,306,598	9.0	2,669,200	3,700,733	4,489,106	77.86%	3,072,094	27,648,848
2000	20,204,877	16,742,544	16,742,544	0.38%	1.380	23,103,960	6.0	2,790,424	3,850,660	4,510,260	76.10%	3,201,407	19,208,440
2001	29,596,338	28,830,284	28,830,284	0.46%	1.375	39,634,947	4.0	7,207,571	9,908,737	4,527,278	76.31%	6,572,506	26,290,022
2002	62,221,240	66,783,044	66,783,044	0.36%	1.368	91,391,024	17.0	3,928,414	5,375,943	4,548,091	77.63%	4,067,035	69,139,599
2003	20,384,212	14,082,929	14,082,929	4.59%	1.364	19,203,371	3.0	4,694,310	6,401,124	4,564,382	81.20%	4,669,879	14,009,636
2004	23,789,930	31,454,876	31,454,876	0.92%	1.304	41,009,709	6.0	5,242,479	6,834,951	4,773,839	81.11%	5,153,939	30,923,631
2005	38,700,333	35,743,122	35,743,122	4.47%	1.292	46,175,734	11.0	3,249,375	4,197,794	4,817,760	79.05%	3,578,003	39,358,030
2006	48,695,740	54,232,548	54,232,548	0.58%	1.237	67,063,991	12.0	4,519,379	5,588,666	5,033,118	80.56%	4,619,244	55,430,930
2007	56,886,650	41,228,666	41,228,666	4.75%	1.229	50,687,175	10.0	4,122,867	5,068,718	5,062,531	79.28%	4,317,550	43,175,503
2008	41,074,628	63,039,614	63,039,614	1.08%	1.174	73,990,184	10.0	6,303,961	7,399,018	5,302,808	77.22%	6,075,910	60,759,099
2009	59,854,205	68,117,700	68,117,700	0.34%	1.161	79,098,722	11.0	6,192,518	7,190,793	5,359,904	75.17%	5,985,784	65,843,624
2010	23,524,197	29,854,458	29,854,458	0.48%	1.157	34,550,670	6.0	4,975,743	5,758,445	5,377,981	76.06%	5,072,057	30,432,344
2011	45,250,750	54,711,430	54,711,430	8.92%	1.152	63,014,958	12.0	4,559,286	5,251,246	5,403,821	78.94%	4,737,139	56,845,665
2012	34,042,213	46,136,418	46,136,418	0.71%	1.057	48,784,567	7.0	6,590,917	6,969,224	5,886,104	80.15%	6,451,044	45,157,305
2013	59,050,850	44,770,594	44,770,594	0.23%	1.050	47,007,949	8.0	5,596,324	5,875,994	5,927,725	76.07%	5,675,620	45,404,958
2014	74,358,525	54,633,175	54,633,175	0.19%	1.048	57,233,863	10.0	5,463,318	5,723,386	5,941,141	71.43%	5,599,818	55,998,182
2015	79,695,488	104,543,168	104,543,168	1.87%	1.046	109,307,684	14.0	7,467,369	7,807,692	5,952,665	67.11%	6,969,174	97,568,438
2016	23,131,838	40,073,238	40,073,238	0.26%	1.026	41,128,528	5.0	8,014,648	8,225,706	6,064,259	61.24%	7,258,670	36,293,351
2017	71,052,381	97,431,396	97,431,396	0.25%	1.024	99,737,599	14.0	6,959,385	7,124,114	6,080,041	55.96%	6,572,128	92,009,787
2018	132,899,905	174,994,812	174,994,812	0.97%	1.021	178,699,067	17.0	10,293,812	10,511,710	6,094,939	42.60%	7,883,654	134,022,123
2019	156,956,026	154,570,925	154,570,925	0.20%	1.011	156,325,903	15.0	10,304,728	10,421,727	6,154,083	29.03%	7,358,965	110,384,472
2020	63,551,697	104,670,162	104,670,162	0.93%	1.009	105,644,444	16.0	6,541,885	6,602,778	6,166,557	17.63%	6,232,733	99,723,728
2021	N/A	N/A	N/A		1.000	N/A	12.0	N/A	N/A	6,223,956	N/A	6,223,956	74,687,470
Totals / Averages:													
1992 - 2018	1,221,744,415	1,375,069,127	1,375,069,127			1,643,124,340	264.0	5,208,595	6,223,956				1,333,590,051
1992 - 2004	433,526,712	465,558,789	465,558,789			646,643,650	117.0	3,979,135	5,526,869				475,290,714
2005 - 2018	788,217,703	909,510,338	909,510,338			996,480,690	147.0	6,187,145	6,778,780				858,299,338
1995 - 2004	338,159,069	354,827,906	354,827,906			489,261,432	84.0	4,224,142	5,824,541				360,181,250
2005 - 2015	561,133,579	597,010,892	597,010,892			676,915,497	111.0	5,378,477	6,098,338				595,974,077
1995 - 2015	899,292,648	951,838,798	951,838,798			1,166,176,929	195.0	4,881,225	5,980,395				956,155,327
1997 - 2017	942,508,559	1,031,767,557	1,031,767,557			1,226,193,829	201.0	5,133,172	6,100,467				1,026,827,894

(15) Selected 2021 Level Average Claim Size ==> 6,223,956

- Notes: (a) See Exhibit V, Sheet 1.  
 (b) See Exhibit IV, Sheet 1.  
 (c) See Exhibit VI, Sheets 8a, 8b and 8c, calendar year factors.  
 (d) Based on ultimate reported accepted claim counts for AAA and AAD only (Excluding DA claims).  
 (e) See Exhibit IV, 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 December 31, 2021

Year of Birth	Insured (a) Physicians	Birth Year Level (b) Incurred Loss & ALAE @ 12/31/21	Expected Percent (c) Reported @ 12/31/21	Exposure Adjusted to Expected Percent (2) X (4)	Inflation Incurred Basis (d)	Adjustment Factor to 2021 Level	Incurred (Reported) Loss & ALAE	2021 Level Loss & ALAE per Insured Physician (8) / (5)	Indicated (e) BY Level Unreported Loss & ALAE	Indicated BY Level Ultimate Loss & ALAE (3) + (11)
							Adjusted to BY 2021 Level (3) X (7)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(11)	(12)
1989	570	21,293,213	91.32%	520.5	0.90%	1.457	31,034,626	59,625	2,184,256	23,477,469
1990	590	10,728,220	90.19%	532.1	0.63%	1.444	15,496,432	29,122	2,577,450	13,305,670
1991	653	17,539,878	89.08%	581.7	0.57%	1.435	25,177,542	43,286	3,196,336	20,736,214
1992	712	37,514,576	87.98%	626.4	0.54%	1.427	53,544,464	85,482	3,857,840	41,372,415
1993	731	40,590,940	86.89%	635.2	0.48%	1.420	57,626,609	90,728	4,341,680	44,932,620
1994	659	18,341,601	85.82%	565.5	0.41%	1.413	25,914,284	45,823	4,254,734	22,596,336
1995	682	26,092,743	84.76%	578.0	0.44%	1.407	36,714,704	63,515	4,751,593	30,844,336
1996	708	22,426,560	83.71%	592.7	0.31%	1.401	31,418,021	53,011	5,294,520	27,721,080
1997	737	37,167,209	82.68%	609.3	0.32%	1.397	51,908,618	85,189	5,879,119	43,046,328
1998	699	55,331,530	78.62%	549.5	0.41%	1.392	77,027,489	140,169	6,905,203	62,236,733
1999	665	18,704,584	77.86%	517.8	0.47%	1.386	25,933,118	50,085	6,829,115	25,533,699
2000	620	12,741,643	76.10%	471.8	0.38%	1.380	17,582,895	37,264	6,905,106	19,646,749
2001	676	21,999,272	76.31%	515.8	0.46%	1.375	30,243,892	58,632	7,493,084	29,492,357
2002	730	51,843,764	77.63%	566.7	0.36%	1.368	70,946,971	125,193	7,674,608	59,518,371
2003	785	11,434,847	81.20%	637.4	4.59%	1.364	15,592,467	24,463	6,961,949	18,396,795
2004	841	25,512,064	81.11%	682.1	0.92%	1.304	33,261,690	48,763	7,838,058	33,350,122
2005	891	28,253,769	79.05%	704.3	4.47%	1.292	36,500,408	51,825	9,294,272	37,548,041
2006	897	43,690,339	80.56%	722.6	0.58%	1.237	54,027,492	74,765	9,068,633	52,758,972
2007	963	32,686,736	79.28%	763.5	4.75%	1.229	40,185,591	52,635	10,437,378	43,124,114
2008	987	48,679,895	77.22%	762.2	1.08%	1.174	57,136,047	74,965	12,319,588	60,999,482
2009	1,044	51,204,395	75.17%	784.8	0.34%	1.161	59,458,880	75,765	14,357,099	65,561,494
2010	1,071	22,705,909	76.06%	814.6	0.48%	1.157	26,277,629	32,260	14,251,418	36,957,327
2011	1,091	43,189,598	78.94%	861.2	8.92%	1.152	49,744,463	57,759	12,829,503	56,019,100
2012	1,119	36,980,434	80.15%	896.9	0.71%	1.057	39,103,046	43,597	13,507,029	50,487,464
2013	1,143	34,058,173	76.07%	869.5	0.23%	1.050	35,760,188	41,127	16,752,119	50,810,292
2014	1,208	39,026,033	71.43%	862.9	0.19%	1.048	40,883,779	47,379	21,185,779	60,211,813
2015	1,273	70,158,306	67.11%	854.3	1.87%	1.046	73,355,745	85,866	25,754,444	95,912,750
2016	1,318	24,540,706	61.24%	807.1	0.26%	1.026	25,186,962	31,205	32,012,655	56,553,361
2017	1,356	54,523,212	55.96%	758.8	0.25%	1.024	55,813,778	73,553	37,518,727	92,041,940
2018	1,420	74,547,580	42.60%	604.9	0.97%	1.021	76,125,588	125,844	51,334,723	125,882,303
2019	1,501	44,870,053	29.03%	435.7	0.20%	1.011	45,379,502	104,148	67,743,404	112,613,457
2020	1,575	18,454,975	17.63%	277.7	0.93%	1.009	18,626,756	67,076	82,665,607	101,120,582
2021	1,543	871,273	4.34%	66.9		1.000	871,273	13,015	94,931,322	95,802,596
Totals / Averages:										
1992 - 2018	25,026	983,946,419		18,616.0			1,197,274,818	64,314	359,609,975	1,343,556,394
1992 - 2004	9,245	379,701,333		7,548.3			527,715,223	69,912	78,986,608	458,687,941
2005 - 2018	15,781	604,245,086		11,067.7			669,559,596	60,497	280,623,367	884,868,453
1995 - 2004	7,143	283,254,216		5,721.2			390,629,865	68,277	66,532,354	349,786,570
2005 - 2015	11,687	450,633,587		8,896.8			512,433,268	57,597	159,757,263	610,390,850
1995 - 2015	18,830	733,887,803		14,618.1			903,063,133	61,777	226,289,616	960,177,419
1997 - 2017	20,114	764,432,419		15,013.3			915,931,148	61,008	285,774,885	1,050,207,304

(10) Indicated 2021 Level Loss & ALAE per Insured Physician

64,314

Notes: (a) See Section VI, Exhibit V, Sheets 1 and 2.

(b) See Exhibit IV, Sheet 1.

(c) Based on cumulative development factors shown in Exhibit IV, Sheet 1, Column (4).

(d) See Exhibit VI, Sheets 8a, 8b and 8c, calendar year factors.

(e) Calculation = [Item (10) / Column (7)] x [1.0 - Column (4)] x Column (2).



Evaluated As of December 31, 2021

Year of Birth	Combined Incurred Loss & ALAE	Loss Development Factors		Combined Incurred Loss & ALAE Projection (2) x (4)
		Incremental	Cumulative	
(1)	(2)	(3)	(4)	(5)
1989	21,293,213	1.0951	1.0951	23,318,198
1990	10,728,220	1.0125	1.1088	11,895,329
1991	17,539,878	1.0125	1.1226	19,691,120
1992	37,514,576	1.0125	1.1367	42,642,132
1993	40,590,940	1.0125	1.1509	46,715,717
1994	18,341,601	1.0125	1.1653	21,373,034
1995	26,092,743	1.0125	1.1798	30,785,323
1996	22,426,560	1.0125	1.1946	26,790,552
1997	37,167,209	1.0125	1.2095	44,954,584
1998	55,331,530	1.0516	1.2720	70,380,971
1999	18,704,584	1.0097	1.2843	24,022,799
2000	12,741,643	1.0231	1.3140	16,742,544
2001	21,999,272	0.9973	1.3105	28,830,284
2002	51,843,764	0.9829	1.2882	66,783,044
2003	11,434,847	0.9561	1.2316	14,082,929
2004	25,512,064	1.0011	1.2329	31,454,876
2005	28,253,769	1.0261	1.2651	35,743,122
2006	43,690,339	0.9812	1.2413	54,232,548
2007	32,686,736	1.0161	1.2613	41,228,666
2008	48,679,895	1.0267	1.2950	63,039,614
2009	51,204,395	1.0273	1.3303	68,117,700
2010	22,705,909	0.9884	1.3148	29,854,458
2011	43,189,598	0.9634	1.2668	54,711,430
2012	36,980,434	0.9849	1.2476	46,136,418
2013	34,058,173	1.0537	1.3145	44,770,594
2014	39,026,033	1.0650	1.3999	54,633,175
2015	70,158,306	1.0644	1.4901	104,543,168
2016	24,540,706	1.0958	1.6329	40,073,238
2017	54,523,212	1.0943	1.7870	97,431,396
2018	74,547,580	1.3136	2.3474	174,994,812
2019	44,870,053	1.4675	3.4449	154,570,925
2020	18,454,975	1.6464	5.6717	104,670,162
2021	871,273	4.0638	23.0485	20,081,581
Totals:	1,097,704,031			1,709,296,441







Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis  
 Period to Period Development Factors

Year of Birth	12:24	24:36	36:48	48:60	60:72	72:84	84:96	96:108	108:120	120:132	132:144	144:156
1989			1.1689	0.8496	1.0360	0.6502	1.1034	1.0762	1.0425	0.8943	0.9054	1.2991
1990		2.4106	1.1546	0.9522	0.8177	1.0023	0.8201	0.9482	1.0149	1.0405	1.1633	1.2123
1991		2.3141	0.9464	0.7174	1.0616	0.9785	0.9878	1.0669	1.0192	1.4156	1.0816	0.9703
1992	1.4082	2.6638	0.5793	1.0932	0.8876	1.0262	1.0379	0.9632	1.1616	1.1533	1.0655	1.0292
1993	1.5868	1.8394	1.2662	1.1076	1.2888	1.0553	1.2003	1.3387	0.9428	0.9152	1.0489	1.0457
1994	1.2934	1.7385	1.0771	1.2264	1.2566	1.4584	0.7445	0.7519	0.9625	1.0555	1.0917	1.0702
1995	1.0678	5.5523	1.9963	0.9004	1.0619	1.6161	0.9225	1.0435	1.0295	1.1412	0.9915	0.9319
1996	37.2771	1.9148	1.0777	1.7502	1.4424	1.1267	1.0217	1.2224	0.9406	1.1026	0.9748	0.9527
1997	993.7569	1.1928	1.0974	1.6898	1.1561	1.0488	0.7939	1.1263	0.9997	1.0121	0.9968	1.2240
1998	4.1993	1.6444	1.5948	1.0850	1.3316	0.9137	1.0751	1.1180	1.0113	1.0531	0.9566	1.1270
1999	1.7599	1.9513	1.5371	1.0642	0.9698	1.1209	0.8370	1.0288	1.0861	0.8534	1.1548	0.8895
2000	4.1290	1.1881	1.1370	0.6373	0.9620	1.0776	0.9797	0.9930	1.2331	0.9437	0.8049	1.1408
2001	30.3021	1.8836	1.0503	1.1354	1.4316	1.1840	0.9545	0.9726	1.1250	0.9271	1.1172	0.9666
2002	4.3473	1.9930	1.2688	1.0817	1.1413	1.1642	1.3514	0.9689	1.1446	0.9787	0.9786	0.9419
2003	2.2635	9.0524	2.0285	0.9194	1.0620	1.1144	1.2133	1.0898	0.9737	0.9496	1.0300	0.9781
2004	228.0790	3.0806	1.7082	1.2340	1.0933	0.8441	1.0165	0.9334	1.0389	1.0048	0.9940	0.9726
2005		3.2332	1.6889	1.2117	1.2743	0.9629	0.9214	0.8181	0.8179	0.9575	1.0158	0.9677
2006	2.2679	2.5982	1.7239	1.1187	1.2811	0.9274	0.9905	1.0185	1.0453	0.9995	0.9073	1.0417
2007	1.8092	2.2499	1.9860	1.3220	0.9721	0.9491	0.9974	0.9657	1.0214	0.8799	1.0154	0.9975
2008	7.2798	1.4195	1.6425	0.9632	1.0967	0.9517	1.1113	0.9207	0.9958	0.9708	0.9901	1.0491
2009	5.0736	2.6701	1.2100	1.0982	0.9566	1.0540	1.0599	1.1206	1.0085	1.0386	1.0234	0.9232
2010	31.7370	1.8311	1.2122	0.9527	1.0131	0.9426	1.0613	1.0245	1.0761	1.0110	0.8154	
2011	2.0546	1.5377	1.3770	1.2411	0.9578	1.0148	1.0069	1.0254	1.0514	0.9446		
2012	1.6708	1.3868	1.1066	0.7544	1.1876	1.1274	1.0570	1.0255	1.0896			
2013	1.6729	1.7095	1.1356	1.0954	0.9577	1.0057	1.0310	1.1457				
2014	3.5541	1.6071	1.0385	1.0373	0.8127	1.0732	1.1257					
2015		1.3507	1.5989	1.2195	1.2446	1.1671						
2016	1.0658	2.2194	1.8148	1.4151	1.3536							
2017	56.6027	2.0945	1.3411	1.5544								
2018	2.5906	1.6357	1.5821									
2019	3.6834	1.5202										
2020	307.5829											
Simple Avg. - Incremental	64.4487	2.3161	1.3716	1.1182	1.1110	1.0577	1.0162	1.0283	1.0347	1.0105	1.0056	1.0348
Wtd Avg. All - Incremental	3.4124	1.7990	1.3271	1.1052	1.0981	1.0348	1.0290	1.0334	1.0285	0.9914	0.9949	1.0209
Wtd Latest Five - Incremental	4.1274	1.6243	1.4109	1.2448	1.0872	1.0879	1.0546	1.0705	1.0372	0.9714	0.9609	0.9932
Wtd Latest Three - Incremental	4.0003	1.6685	1.5241	1.3824	1.1015	1.1038	1.0742	1.0594	1.0701	0.9983	0.9659	0.9836
Wtd Avg. 1996 & Subs.- Incremental	3.4634	1.7292	1.3915	1.1325	1.1063	1.0296	1.0354	1.0200	1.0344	0.9819	0.9809	1.0067
Wtd Avg. All - Cumulative	4.1826	2.3250	1.7519	1.5851	1.4435	1.3950	1.3556	1.3117	1.2754	1.2865	1.2931	
Wtd Latest Five - Cumulative	5.2706	3.2448	2.2997	1.8474	1.6993	1.5621	1.4811	1.3836	1.3340	1.3732	1.4290	
Selected Incremental - Prior 12/31/20	125.0000	1.7000	1.0750	1.1250	1.0600	1.0338	1.0414	1.0210	1.0256	0.9834	0.9882	1.0143
Selected - Incremental	4.0638	1.6464	1.4675	1.3136	1.0943	1.0958	1.0644	1.0650	1.0537	0.9849	0.9634	0.9884
Selected - Cumulative	23.0485	5.6717	3.4449	2.3474	1.7870	1.6329	1.4901	1.3999	1.3145	1.2476	1.2668	1.3148

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis  
 Period to Period Development Factors

Year of Birth	156:168	168:180	180:192	192:204	204:216	216:228	228:240	240:252	252:264	264:276	276:288	288:300
1989	0.8683	1.0376	1.0541	1.0963	1.1833	0.9770	0.9598	0.9269	1.0228	0.9773	1.0078	0.9556
1990	0.9647	1.0548	1.1991	0.7118	0.7760	0.9668	0.9080	0.7876	1.0048	1.0322	0.9186	0.9739
1991	1.1759	1.0167	1.1212	1.1123	1.0568	0.9296	1.0084	1.0359	1.1083	0.9298	1.0110	1.0104
1992	1.2153	1.2660	0.9943	1.0094	1.0185	1.0041	1.0161	1.0598	0.9386	0.9987	0.9619	0.9979
1993	0.9320	0.9382	0.9833	0.8439	1.0185	0.9098	1.0462	0.9056	1.0034	1.0114	0.9909	0.9775
1994	0.9507	1.2330	0.9569	1.0287	1.1223	1.0300	0.9871	1.0003	1.0178	0.9941	0.9590	1.0084
1995	1.1295	1.0345	0.9533	0.9389	0.9406	1.0623	1.0048	0.9912	1.0099	1.0284	1.0137	1.0087
1996	0.9466	1.0004	0.7357	1.1002	0.9672	1.0517	0.9600	1.0041	1.0218	0.9918	1.0125	1.0266
1997	1.1297	0.9490	0.9554	1.0192	0.9225	0.9698	1.0003	0.9516	1.0165	1.0858	1.0201	1.1380
1998	0.9723	1.0383	1.0282	1.0245	1.0090	0.9731	0.9145	1.0348	1.0296	1.0301	1.0080	
1999	0.9898	1.0166	0.8810	1.0161	0.9739	0.9854	1.0204	0.9675	1.0149	0.9250		
2000	0.8762	1.0140	0.9934	1.0073	1.0741	1.0202	0.9101	1.0242	0.8371			
2001	0.9824	1.0606	1.0238	1.0077	1.0200	0.9700	1.0471	0.9493				
2002	0.9760	0.9506	0.9690	1.0201	0.9889	1.0461	0.9395					
2003	0.9991	1.1527	1.0081	0.9051	1.0278	0.8744						
2004	1.1369	1.0281	1.0384	0.9731	1.1002							
2005	1.0198	1.0363	1.0321	0.9961								
2006	0.9782	1.0464	1.0167									
2007	1.0305	0.9750										
2008	1.0518											
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
Simple Avg. - Incremental	1.0163	1.0447	0.9969	0.9889	1.0125	0.9847	0.9802	0.9722	1.0021	1.0004	0.9904	1.0108
Wtd Avg. All - Incremental	1.0097	1.0259	0.9902	0.9844	1.0074	0.9873	0.9777	0.9819	1.0033	1.0057	0.9959	1.0168
Wtd Latest Five - Incremental	1.0341	1.0333	1.0057	0.9939	1.0288	1.0010	0.9524	0.9912	1.0022	1.0208	1.0069	1.0363
Wtd Latest Three - Incremental	1.0205	1.0201	1.0266	0.9685	1.0234	1.0012	0.9598	0.9747	0.9925	1.0254	1.0125	1.0670
Wtd Avg. 1996 & Subs.- Incremental	1.0068	1.0099	0.9738	1.0126	1.0008	0.9948	0.9597	0.9930	1.0022	1.0194	1.0125	1.0925
Wtd Avg. All - Cumulative	1.2667	1.2545	1.2228	1.2350	1.2546	1.2454	1.2615	1.2903	1.3140	1.3096	1.3022	1.3076
Wtd Latest Five - Cumulative	1.4389	1.3914	1.3466	1.3390	1.3472	1.3096	1.3082	1.3737	1.3858	1.3828	1.3546	1.3453
Selected Incremental - Prior 12/31/20	1.0247	1.0160	1.0052	0.9949	1.0062	1.0015	0.9675	1.0003	1.0207	1.0312	1.0021	1.0007
Selected - Incremental	1.0273	1.0267	1.0161	0.9812	1.0261	1.0011	0.9561	0.9829	0.9973	1.0231	1.0097	1.0516
Selected - Cumulative	1.3303	1.2950	1.2613	1.2413	1.2651	1.2329	1.2316	1.2882	1.3105	1.3140	1.2843	1.2720

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis  
 Period to Period Development Factors

Year of Birth -----	300:312 -----	312:324 -----	324:336 -----	336:348 -----	348:360 -----	360:372 -----	372:384 -----	384:396 -----	396:Ult. -----
1989	1.0081	0.9759	0.9996	0.9673	1.0077	1.0299	1.0002	1.0489	
1990	1.0065	1.0061	1.0562	1.0016	1.0021	1.0567	1.1614		
1991	1.0033	0.9723	1.0066	1.0120	0.9572	0.9161			
1992	1.0011	1.0041	0.9680	1.0197	1.0229				
1993	1.0098	1.0655	1.0203	1.1068					
1994	1.0215	1.0213	1.1300						
1995	1.0184	1.0520							
1996	0.9696								
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	1.0048	1.0139	1.0301	1.0215	0.9975	1.0009	1.0808	1.0489	
Wtd Avg. All - Incremental	1.0040	1.0186	1.0163	1.0348	1.0018	0.9890	1.0506	1.0489	
Wtd Latest Five - Incremental	1.0034	1.0261	1.0191	1.0348	1.0018	0.9890	1.0506	1.0489	
Wtd Latest Three - Incremental	1.0013	1.0516	1.0185	1.0526	1.0001	0.9890	1.0506	1.0489	
Wtd Avg. 1996 & Subs.- Incremental	0.9696								
Wtd Avg. All - Cumulative	1.2859	1.2808	1.2574	1.2373	1.1958	1.1936	1.2068	1.1487	1.0951
Wtd Latest Five - Cumulative	1.2982	1.2939	1.2610	1.2373	1.1958	1.1936	1.2068	1.1487	1.0951
Selected Incremental - Prior 12/31/20	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045	1.1000	
Selected - Incremental	1.0125	1.0125	1.0125	1.0125	1.0125	1.0125	1.0125	1.0125	1.0951
Selected - Cumulative	1.2095	1.1946	1.1798	1.1653	1.1509	1.1367	1.1226	1.1088	1.0951

Evaluated As of December 31, 2021

Year of Birth	Combined Paid Loss & ALAE	Loss Development Factors		Combined Paid Loss & ALAE Projection
		Incremental	Cumulative	(2) x (4)
(1)	(2)	(3)	(4)	(5)
1989	12,764,025	2.1905	2.1905	27,959,596
1990	4,989,940	1.0400	2.2781	11,367,683
1991	7,502,225	1.0400	2.3692	17,774,608
1992	12,497,647	1.0400	2.4640	30,794,384
1993	18,350,204	1.0400	2.5626	47,023,777
1994	6,522,264	1.0500	2.6907	17,549,481
1995	9,022,748	1.0500	2.8252	25,491,419
1996	8,588,195	1.0500	2.9665	25,476,889
1997	10,568,211	1.0500	3.1148	32,918,140
1998	18,831,385	1.0480	3.2644	61,472,513
1999	10,632,061	1.0546	3.4427	36,603,509
2000	5,570,171	1.0536	3.6273	20,204,877
2001	7,793,854	1.0469	3.7974	29,596,338
2002	15,669,929	1.0456	3.9707	62,221,240
2003	4,844,873	1.0596	4.2074	20,384,212
2004	5,321,614	1.0625	4.4704	23,789,930
2005	8,160,938	1.0608	4.7421	38,700,333
2006	9,591,485	1.0706	5.0770	48,695,740
2007	10,403,217	1.0771	5.4682	56,886,650
2008	7,005,004	1.0723	5.8636	41,074,628
2009	9,375,332	1.0888	6.3842	59,854,205
2010	3,330,646	1.1063	7.0630	23,524,197
2011	5,842,721	1.0965	7.7448	45,250,750
2012	4,018,292	1.0939	8.4718	34,042,213
2013	6,233,547	1.1182	9.4731	59,050,850
2014	6,698,681	1.1718	11.1005	74,358,525
2015	6,272,345	1.1446	12.7059	79,695,488
2016	1,451,547	1.2542	15.9360	23,131,838
2017	3,566,184	1.2502	19.9239	71,052,381
2018	4,345,823	1.5349	30.5811	132,899,905
2019	2,869,823	1.7884	54.6919	156,956,026
2020	555,612	2.0914	114.3814	63,551,697
2021	614,030	82.5986	9,447.7408	5,801,193,797
Totals:	249,804,574			7,300,547,822









Paid Loss & ALAE - Adjusted to Birth Year Cost Basis  
 Period to Period Development Factors

Year of Birth	12:24	24:36	36:48	48:60	60:72	72:84	84:96	96:108	108:120	120:132	132:144	144:156
1989			1.2809	1.4563	1.2883	1.1318	1.1053	1.1205	1.0707	1.0618	1.2190	1.0333
1990		1.9635	1.4799	1.2211	1.0666	1.1826	1.0387	1.0580	1.0456	1.0406	1.0353	1.0525
1991		1.3716	1.2726	2.1117	1.3224	1.0517	1.0720	1.0263	1.0647	1.0711	1.0818	1.0662
1992	48.1067	5.3913	2.1168	1.4809	1.1461	1.1123	1.0904	1.0654	1.0654	1.0629	1.0815	1.0878
1993	68.1739	6.1050	2.0580	1.4941	1.3307	1.3130	1.1992	1.1602	1.1418	1.1197	1.0850	1.1064
1994	5.2321	2.1237	1.2992	1.2203	1.3932	1.1003	1.1087	1.0757	1.0169	1.0297	1.1565	1.0142
1995	121.9530	5.1044	1.7834	1.0788	1.0586	1.1266	1.0451	1.1221	1.1115	1.3333	1.0971	1.1036
1996	207.3001	2.4631	1.4323	1.3274	1.3149	1.2683	1.1017	1.1013	1.0810	1.0850	1.0786	1.0643
1997	72.6802	2.3585	1.2084	1.4006	1.4237	1.2019	1.1062	1.1073	1.0764	1.1044	1.1137	1.1165
1998	1,237.7177	2.3071	1.4903	1.2834	1.1416	1.3675	1.1442	1.1320	1.1019	1.1061	1.1084	1.1051
1999	2.9983	1.1751	1.3144	1.4904	1.2254	1.1504	1.1510	1.2543	1.1248	1.0989	1.1036	1.1004
2000	4.3269	1.4692	1.4659	1.1586	1.1008	1.0658	1.0652	1.0596	1.0496	1.0877	1.0609	1.0596
2001	4.1509	2.0325	1.5941	1.1914	1.3065	1.3092	1.1063	1.0605	1.0646	1.0697	1.0624	1.0833
2002	77.8958	3.1763	1.6019	1.4098	1.1976	1.3794	1.1732	1.1565	1.1133	1.1136	1.1270	1.1095
2003	2.1539	1.2202	1.1727	1.3106	1.7034	1.1007	1.0787	1.1251	1.1184	1.0928	1.1132	1.1456
2004	2,949.6968	3.6161	1.5379	1.1802	1.2495	1.1740	1.1380	1.0668	1.0866	1.0914	1.0739	1.0616
2005		37.0675	2.2865	1.3559	1.4725	1.2190	1.1700	1.0960	1.0870	1.0721	1.0732	1.0728
2006		2.1794	2.0580	1.6900	1.7297	1.2382	1.1409	1.1113	1.0938	1.0921	1.1021	1.0735
2007	3.9693	1.8612	2.2873	1.4898	1.2610	1.2628	1.1602	1.1493	1.1312	1.1089	1.0921	1.0950
2008		3.1670	1.5293	1.4244	1.1662	1.2408	1.2132	1.1957	1.1760	1.1188	1.0905	1.1197
2009	5.4364	2.4226	1.5842	1.2848	1.1719	1.1433	1.2142	1.2451	1.0982	1.0894	1.1138	1.1283
2010	7.6402	1.3407	1.5050	1.1342	1.0857	1.0921	1.0863	1.0699	1.0608	1.0531	1.0651	
2011	15.7739	4.8849	1.7732	1.4922	1.3321	1.2139	1.1448	1.1191	1.1104	1.1077		
2012	5.8391	9.1643	1.8280	1.2503	1.1258	1.1729	1.1443	1.1231	1.1656			
2013	7.5986	1.9963	1.3839	1.2971	1.1823	1.2060	1.1335	1.2382				
2014	5.5572	2.6941	1.6604	1.4346	1.1987	1.1519	1.1632					
2015		3.6683	1.9322	1.3047	1.2958	1.4421						
2016	37.6329	1.4563	1.3491	1.2689	1.4984							
2017	86.6308	1.9083	1.8766	2.1984								
2018	39.9226	1.9252	1.8675									
2019	1,185.6224	2.1980										
2020	154.5858											
Simple Avg. - Incremental	254.3438	3.9937	1.6343	1.3945	1.2782	1.2007	1.1267	1.1216	1.0940	1.0961	1.0970	1.0857
Wtd Avg. All - Incremental	8.8813	2.2608	1.6218	1.3767	1.2598	1.2150	1.1378	1.1336	1.0990	1.0952	1.1020	1.0893
Wtd Latest Five - Incremental	77.4148	2.1401	1.7853	1.4782	1.2293	1.2444	1.1402	1.1749	1.1213	1.0991	1.0966	1.0989
Wtd Latest Three - Incremental	87.7824	2.0427	1.7915	1.5916	1.2712	1.2641	1.1490	1.1687	1.1151	1.0887	1.0965	1.1137
Wtd Avg. All - Cumulative		84.9832	37.5891	23.1774	16.8356	13.3640	10.9994	9.6675	8.5283	7.7600	7.0854	6.4294
Wtd Latest Five - Cumulative		102.2271	47.7681	26.7558	18.0999	14.7241	11.8324	10.3771	8.8323	7.8770	7.1670	6.5358
Selected Incremental - Prior 12/31/20	10.0000	2.0000	1.6433	1.3284	1.2276	1.1707	1.1502	1.1611	1.1173	1.0959	1.0958	1.0863
Selected - Incremental	82.5986	2.0914	1.7884	1.5349	1.2502	1.2542	1.1446	1.1718	1.1182	1.0939	1.0965	1.1063
Selected - Cumulative	9,447.7408	114.3814	54.6919	30.5811	19.9239	15.9360	12.7059	11.1005	9.4731	8.4718	7.7448	7.0630

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis  
 Period to Period Development Factors

Year of Birth -----	156:168 -----	168:180 -----	180:192 -----	192:204 -----	204:216 -----	216:228 -----	228:240 -----	240:252 -----	252:264 -----	264:276 -----	276:288 -----	288:300 -----
1989	1.0448	1.0460	1.0434	1.0401	1.0412	1.0351	1.0198	1.0201	1.0209	1.0298	1.0292	1.0395
1990	1.1055	1.1072	1.1024	1.0814	1.0462	1.0272	1.0253	1.0244	1.0312	1.0287	1.0368	1.0636
1991	1.0726	1.0667	1.0677	1.1006	1.2025	1.1291	1.1253	1.1030	1.1860	1.0680	1.0804	1.0768
1992	1.0625	1.0564	1.0634	1.0652	1.0693	1.0690	1.0884	1.0570	1.0822	1.0805	1.0724	1.0665
1993	1.0952	1.0661	1.0579	1.0519	1.0505	1.0519	1.0520	1.0588	1.0560	1.0463	1.0448	1.0376
1994	1.0153	1.0283	1.0272	1.0230	1.0279	1.0225	1.0323	1.0380	1.0343	1.0318	1.0314	1.0349
1995	1.1285	1.0183	1.2051	1.1350	1.0501	1.0883	1.0804	1.0817	1.0685	1.0758	1.0520	1.0537
1996	1.0681	1.0712	1.0707	1.0475	1.0460	1.0563	1.0454	1.0429	1.0510	1.0510	1.0457	1.0509
1997	1.1126	1.0897	1.1343	1.0673	1.0586	1.0588	1.0545	1.0470	1.0493	1.0500	1.0554	1.0495
1998	1.1012	1.0916	1.0983	1.0909	1.0806	1.0771	1.0710	1.0669	1.0595	1.0604	1.0616	
1999	1.0621	1.0694	1.0596	1.0493	1.0434	1.0369	1.0273	1.0258	1.0270	1.0403		
2000	1.0709	1.0640	1.0521	1.0522	1.0553	1.0589	1.0561	1.0386	1.0429			
2001	1.0739	1.0846	1.0625	1.0568	1.0629	1.0501	1.0518	1.0623				
2002	1.0926	1.0819	1.0629	1.0711	1.0620	1.0679	1.0679					
2003	1.1010	1.0821	1.0681	1.0548	1.0670	1.0864						
2004	1.0600	1.0709	1.0548	1.0778	1.0532							
2005	1.0700	1.0726	1.0866	1.0777								
2006	1.0847	1.0731	1.0888									
2007	1.0771	1.0702										
2008	1.1257											
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
Simple Avg. - Incremental	1.0812	1.0689	1.0781	1.0672	1.0636	1.0610	1.0570	1.0513	1.0591	1.0511	1.0510	1.0526
Wtd Avg. All - Incremental	1.0815	1.0702	1.0757	1.0656	1.0590	1.0593	1.0557	1.0509	1.0542	1.0517	1.0516	1.0499
Wtd Latest Five - Incremental	1.0847	1.0728	1.0735	1.0691	1.0606	1.0586	1.0577	1.0505	1.0475	1.0552	1.0528	1.0448
Wtd Latest Three - Incremental	1.0929	1.0718	1.0806	1.0721	1.0610	1.0665	1.0615	1.0408	1.0463	1.0521	1.0565	1.0512
Wtd Avg. All - Cumulative	5.9022	5.4576	5.0997	4.7410	4.4493	4.2012	3.9660	3.7568	3.5749	3.3911	3.2243	3.0660
Wtd Latest Five - Cumulative	5.9475	5.4830	5.1109	4.7608	4.4531	4.1987	3.9663	3.7501	3.5699	3.4080	3.2297	3.0677
Selected Incremental - Prior 12/31/20	1.0778	1.0765	1.0674	1.0647	1.0575	1.0610	1.0536	1.0474	1.0509	1.0557	1.0468	1.0481
Selected - Incremental	1.0888	1.0723	1.0771	1.0706	1.0608	1.0625	1.0596	1.0456	1.0469	1.0536	1.0546	1.0480
Selected - Cumulative	6.3842	5.8636	5.4682	5.0770	4.7421	4.4704	4.2074	3.9707	3.7974	3.6273	3.4427	3.2644

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis  
 Period to Period Development Factors

Year of Birth	300:312	312:324	324:336	336:348	348:360	360:372	372:384	384:396	396:Ult.
1989	1.0404	1.0402	1.0348	1.0209	1.0211	1.0185	1.0261	1.0263	
1990	1.0354	1.0308	1.0308	1.0402	1.0296	1.0326	1.0279		
1991	1.0642	1.0651	1.0681	1.0558	1.0505	1.0370			
1992	1.0676	1.0621	1.0560	1.0536	1.0377				
1993	1.0438	1.0419	1.0477	1.0439					
1994	1.0288	1.0277	1.0284						
1995	1.0572	1.0354							
1996	1.0432								
1997									
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2019									
2020									
Simple Avg. - Incremental	1.0476	1.0433	1.0443	1.0429	1.0348	1.0294	1.0270	1.0263	
Wtd Avg. All - Incremental	1.0481	1.0440	1.0455	1.0421	1.0337	1.0269	1.0266	1.0263	
Wtd Latest Five - Incremental	1.0489	1.0461	1.0481	1.0421	1.0337	1.0269	1.0266	1.0263	
Wtd Latest Three - Incremental	1.0445	1.0373	1.0467	1.0492	1.0399	1.0269	1.0266	1.0263	
Wtd Avg. All - Cumulative	2.9204	2.7865	2.6690	2.5529	2.4497	2.3699	2.3078	2.2480	2.1905
Wtd Latest Five - Cumulative	2.9361	2.7991	2.6758	2.5529	2.4497	2.3699	2.3078	2.2480	2.1905
Selected Incremental - Prior 12/31/20	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	2.3000	
Selected - Incremental	1.0500	1.0500	1.0500	1.0500	1.0400	1.0400	1.0400	1.0400	2.1905
Selected - Cumulative	3.1148	2.9665	2.8252	2.6907	2.5626	2.4640	2.3692	2.2781	2.1905

**Incremental Paid Loss & ALAE - Adjusted to Birth Year Cost Level (a)**

Year of Birth	12	24	36	48	60	72	84	96	108	120	132	144
1989			1,413,217	396,927	826,022	759,994	447,460	404,734	511,786	336,689	314,743	1,185,285
1990		355,133	342,159	334,622	228,197	83,916	245,371	61,566	95,718	79,603	74,104	67,124
1991	-	217,493	80,819	81,317	422,049	258,493	54,760	80,317	31,431	79,417	92,848	114,475
1992	2,661	125,351	562,133	770,761	702,615	316,164	278,455	249,421	196,611	209,521	214,845	295,823
1993	1,687	113,322	587,124	742,850	713,901	713,930	899,182	751,217	724,647	744,159	717,313	570,438
1994	107,772	456,105	633,608	358,325	342,729	746,413	265,404	316,254	244,181	58,648	104,994	568,664
1995	1,025	123,977	513,054	499,884	89,679	71,935	164,571	66,089	186,871	191,494	636,106	247,066
1996	1,659	342,252	503,170	366,213	397,195	507,153	568,212	273,260	299,843	263,890	299,432	300,270
1997	5,303	380,120	523,594	189,469	440,086	651,880	442,281	279,556	312,535	246,340	362,424	436,040
1998	500	618,359	808,907	700,042	603,100	386,762	1,145,650	614,696	643,850	562,808	645,579	729,636
1999	327,794	655,039	172,113	363,127	744,495	510,069	417,002	481,506	933,463	574,713	512,126	589,767
2000	188,275	626,365	382,216	557,660	278,198	204,822	147,268	155,484	151,415	133,641	247,768	187,252
2001	113,392	357,292	486,004	568,397	291,856	556,909	733,939	330,375	207,850	235,529	270,706	258,976
2002	4,952	380,788	839,501	737,500	804,302	546,796	1,257,386	791,642	839,183	702,507	784,299	976,467
2003	217,366	250,813	103,101	98,684	208,059	617,623	150,560	129,556	222,122	236,536	207,331	276,315
2004	84	247,691	648,211	481,936	248,270	405,671	353,553	329,175	181,275	250,723	287,602	253,922
2005	-	17,109	617,088	815,890	516,076	929,009	634,099	599,942	396,369	393,777	354,839	386,073
2006	-	260,141	306,803	599,842	805,055	1,438,848	812,510	594,961	536,490	502,236	539,653	653,200
2007	112,554	334,208	384,745	1,070,406	931,574	739,574	939,168	723,024	781,627	789,355	741,368	694,781
2008	-	267,521	579,728	448,487	549,908	306,732	518,261	569,269	634,193	681,750	541,017	461,106
2009	114,839	509,476	888,130	883,600	682,441	529,246	517,057	883,365	1,227,616	612,121	612,443	848,728
2010	116,166	771,370	302,406	600,954	240,358	174,109	203,134	207,809	182,890	170,228	157,543	203,679
2011	11,245	166,126	689,061	669,958	756,172	761,432	653,402	536,788	505,648	524,615	568,274	
2012	16,611	80,379	791,857	735,953	406,620	255,612	395,488	386,992	377,897	570,884		
2013	114,394	754,836	866,014	666,230	713,504	567,936	758,601	592,761	1,199,273			
2014	116,952	532,973	1,101,034	1,156,315	1,263,379	828,613	759,494	939,921				
2015	-	362,968	968,508	1,241,247	783,792	992,801	1,923,030					
2016	10,326	378,255	177,297	197,538	205,291	482,840						
2017	5,229	447,731	411,433	757,767	1,944,025							
2018	30,277	1,178,472	1,118,372	2,018,702								
2019	1,101	1,304,530	1,564,192									
2020	3,594	552,018										
2021	614,030											

Notes: (a) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit VI, Sheets 3a, 3b and 3c are adjusted to birth level cost level using factors shown in Exhibit VI, Sheets 7a, 7b and 7c.

**Incremental Paid Loss & ALAE - Adjusted to Birth Year Cost Level (a)**

Year of Birth	156	168	180	192	204	216	228	240	252	264	276	288
1989	219,441	305,474	327,734	323,153	311,766	332,976	295,143	172,201	178,977	189,251	276,047	278,106
1990	103,229	218,429	245,347	259,507	227,361	139,719	86,132	82,119	81,255	106,539	100,824	133,157
1991	100,255	117,199	115,407	124,972	198,288	439,277	336,891	369,098	341,547	680,151	294,863	372,417
1992	344,414	266,842	255,797	303,730	332,376	376,357	400,578	548,654	385,209	587,008	621,680	603,933
1993	774,404	766,449	582,693	544,549	516,361	528,814	570,208	600,847	715,515	720,700	629,747	637,846
1994	59,711	65,046	122,299	120,867	105,231	130,264	108,006	158,575	192,902	180,364	173,016	176,407
1995	289,219	396,040	63,479	725,997	575,809	242,821	449,221	445,220	488,797	443,189	524,191	386,840
1996	265,195	298,776	333,453	354,738	255,351	259,108	331,795	282,161	279,061	345,608	363,268	342,687
1997	497,478	537,012	475,996	776,433	441,166	410,387	435,382	427,527	388,661	426,954	454,369	528,748
1998	784,385	833,985	831,666	973,699	989,759	957,343	988,708	980,752	990,187	939,355	1,009,770	1,091,889
1999	630,497	429,238	509,274	467,796	410,116	378,715	336,393	258,228	249,909	269,047	411,634	
2000	194,307	245,008	236,641	204,887	216,006	241,156	271,021	273,152	198,261	229,367		
2001	367,239	353,191	433,951	347,603	335,968	392,929	332,879	361,639	457,230			
2002	948,523	890,708	860,433	714,435	858,318	802,647	932,802	996,740				
2003	395,814	314,584	281,306	252,486	217,150	280,181	385,285					
2004	227,203	235,007	294,280	243,578	364,543	268,890						
2005	411,986	425,238	471,567	603,601	588,276							
2006	518,120	641,309	600,316	782,003								
2007	782,753	695,413	682,666									
2008	665,072	781,959										
2009	1,066,268											
2010												
2011												
2012												
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Notes: (a) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit VI, Sheets 3a, 3b and 3c are adjusted to birth level cost level using factors shown in Exhibit VI, Sheets 7a, 7b and 7c.



**Incremental Paid Loss & ALAE - Adjusted to Birth Year Cost Level (a)**

Year of Birth	300	312	324	336	348	360	372	384	396
1989	387,799	411,434	425,930	383,655	239,088	246,458	220,024	315,995	326,516
1990	238,614	141,203	127,041	131,153	176,648	135,274	153,295	135,581	
1991	384,063	345,821	373,312	415,882	363,968	347,735	267,659		
1992	594,824	645,756	632,690	606,164	612,733	454,538			
1993	559,688	676,197	675,216	800,052	771,148				
1994	202,427	172,706	171,162	180,185					
1995	420,092	471,504	308,577						
1996	398,536	355,909							
1997	498,469								
1998									
1999									
2000									
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2020									
2021									

Notes: (a) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit VI, Sheets 3a, 3b and 3c are adjusted to birth level cost level using factors shown in Exhibit VI, Sheets 7a, 7b and 7c.

**Case Outstanding Loss & ALAE - Adjusted to Birth Year Cost Level (a)**

Year of Birth	12	24	36	48	60	72	84	96	108	120	132	144
1989			21,486,975	24,957,838	20,105,275	20,163,898	11,474,539	12,653,415	13,428,942	13,865,316	11,545,401	8,755,270
1990		7,134,226	17,356,555	19,812,710	18,587,441	14,885,314	14,677,004	11,689,199	10,901,940	11,011,351	11,456,895	13,571,595
1991	-	4,581,361	10,806,859	10,129,754	6,737,471	6,943,546	6,716,726	6,541,075	7,026,866	7,105,791	10,509,006	11,365,907
1992	7,600,000	10,577,943	27,828,820	15,059,226	15,896,401	13,551,059	13,692,823	14,067,199	13,242,692	15,690,181	18,403,067	19,550,025
1993	6,300,000	9,884,508	17,691,197	21,844,798	23,636,328	30,372,637	31,310,341	37,587,113	51,124,207	47,154,066	41,927,886	43,734,500
1994	3,231,000	3,754,338	6,309,773	6,529,930	8,017,725	9,816,212	15,262,836	10,304,214	6,703,039	6,262,492	6,700,873	7,079,750
1995	1,151,975	1,106,141	6,197,628	12,508,311	11,059,742	11,747,976	19,621,567	17,921,382	18,580,111	18,988,083	21,301,861	20,851,861
1996	109,339	3,793,774	7,075,920	7,325,604	13,334,214	19,438,972	21,602,611	21,857,326	27,077,154	25,010,035	27,638,650	26,545,268
1997	5,786	10,634,347	12,235,243	13,326,153	22,836,799	25,988,811	26,922,513	20,552,153	23,204,232	22,949,467	22,905,595	22,384,403
1998	2,609,600	10,341,736	16,596,310	26,617,701	28,458,648	38,415,368	33,686,214	35,922,377	40,093,062	40,045,712	41,849,871	39,011,396
1999	4,336,617	7,226,022	14,863,163	23,103,112	23,940,493	22,639,228	25,294,218	20,169,276	19,922,072	21,458,132	17,039,870	19,969,388
2000	4,187,846	17,254,338	20,270,919	22,655,015	13,522,973	12,726,576	13,740,393	13,256,981	12,995,484	16,518,898	15,181,311	11,432,920
2001	59,108	4,756,423	8,889,094	8,815,476	9,923,319	14,433,771	16,793,055	15,557,423	14,828,607	16,902,702	15,117,789	17,116,352
2002	2,717,976	11,451,633	22,366,596	27,970,628	29,612,838	33,639,817	38,451,107	52,776,241	50,128,088	57,570,306	55,411,967	53,084,691
2003	-	23,819	3,882,486	8,364,451	7,427,862	7,325,486	8,183,731	10,150,858	10,999,733	10,420,998	9,576,014	9,660,677
2004	14,916	3,173,410	9,643,333	16,625,837	20,591,170	22,257,568	18,118,079	18,126,587	16,556,448	17,062,340	16,872,706	16,496,444
2005	-	5,502,519	17,211,603	28,690,523	34,554,927	43,644,975	41,284,262	37,163,688	29,255,506	22,709,262	21,180,353	21,213,064
2006	3,121,500	6,819,184	17,826,237	30,541,148	33,499,513	42,030,761	37,919,873	36,925,905	37,162,242	38,584,141	38,022,166	33,251,571
2007	3,650,000	6,360,326	14,483,728	28,514,865	37,377,305	35,517,573	32,589,783	31,772,069	29,721,416	29,697,845	24,570,796	24,371,214
2008	2,640,000	18,951,255	26,432,846	43,512,202	41,313,879	45,178,651	42,374,152	46,819,013	42,212,884	41,339,181	39,459,215	38,557,030
2009	2,285,285	11,552,956	31,001,910	36,945,096	40,124,581	37,722,472	39,437,187	41,164,020	45,505,796	45,332,238	46,733,650	47,155,486
2010	251,122	10,769,064	20,154,792	24,083,388	22,619,361	22,768,918	21,132,503	22,367,836	22,795,969	24,574,353	24,719,052	19,375,263
2011	8,013,755	16,310,816	24,488,165	33,378,132	41,040,606	38,449,860	38,409,278	38,162,451	38,735,100	40,445,907	37,346,876	
2012	12,073,389	20,103,407	27,125,945	29,375,472	21,354,584	25,487,039	28,630,020	30,026,988	30,493,135	32,962,142		
2013	8,301,161	13,209,572	22,332,240	24,929,352	26,822,068	24,987,772	24,393,514	24,693,542	27,824,626			
2014	6,342,848	22,309,080	35,147,038	35,409,942	35,577,143	27,302,985	28,908,384	32,327,352				
2015	-	17,976,628	23,439,277	37,032,286	44,943,704	55,764,493	63,885,960					
2016	2,974,120	2,792,341	6,493,899	12,048,371	17,161,084	23,089,160						
2017	215,386	12,034,423	25,290,484	33,454,858	50,957,028							
2018	11,089,886	27,598,761	44,793,281	70,201,757								
2019	8,011,899	28,209,449	42,000,230									
2020	56,406	17,899,363										
2021	257,244											

Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit VI, Sheets 4a, 4b and 4c is adjusted to birth level cost level using factors shown in Exhibit VI, Sheets 8a, 8b and 8c.

**Case Outstanding Loss & ALAE - Adjusted to Birth Year Cost Level (a)**

Year of Birth	156	168	180	192	204	216	228	240	252	264	276	288
1989	13,128,037	10,195,809	10,519,424	11,167,847	12,679,352	16,151,833	15,291,416	14,154,068	12,291,691	12,590,386	11,818,455	11,707,185
1990	16,767,312	15,883,868	16,634,190	20,190,233	13,338,258	9,534,299	9,027,007	7,815,876	5,367,311	5,302,708	5,485,630	4,611,372
1991	10,883,426	12,964,286	13,094,321	14,780,106	16,463,592	17,082,372	15,359,004	15,143,415	15,464,664	16,854,745	15,072,445	14,917,092
1992	19,891,778	24,826,016	32,379,402	31,864,710	31,881,410	32,193,845	31,947,588	32,012,343	33,943,969	30,833,926	30,163,785	28,090,724
1993	45,289,207	40,897,015	37,239,718	35,915,445	28,240,421	28,429,541	24,302,886	25,359,801	21,102,904	20,499,165	20,259,040	19,308,008
1994	7,812,251	7,151,340	9,703,164	8,972,866	9,255,859	10,830,109	11,191,090	10,824,332	10,636,476	10,738,807	10,469,948	9,633,117
1995	18,951,994	21,408,229	22,204,291	20,276,183	18,200,352	16,589,587	17,489,874	17,155,127	16,463,558	16,248,398	16,382,101	16,322,737
1996	24,828,010	22,968,639	22,646,680	14,978,456	16,763,495	15,770,672	16,557,717	15,364,099	15,175,207	15,308,370	14,761,127	14,695,835
1997	27,857,205	31,551,760	29,197,652	26,862,182	27,062,428	24,013,583	22,628,734	22,211,864	20,348,919	20,399,920	22,474,291	22,590,392
1998	44,129,170	41,844,021	42,964,344	43,481,535	43,824,091	43,368,083	40,867,028	35,213,264	35,964,387	36,555,915	37,150,883	36,500,145
1999	16,438,485	15,770,795	15,644,782	12,379,906	12,303,041	11,376,010	10,739,979	10,893,224	9,973,316	10,000,624	8,072,523	
2000	13,307,590	10,987,652	10,957,336	10,654,052	10,546,313	11,409,926	11,461,727	9,720,229	9,881,219	7,171,471		
2001	16,030,447	15,310,556	16,114,768	16,283,539	16,118,674	16,173,443	15,156,821	15,838,093	14,205,418			
2002	48,548,032	46,261,605	42,598,803	40,213,856	40,405,964	39,012,774	40,510,793	36,173,834				
2003	8,993,611	8,668,641	10,234,412	10,094,549	8,544,082	8,617,252	6,589,974					
2004	15,717,056	18,170,253	18,503,253	19,141,576	18,136,290	20,190,451						
2005	19,932,684	20,022,356	20,513,637	20,791,559	20,092,831							
2006	34,414,925	32,856,727	34,163,668	34,098,854								
2007	23,507,798	23,803,275	22,283,519									
2008	40,058,993	41,674,890										
2009	41,829,063											
2010												
2011												
2012												
2013												
2014												
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2016												
2017												
2018												
2019												
2020												
2021												

Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit VI, Sheets 4a, 4b and 4c is adjusted to birth level cost level using factors shown in Exhibit VI, Sheets 8a, 8b and 8c.

**Case Outstanding Loss & ALAE - Adjusted to Birth Year Cost Level (a)**

Year of Birth	300	312	324	336	348	360	372	384	396
1989	10,363,204	10,118,479	9,193,368	8,800,896	7,901,502	7,805,826	8,174,613	7,862,131	8,529,188
1990	4,154,115	4,066,207	3,988,890	4,321,058	4,157,990	4,040,795	4,383,074	5,738,279	
1991	14,739,870	14,459,901	13,527,338	13,241,389	13,114,521	11,911,180	10,037,653		
1992	27,417,141	26,811,178	26,330,388	24,534,335	24,630,436	25,016,929			
1993	17,979,385	17,631,750	19,165,383	19,094,857	22,240,736				
1994	9,560,269	9,722,333	9,888,929	11,819,337					
1995	16,111,870	16,087,956	17,069,996						
1996	14,897,493	13,838,365							
1997	26,598,998								
1998									
1999									
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Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit VI, Sheets 4a, 4b and 4c is adjusted to birth level cost level using factors shown in Exhibit VI, Sheets 8a, 8b and 8c.





















Incurred Loss & ALAE - Actual - Without Retroactive Payments  
 Period to Period Development Factors

Year of Birth	12:24	24:36	36:48	48:60	60:72	72:84	84:96	96:108	108:120	120:132	132:144	144:156
1989			1.1744	0.8543	1.0412	0.6543	1.1075	1.0798	1.0456	0.8987	0.9151	1.2984
1990		2.4220	1.1597	0.9562	0.8207	1.0065	0.8224	0.9509	1.0184	1.0446	1.1665	1.2166
1991		2.3233	0.9502	0.7214	1.0665	0.9810	0.9907	1.0700	1.0234	1.4189	1.0858	0.9736
1992	1.4142	2.6751	0.5821	1.0982	0.8905	1.0292	1.0416	0.9673	1.1647	1.1572	1.0690	1.0723
1993	1.5932	1.8466	1.2715	1.1109	1.2925	1.0597	1.2054	1.3425	0.9470	0.9187	1.0940	1.0542
1994	1.2986	1.7460	1.0802	1.2298	1.2624	1.4630	0.7477	0.7556	0.9648	1.0898	1.1012	1.1054
1995	1.0725	5.5680	2.0016	0.9035	1.0660	1.6206	0.9259	1.0468	1.0764	1.1515	1.0344	0.9354
1996	37.3877	1.9207	1.0819	1.7570	1.4471	1.1315	1.0249	1.2765	0.9478	1.1506	0.9788	0.9899
1997	996.5462	1.1974	1.1019	1.6952	1.1610	1.0522	0.8291	1.1356	1.0422	1.0164	1.0360	1.2328
1998	4.2153	1.6517	1.5998	1.0893	1.3353	0.9552	1.0838	1.1666	1.0156	1.0958	0.9599	1.1329
1999	1.7677	1.9569	1.5430	1.0680	1.0133	1.1301	0.8710	1.0324	1.1283	0.8540	1.1627	0.8920
2000	4.1424	1.1927	1.1407	0.6653	0.9689	1.1230	0.9833	1.0312	1.2422	0.9458	0.8050	1.2357
2001	30.4308	1.8898	1.0961	1.1442	1.4939	1.1894	0.9903	0.9754	1.1308	0.9299	1.2091	0.9706
2002	4.3608	2.0876	1.2791	1.1297	1.1466	1.2134	1.3599	0.9718	1.1506	1.0642	0.9839	0.9419
2003	2.2852	9.4366	2.1257	0.9218	1.1034	1.1200	1.2197	1.0956	1.0539	0.9533	1.0315	0.9775
2004	230.1432	3.2195	1.7174	1.2874	1.0985	0.8468	1.0216	1.0122	1.0458	1.0064	0.9952	0.9881
2005		3.2464	1.7645	1.2172	1.2797	0.9677	1.0040	0.8219	0.8174	0.9582	1.0322	0.9685
2006	2.2800	2.7154	1.7332	1.1243	1.2897	1.0115	0.9972	1.0206	1.0472	1.0171	0.9090	1.0440
2007	1.8919	2.2625	1.9962	1.3290	1.0607	0.9556	0.9994	0.9674	1.0387	0.8810	1.0174	1.0053
2008	7.3127	1.4254	1.6492	1.0549	1.1043	0.9533	1.1132	0.9376	0.9977	0.9726	0.9989	1.0509
2009	5.0891	2.6816	1.3221	1.1049	0.9572	1.0552	1.0782	1.1221	1.0096	1.0475	1.0242	0.9278
2010	31.8819	2.0011	1.2194	0.9534	1.0143	0.9587	1.0634	1.0262	1.0864	1.0124	0.8191	
2011	2.2546	1.5457	1.3786	1.2424	0.9742	1.0156	1.0079	1.0341	1.0527	0.9507		
2012	1.6829	1.3896	1.1085	0.7684	1.1903	1.1298	1.0668	1.0273	1.0989			
2013	1.6764	1.7125	1.1567	1.0976	0.9595	1.0145	1.0326	1.1551				
2014	3.5604	1.6383	1.0405	1.0393	0.8195	1.0750	1.1349					
2015		1.3532	1.6023	1.2312	1.2469	1.1772						
2016	1.0687	2.2238	1.8322	1.4178	1.3659							
2017	56.7321	2.1152	1.3436	1.5685								
2018	2.6164	1.6387	1.5964									
2019	3.6906	1.5340										
2020	310.4514											
Simple Avg. - Incremental	64.7721	2.3539	1.3883	1.1304	1.1239	1.0700	1.0278	1.0409	1.0478	1.0233	1.0195	1.0483
Wtd Avg. All - Incremental	3.4507	1.8207	1.3449	1.1208	1.1102	1.0478	1.0444	1.0417	1.0388	1.0072	1.0064	1.0287
Wtd Latest Five - Incremental	4.1521	1.6322	1.4174	1.2515	1.0919	1.0919	1.0583	1.0747	1.0403	0.9749	0.9641	0.9971
Wtd Latest Three - Incremental	4.0272	1.6790	1.5346	1.3930	1.1074	1.1116	1.0813	1.0650	1.0757	1.0044	0.9702	0.9885
Wtd Avg. All - Cumulative	19.5827	5.6751	3.1169	2.3176	2.0678	1.8626	1.7775	1.7020	1.6339	1.5730	1.5617	1.5518
Wtd Latest Five - Cumulative	25.0737	6.0388	3.6998	2.6103	2.0857	1.9102	1.7495	1.6531	1.5381	1.4786	1.5167	1.5732

Incurred Loss & ALAE - Actual - Without Retroactive Payments  
 Period to Period Development Factors

Year of Birth -----	156:168 -----	168:180 -----	180:192 -----	192:204 -----	204:216 -----	216:228 -----	228:240 -----	240:252 -----	252:264 -----	264:276 -----	276:288 -----	288:300 -----
1989	0.8735	1.0410	1.0859	1.1040	1.2237	0.9805	0.9873	0.9274	1.0270	0.9810	1.0665	0.9572
1990	0.9685	1.1014	1.2098	0.7403	0.7771	0.9999	0.9090	0.7844	1.0096	1.0984	0.9180	0.9748
1991	1.2274	1.0251	1.1703	1.1186	1.1016	0.9340	1.0137	1.0424	1.2010	0.9346	1.0137	1.0129
1992	1.2256	1.3212	0.9989	1.0500	1.0230	1.0079	1.0218	1.1488	0.9433	1.0009	0.9629	1.0139
1993	0.9700	0.9415	1.0195	0.8442	1.0227	0.9123	1.1206	0.9058	1.0055	1.0138	1.0030	0.9777
1994	0.9524	1.2806	0.9585	1.0327	1.1316	1.1047	0.9917	1.0019	1.0204	1.0078	0.9577	1.0107
1995	1.1763	1.0384	0.9578	0.9439	1.0127	1.0704	1.0067	0.9926	1.0253	1.0312	1.0159	1.0162
1996	0.9494	1.0039	0.7351	1.1863	0.9713	1.0555	0.9596	1.0190	1.0245	0.9929	1.0202	1.0293
1997	1.1355	0.9531	1.0333	1.0257	0.9218	0.9702	1.0155	0.9514	1.0186	1.0971	1.0222	1.1511
1998	0.9767	1.1241	1.0349	1.0266	1.0105	0.9874	0.9130	1.0375	1.0379	1.0323	1.0146	
1999	1.0588	1.0222	0.8759	1.0179	0.9838	0.9853	1.0228	0.9703	1.0167	0.9229		
2000	0.8765	1.0158	0.9942	1.0224	1.0791	1.0223	0.9119	1.0265	0.8324			
2001	0.9827	1.0638	1.0400	1.0092	1.0220	0.9754	1.0502	0.9524				
2002	0.9764	0.9646	0.9694	1.0218	0.9957	1.0483	0.9432					
2003	1.0130	1.1592	1.0092	0.9075	1.0292	0.8726						
2004	1.1417	1.0303	1.0477	0.9738	1.1105							
2005	1.0216	1.0447	1.0337	1.0025								
2006	0.9864	1.0485	1.0247									
2007	1.0323	0.9814										
2008	1.0605											
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
Simple Avg. - Incremental	1.0303	1.0611	1.0110	1.0016	1.0260	0.9951	0.9905	0.9816	1.0135	1.0103	0.9995	1.0160
Wtd Avg. All - Incremental	1.0216	1.0424	1.0034	0.9967	1.0176	0.9960	0.9878	0.9946	1.0128	1.0115	1.0044	1.0240
Wtd Latest Five - Incremental	1.0399	1.0388	1.0090	0.9965	1.0341	1.0033	0.9536	0.9934	1.0062	1.0247	1.0113	1.0425
Wtd Latest Three - Incremental	1.0267	1.0255	1.0331	0.9716	1.0297	1.0040	0.9629	0.9774	0.9973	1.0300	1.0180	1.0757
Wtd Avg. All - Cumulative	1.5085	1.4767	1.4166	1.4118	1.4165	1.3920	1.3976	1.4148	1.4226	1.4046	1.3886	1.3824
Wtd Latest Five - Cumulative	1.5778	1.5173	1.4606	1.4476	1.4527	1.4048	1.4002	1.4683	1.4780	1.4690	1.4337	1.4176

Incurred Loss & ALAE - Actual - Without Retroactive Payments  
 Period to Period Development Factors

Year of Birth -----	300:312 -----	312:324 -----	324:336 -----	336:348 -----	348:360 -----	360:372 -----	372:384 -----	384:396 -----	396:Ult. -----
1989	1.0114	0.9764	1.0106	0.9660	1.0104	1.0383	1.0021	1.0594	
1990	1.0092	1.0182	1.0631	1.0041	1.0083	1.0635	1.1813		
1991	1.0190	0.9741	1.0093	1.0201	0.9581	0.9198			
1992	1.0034	1.0065	0.9746	1.0223	1.0308				
1993	1.0123	1.0766	1.0232	1.1204					
1994	1.0301	1.0242	1.1470						
1995	1.0205	1.0608							
1996	0.9740								
1997									
1998									
1999									
2000									
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2014									
2015									
2016									
2017									
2018									
2019									
2020									
Simple Avg. - Incremental	1.0100	1.0195	1.0380	1.0266	1.0019	1.0072	1.0917	1.0594	
Wtd Avg. All - Incremental	1.0087	1.0239	1.0227	1.0409	1.0065	0.9934	1.0587	1.0594	
Wtd Latest Five - Incremental	1.0067	1.0314	1.0247	1.0409	1.0065	0.9934	1.0587	1.0594	
Wtd Latest Three - Incremental	1.0057	1.0601	1.0247	1.0600	1.0054	0.9934	1.0587	1.0594	
Wtd Avg. All - Cumulative	1.3501	1.3384	1.3072	1.2782	1.2280	1.2201	1.2282	1.1602	1.0951
Wtd Latest Five - Cumulative	1.3599	1.3509	1.3098	1.2782	1.2280	1.2201	1.2282	1.1602	1.0951









Paid Loss & ALAE - Actual - Without Retroactive Payments  
 Period to Period Development Factors

Year of Birth	12:24	24:36	36:48	48:60	60:72	72:84	84:96	96:108	108:120	120:132	132:144	144:156
1989			1.2850	1.4690	1.2975	1.1364	1.1097	1.1262	1.0744	1.0653	1.2332	1.0354
1990		1.9775	1.4913	1.2276	1.0689	1.1904	1.0405	1.0611	1.0483	1.0433	1.0380	1.0570
1991		1.3776	1.2794	2.1447	1.3305	1.0531	1.0746	1.0274	1.0681	1.0754	1.0875	1.0711
1992	48.8696	5.4497	2.1307	1.4890	1.1491	1.1154	1.0935	1.0681	1.0686	1.0667	1.0869	1.0944
1993	69.0456	6.1571	2.0713	1.5016	1.3371	1.3206	1.2048	1.1657	1.1477	1.1253	1.0898	1.1134
1994	5.2745	2.1381	1.3038	1.2249	1.4037	1.1033	1.1127	1.0792	1.0178	1.0317	1.1689	1.0153
1995	123.2712	5.1420	1.7921	1.0801	1.0600	1.1309	1.0471	1.1283	1.1182	1.3561	1.1030	1.1108
1996	209.1748	2.4766	1.4381	1.3337	1.3228	1.2767	1.1053	1.1060	1.0855	1.0903	1.0841	1.0730
1997	73.3417	2.3718	1.2113	1.4095	1.4356	1.2079	1.1103	1.1126	1.0806	1.1112	1.1282	1.1395
1998	1,249.6660	2.3199	1.4975	1.2897	1.1455	1.3815	1.1503	1.1382	1.1075	1.1186	1.1290	1.1238
1999	3.0178	1.1775	1.3219	1.5042	1.2329	1.1566	1.1579	1.2679	1.1385	1.1167	1.1213	1.1168
2000	4.3617	1.4760	1.4752	1.1630	1.1046	1.0688	1.0688	1.0668	1.0595	1.1049	1.0725	1.0707
2001	4.1893	2.0458	1.6063	1.1965	1.3165	1.3210	1.1165	1.0706	1.0754	1.0813	1.0725	1.0964
2002	78.6535	3.2074	1.6131	1.4186	1.2033	1.4137	1.1983	1.1768	1.1270	1.1268	1.1409	1.1206
2003	2.1702	1.2248	1.1774	1.3219	1.7697	1.1141	1.0888	1.1413	1.1328	1.1034	1.1255	1.1604
2004	2,991.2024	3.6419	1.5465	1.1939	1.2855	1.1951	1.1535	1.0739	1.0957	1.1007	1.0811	1.0676
2005		37.5445	2.3705	1.3936	1.5124	1.2335	1.1805	1.1016	1.0921	1.0763	1.0777	1.0774
2006		2.2560	2.1714	1.7297	1.7615	1.2460	1.1454	1.1151	1.0970	1.0957	1.1063	1.0766
2007	4.1622	1.9412	2.3595	1.5065	1.2690	1.2707	1.1649	1.1536	1.1354	1.1127	1.0954	1.0986
2008		3.1840	1.5359	1.4312	1.1690	1.2456	1.2174	1.2003	1.1805	1.1219	1.0931	1.1233
2009	5.4711	2.4388	1.5915	1.2887	1.1747	1.1459	1.2190	1.2511	1.1006	1.0919	1.1171	1.1328
2010	7.7065	1.3438	1.5113	1.1361	1.0871	1.0941	1.0885	1.0719	1.0628	1.0549	1.0679	
2011	15.8890	4.9088	1.7785	1.4960	1.3362	1.2172	1.1473	1.1216	1.1129	1.1109		
2012	5.8665	9.2174	1.8319	1.2526	1.1275	1.1758	1.1472	1.1257	1.1702			
2013	7.6350	2.0010	1.3875	1.3008	1.1850	1.2097	1.1359	1.2442				
2014	5.5752	2.7070	1.6661	1.4389	1.2012	1.1540	1.1667					
2015		3.6840	1.9382	1.3074	1.2988	1.4497						
2016	37.8482	1.4585	1.3523	1.2716	1.5069							
2017	87.0377	1.9136	1.8822	2.2133								
2018	40.1453	1.9284	1.8769									
2019	1,189.5094	2.2089										
2020	155.9768											
Simple Avg. - Incremental	257.0025	4.0307	1.6498	1.4046	1.2890	1.2084	1.1325	1.1278	1.0999	1.1036	1.1054	1.0940
Wtd Avg. All - Incremental	8.9684	2.2772	1.6359	1.3868	1.2707	1.2231	1.1443	1.1398	1.1052	1.1024	1.1106	1.0976
Wtd Latest Five - Incremental	77.8180	2.1475	1.7922	1.4834	1.2322	1.2485	1.1430	1.1792	1.1251	1.1027	1.0999	1.1018
Wtd Latest Three - Incremental	88.2406	2.0494	1.7991	1.5977	1.2746	1.2686	1.1520	1.1725	1.1181	1.0913	1.0994	1.1169
Wtd Avg. All - Cumulative	963.9841	107.4872	47.2005	28.8536	20.8057	16.3734	13.3869	11.6986	10.2639	9.2867	8.4243	7.5857
Wtd Latest Five - Cumulative	9,357.7276	120.2514	55.9966	31.2444	21.0622	17.0926	13.6908	11.9777	10.1578	9.0284	8.1879	7.4442

Paid Loss & ALAE - Actual - Without Retroactive Payments  
 Period to Period Development Factors

Year of Birth -----	156:168 -----	168:180 -----	180:192 -----	192:204 -----	204:216 -----	216:228 -----	228:240 -----	240:252 -----	252:264 -----	264:276 -----	276:288 -----	288:300 -----
1989	1.0481	1.0498	1.0474	1.0443	1.0457	1.0393	1.0235	1.0257	1.0267	1.0383	1.0374	1.0506
1990	1.1152	1.1177	1.1130	1.0898	1.0513	1.0320	1.0319	1.0308	1.0395	1.0363	1.0465	1.0801
1991	1.0787	1.0729	1.0743	1.1112	1.2360	1.1576	1.1503	1.1221	1.2184	1.0782	1.0921	1.0873
1992	1.0678	1.0614	1.0696	1.0759	1.0859	1.0849	1.1082	1.0691	1.0991	1.0960	1.0854	1.0780
1993	1.1018	1.0712	1.0661	1.0633	1.0615	1.0631	1.0630	1.0710	1.0671	1.0552	1.0533	1.0447
1994	1.0167	1.0328	1.0338	1.0287	1.0349	1.0281	1.0404	1.0475	1.0426	1.0394	1.0389	1.0432
1995	1.1454	1.0219	1.2470	1.1587	1.0582	1.1023	1.0925	1.0933	1.0779	1.0860	1.0587	1.0606
1996	1.0825	1.0857	1.0848	1.0567	1.0548	1.0669	1.0535	1.0506	1.0600	1.0598	1.0535	1.0592
1997	1.1332	1.1052	1.1565	1.0773	1.0671	1.0670	1.0621	1.0535	1.0560	1.0568	1.0627	1.0561
1998	1.1183	1.1063	1.1131	1.1039	1.0914	1.0871	1.0799	1.0751	1.0666	1.0674	1.0689	
1999	1.0717	1.0799	1.0683	1.0563	1.0495	1.0422	1.0312	1.0295	1.0309	1.0463		
2000	1.0837	1.0750	1.0606	1.0607	1.0643	1.0682	1.0647	1.0442	1.0495			
2001	1.0851	1.0967	1.0711	1.0645	1.0712	1.0567	1.0585	1.0705				
2002	1.1015	1.0896	1.0687	1.0776	1.0677	1.0739	1.0742					
2003	1.1106	1.0896	1.0741	1.0597	1.0729	1.0943						
2004	1.0659	1.0777	1.0601	1.0851	1.0583							
2005	1.0745	1.0773	1.0922	1.0830								
2006	1.0886	1.0764	1.0933									
2007	1.0800	1.0734										
2008	1.1302											
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
Simple Avg. - Incremental	1.0900	1.0769	1.0886	1.0763	1.0732	1.0709	1.0667	1.0602	1.0695	1.0600	1.0597	1.0622
Wtd Avg. All - Incremental	1.0898	1.0781	1.0854	1.0747	1.0678	1.0685	1.0647	1.0597	1.0639	1.0606	1.0605	1.0591
Wtd Latest Five - Incremental	1.0885	1.0772	1.0790	1.0755	1.0672	1.0653	1.0647	1.0572	1.0542	1.0628	1.0604	1.0523
Wtd Latest Three - Incremental	1.0961	1.0754	1.0857	1.0779	1.0666	1.0731	1.0684	1.0465	1.0524	1.0588	1.0640	1.0584
Wtd Avg. All - Cumulative	6.9109	6.3412	5.8816	5.4187	5.0421	4.7222	4.4193	4.1507	3.9168	3.6816	3.4712	3.2733
Wtd Latest Five - Cumulative	6.7563	6.2069	5.7619	5.3398	4.9648	4.6524	4.3672	4.1019	3.8798	3.6804	3.4631	3.2659

Paid Loss & ALAE - Actual - Without Retroactive Payments  
 Period to Period Development Factors

Year of Birth	300:312	312:324	324:336	336:348	348:360	360:372	372:384	384:396	396:Ult.
1989	1.0514	1.0508	1.0438	1.0263	1.0266	1.0232	1.0327	1.0330	
1990	1.0440	1.0382	1.0382	1.0498	1.0366	1.0401	1.0344		
1991	1.0728	1.0737	1.0768	1.0628	1.0566	1.0416			
1992	1.0791	1.0721	1.0648	1.0617	1.0435				
1993	1.0519	1.0496	1.0561	1.0517					
1994	1.0355	1.0341	1.0350						
1995	1.0643	1.0399							
1996	1.0504								
1997									
1998									
1999									
2000									
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2017									
2018									
2019									
2020									
Simple Avg. - Incremental	1.0562	1.0512	1.0525	1.0505	1.0408	1.0350	1.0336	1.0330	
Wtd Avg. All - Incremental	1.0571	1.0523	1.0543	1.0499	1.0399	1.0324	1.0332	1.0330	
Wtd Latest Five - Incremental	1.0575	1.0539	1.0568	1.0499	1.0399	1.0324	1.0332	1.0330	
Wtd Latest Three - Incremental	1.0519	1.0438	1.0552	1.0571	1.0462	1.0324	1.0332	1.0330	
Wtd Avg. All - Cumulative	3.0907	2.9237	2.7783	2.6353	2.5101	2.4137	2.3380	2.2628	2.1905
Wtd Latest Five - Cumulative	3.1037	2.9350	2.7850	2.6353	2.5101	2.4137	2.3380	2.2628	2.1905

**Incremental Paid Loss & ALAE - Inflation Factors - Based on Accident Year Factors**

Year of Birth C.Y Ending	1989 12/31/1989	1990 12/31/1990	1991 12/31/1991	1992 12/31/1992	1993 12/31/1993	1994 12/31/1994	1995 12/31/1995	1996 12/31/1996	1997 12/31/1997	1998 12/31/1998	1999 12/31/1999	2000 12/31/2000
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 - 1/1 to 12/31	1.75%	1.75%	1.49%	1.46%	1.62%	1.30%	1.00%	1.09%	0.91%	0.92%	0.97%	0.98%
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 - 1/1 to 12/31	0.81%	0.81%	0.53%	0.47%	0.42%	0.39%	0.35%	0.37%	0.24%	0.26%	0.35%	0.42%
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 - 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%

Year of Birth	12	24	36	48	60	72	84	96	108	120	132	144
1989	1.000	1.017	1.033	1.048	1.065	1.078	1.089	1.101	1.111	1.121	1.132	1.143
1990	1.000	1.015	1.030	1.046	1.060	1.071	1.082	1.092	1.102	1.113	1.124	1.135
1991	1.000	1.015	1.031	1.044	1.055	1.066	1.076	1.086	1.096	1.107	1.119	1.132
1992	1.000	1.016	1.029	1.040	1.051	1.061	1.070	1.081	1.091	1.103	1.116	1.127
1993	1.000	1.013	1.023	1.034	1.044	1.053	1.063	1.074	1.085	1.098	1.109	1.125
1994	1.000	1.010	1.021	1.030	1.040	1.050	1.060	1.071	1.084	1.095	1.110	1.126
1995	1.000	1.011	1.020	1.029	1.039	1.050	1.061	1.073	1.084	1.099	1.115	1.126
1996	1.000	1.009	1.018	1.028	1.038	1.049	1.062	1.072	1.088	1.103	1.114	1.128
1997	1.000	1.009	1.019	1.029	1.040	1.052	1.063	1.078	1.093	1.104	1.118	1.191
1998	1.000	1.010	1.020	1.030	1.043	1.053	1.068	1.083	1.094	1.108	1.180	1.270
1999	1.000	1.010	1.020	1.033	1.043	1.058	1.073	1.083	1.097	1.169	1.258	1.268
2000	1.000	1.010	1.023	1.033	1.047	1.062	1.073	1.087	1.157	1.246	1.255	1.268
2001	1.000	1.012	1.022	1.037	1.051	1.062	1.076	1.145	1.233	1.242	1.255	1.265
2002	1.000	1.010	1.024	1.039	1.049	1.063	1.132	1.218	1.227	1.240	1.249	1.256
2003	1.000	1.014	1.028	1.039	1.052	1.121	1.206	1.215	1.228	1.237	1.244	1.251
2004	1.000	1.014	1.024	1.038	1.105	1.189	1.198	1.210	1.220	1.227	1.234	1.238
2005	1.000	1.010	1.023	1.090	1.173	1.182	1.194	1.203	1.210	1.216	1.221	1.230
2006	1.000	1.013	1.079	1.161	1.170	1.182	1.191	1.198	1.205	1.209	1.218	1.225
2007	1.000	1.065	1.146	1.155	1.167	1.176	1.182	1.189	1.194	1.202	1.209	1.215
2008	1.000	1.076	1.085	1.095	1.104	1.110	1.116	1.121	1.128	1.135	1.140	1.147
2009	1.000	1.008	1.018	1.026	1.032	1.037	1.041	1.049	1.055	1.060	1.066	1.069
2010	1.000	1.010	1.018	1.024	1.029	1.033	1.040	1.047	1.052	1.058	1.061	1.071
2011	1.000	1.008	1.014	1.019	1.023	1.030	1.036	1.041	1.047	1.051	1.060	
2012	1.000	1.006	1.011	1.015	1.022	1.028	1.033	1.039	1.042	1.052		
2013	1.000	1.006	1.010	1.016	1.022	1.027	1.033	1.037	1.046			
2014	1.000	1.004	1.011	1.017	1.022	1.027	1.031	1.040				
2015	1.000	1.007	1.013	1.018	1.023	1.027	1.036					
2016	1.000	1.006	1.011	1.016	1.020	1.029						
2017	1.000	1.005	1.011	1.014	1.023							
2018	1.000	1.006	1.009	1.018								
2019	1.000	1.003	1.012									
2020	1.000	1.009										
2021	1.000											

Note: (a) See Exhibit VII, Sheets 1a through 1d

**Incremental Paid Loss & ALAE - Inflation Factors - Based on Accident Year Factors**

Year of Birth C.Y Ending	2001 12/31/2001	2002 12/31/2002	2003 12/31/2003	2004 12/31/2004	2005 12/31/2005	2006 12/31/2006	2007 12/31/2007	2008 12/31/2008	2009 12/31/2009	2010 12/31/2010	2011 12/31/2011	2012 12/31/2012
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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 - 1/1 to 12/31	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%	7.62%	0.78%	1.00%	0.78%

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 - 1/1 to 12/31	0.30%	0.38%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%	0.35%	0.29%	0.42%	9.83%

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 - 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%

Year of Birth	156	168	180	192	204	216	228	240	252	264	276	288
1989	1.155	1.169	1.181	1.198	1.214	1.226	1.243	1.323	1.424	1.435	1.450	1.461
1990	1.149	1.161	1.177	1.194	1.205	1.221	1.301	1.400	1.411	1.425	1.436	1.444
1991	1.144	1.160	1.176	1.188	1.203	1.282	1.379	1.390	1.404	1.415	1.423	1.431
1992	1.143	1.159	1.171	1.186	1.263	1.359	1.370	1.384	1.394	1.402	1.410	1.416
1993	1.141	1.152	1.167	1.243	1.338	1.348	1.362	1.372	1.380	1.388	1.393	1.403
1994	1.137	1.152	1.227	1.320	1.331	1.344	1.355	1.362	1.370	1.375	1.385	1.393
1995	1.141	1.215	1.307	1.318	1.331	1.341	1.349	1.356	1.362	1.371	1.379	1.386
1996	1.202	1.293	1.303	1.316	1.327	1.334	1.342	1.347	1.356	1.364	1.371	1.378
1997	1.282	1.292	1.305	1.315	1.322	1.329	1.335	1.344	1.352	1.358	1.366	1.371
1998	1.280	1.293	1.303	1.310	1.317	1.323	1.332	1.339	1.346	1.354	1.358	1.370
1999	1.280	1.290	1.298	1.305	1.310	1.319	1.327	1.333	1.341	1.345	1.357	
2000	1.278	1.285	1.292	1.297	1.306	1.314	1.320	1.328	1.332	1.344		
2001	1.272	1.279	1.284	1.293	1.300	1.306	1.314	1.318	1.330			
2002	1.263	1.268	1.277	1.285	1.291	1.298	1.298	1.302	1.314			
2003	1.256	1.265	1.272	1.278	1.285	1.290	1.301					
2004	1.247	1.254	1.260	1.267	1.272	1.283						
2005	1.237	1.243	1.250	1.254	1.265							
2006	1.231	1.238	1.242	1.253								
2007	1.222	1.226	1.237									
2008	1.151	1.161										
2009	1.079											
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
2021												

Note: (a) See Exhibit VII, Sheets 1a through 1d



**Incremental Paid Loss & ALAE - Inflation Factors - Based on Accident Year Factors**

Year of Birth C.Y Ending	2013 12/31/2013	2014 12/31/2014	2015 12/31/2015	2016 12/31/2016	2017 12/31/2017	2018 12/31/2018	2019 12/31/2019	2020 12/31/2020	2021 12/31/2021
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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%	0.91%
B. Accident Year - 1/1 to 12/31	0.57%	0.55%	0.40%	0.69%	0.59%	0.48%	0.57%	0.33%	0.91%

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%	0.93%
B. Accident Year - 1/1 to 12/31	0.72%	0.19%	0.17%	2.01%	0.22%	0.22%	1.01%	0.19%	0.93%

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%	0.93%
B. Accident Year - 1/1 to 12/31	0.71%	0.23%	0.19%	1.87%	0.26%	0.25%	0.97%	0.20%	0.93%

Year of Birth	300	312	324	336	348	360	372	384	396
1989	1.469	1.477	1.483	1.493	1.502	1.509	1.518	1.523	1.537
1990	1.452	1.458	1.468	1.476	1.483	1.492	1.497	1.510	
1991	1.436	1.446	1.455	1.462	1.470	1.475	1.488		
1992	1.425	1.434	1.441	1.449	1.454	1.467			
1993	1.411	1.418	1.426	1.430	1.443				
1994	1.399	1.407	1.412	1.425					
1995	1.393	1.398	1.411						
1996	1.383	1.396							
1997	1.383								
1998									
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2019									
2020									
2021									

Note: (a) See Exhibit VII, Sheets 1a through 1d

**Case Outstanding Loss & ALAE - Inflation Factors - Based on Accident Year Factors**

Year of Birth C.Y Ending	1989 12/31/1989	1990 12/31/1990	1991 12/31/1991	1992 12/31/1992	1993 12/31/1993	1994 12/31/1994	1995 12/31/1995	1996 12/31/1996	1997 12/31/1997	1998 12/31/1998	1999 12/31/1999	2000 12/31/2000
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 - 1/1 to 12/31	1.75%	1.75%	1.49%	1.46%	1.62%	1.30%	1.00%	1.09%	0.91%	0.92%	0.97%	0.98%
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 - 1/1 to 12/31	0.81%	0.81%	0.53%	0.47%	0.42%	0.39%	0.35%	0.37%	0.24%	0.26%	0.35%	0.42%
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 - 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%

Year of Birth -----	12 -----	24 -----	36 -----	48 -----	60 -----	72 -----	84 -----	96 -----	108 -----	120 -----	132 -----	144 -----
1989	1.000	1.008	1.013	1.018	1.022	1.026	1.030	1.034	1.036	1.039	1.043	1.047
1990	1.000	1.005	1.010	1.014	1.018	1.022	1.026	1.028	1.031	1.034	1.038	1.042
1991	1.000	1.005	1.009	1.013	1.016	1.020	1.023	1.025	1.029	1.033	1.036	1.040
1992	1.000	1.004	1.008	1.012	1.015	1.018	1.020	1.024	1.028	1.031	1.035	1.038
1993	1.000	1.004	1.007	1.011	1.014	1.016	1.020	1.024	1.027	1.031	1.034	1.085
1994	1.000	1.003	1.007	1.010	1.012	1.016	1.020	1.023	1.027	1.030	1.081	1.090
1995	1.000	1.004	1.006	1.009	1.012	1.016	1.019	1.023	1.026	1.077	1.086	1.139
1996	1.000	1.002	1.005	1.008	1.013	1.016	1.020	1.022	1.073	1.082	1.135	1.141
1997	1.000	1.003	1.006	1.010	1.013	1.017	1.020	1.070	1.080	1.132	1.138	1.190
1998	1.000	1.003	1.008	1.011	1.014	1.017	1.068	1.077	1.129	1.135	1.187	1.191
1999	1.000	1.004	1.007	1.011	1.014	1.064	1.073	1.125	1.131	1.182	1.187	1.190
2000	1.000	1.003	1.007	1.010	1.060	1.069	1.121	1.126	1.178	1.182	1.185	1.190
2001	1.000	1.004	1.007	1.056	1.066	1.117	1.123	1.174	1.178	1.182	1.187	1.303
2002	1.000	1.003	1.052	1.062	1.113	1.119	1.170	1.174	1.177	1.182	1.298	1.308
2003	1.000	1.049	1.059	1.110	1.115	1.166	1.170	1.174	1.179	1.295	1.304	1.306
2004	1.000	1.009	1.058	1.063	1.111	1.115	1.118	1.123	1.234	1.243	1.245	1.247
2005	1.000	1.049	1.054	1.102	1.106	1.109	1.114	1.223	1.232	1.234	1.236	1.261
2006	1.000	1.005	1.051	1.054	1.057	1.062	1.166	1.175	1.177	1.179	1.203	1.205
2007	1.000	1.046	1.049	1.052	1.057	1.161	1.169	1.171	1.173	1.197	1.199	1.202
2008	1.000	1.004	1.006	1.011	1.110	1.118	1.120	1.122	1.145	1.147	1.150	1.161
2009	1.000	1.003	1.007	1.106	1.114	1.116	1.118	1.141	1.143	1.146	1.157	1.159
2010	1.000	1.004	1.103	1.111	1.113	1.115	1.137	1.140	1.142	1.154	1.156	1.167
2011	1.000	1.098	1.106	1.108	1.110	1.133	1.135	1.138	1.149	1.151	1.162	
2012	1.000	1.007	1.009	1.011	1.031	1.033	1.036	1.046	1.048	1.058		
2013	1.000	1.002	1.004	1.024	1.026	1.028	1.039	1.041	1.050			
2014	1.000	1.002	1.022	1.024	1.026	1.037	1.039	1.048				
2015	1.000	1.020	1.022	1.025	1.035	1.037	1.047					
2016	1.000	1.002	1.004	1.015	1.017	1.026						
2017	1.000	1.002	1.012	1.014	1.024							
2018	1.000	1.010	1.012	1.022								
2019	1.000	1.002	1.011									
2020	1.000	1.009										
2021	1.000											

Note: (a) See Exhibit VII, Sheets 1a through 1d

**Case Outstanding Loss & ALAE - Inflation Factors - Based on Accident Year Factors**

Year of Birth C.Y Ending	2001 12/31/2001	2002 12/31/2002	2003 12/31/2003	2004 12/31/2004	2005 12/31/2005	2006 12/31/2006	2007 12/31/2007	2008 12/31/2008	2009 12/31/2009	2010 12/31/2010	2011 12/31/2011	2012 12/31/2012
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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 - 1/1 to 12/31	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%	7.62%	0.78%	1.00%	0.78%

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 - 1/1 to 12/31	0.30%	0.38%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%	0.35%	0.29%	0.42%	9.83%

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 - 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%

Year of Birth -----	156 -----	168 -----	180 -----	192 -----	204 -----	216 -----	228 -----	240 -----	252 -----	264 -----	276 -----	288 -----
1989	1.050	1.054	1.057	1.109	1.119	1.173	1.179	1.233	1.237	1.241	1.246	1.368
1990	1.046	1.049	1.100	1.110	1.164	1.170	1.223	1.227	1.231	1.236	1.357	1.367
1991	1.043	1.095	1.104	1.158	1.163	1.216	1.221	1.224	1.229	1.350	1.360	1.363
1992	1.089	1.099	1.152	1.158	1.211	1.215	1.218	1.224	1.344	1.354	1.356	1.359
1993	1.094	1.147	1.153	1.206	1.210	1.213	1.219	1.338	1.348	1.351	1.353	1.380
1994	1.143	1.149	1.201	1.205	1.209	1.214	1.333	1.343	1.345	1.348	1.375	1.378
1995	1.145	1.197	1.201	1.205	1.210	1.329	1.338	1.341	1.343	1.370	1.373	1.376
1996	1.192	1.197	1.200	1.205	1.324	1.333	1.336	1.338	1.365	1.368	1.371	1.385
1997	1.194	1.197	1.202	1.320	1.330	1.333	1.335	1.362	1.365	1.368	1.382	1.384
1998	1.194	1.199	1.317	1.327	1.329	1.331	1.358	1.361	1.364	1.378	1.381	1.393
1999	1.195	1.313	1.322	1.325	1.327	1.353	1.356	1.359	1.373	1.376	1.389	
2000	1.307	1.317	1.319	1.321	1.348	1.351	1.354	1.368	1.370	1.383		
2001	1.313	1.315	1.317	1.344	1.347	1.350	1.363	1.366	1.379			
2002	1.310	1.312	1.339	1.342	1.345	1.358	1.361	1.374				
2003	1.309	1.335	1.338	1.341	1.354	1.357	1.370					
2004	1.272	1.275	1.278	1.291	1.293	1.305						
2005	1.264	1.267	1.280	1.282	1.294							
2006	1.208	1.220	1.223	1.234								
2007	1.214	1.216	1.228									
2008	1.164	1.174										
2009	1.170											
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
2021												

Note: (a) See Exhibit VII, Sheets 1a through 1d

**Case Outstanding Loss & ALAE - Inflation Factors - Based on Accident Year Factors**

Year of Birth C.Y Ending	2013 12/31/2013	2014 12/31/2014	2015 12/31/2015	2016 12/31/2016	2017 12/31/2017	2018 12/31/2018	2019 12/31/2019	2020 12/31/2020	2021 12/31/2021
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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%	0.91%
B. Accident Year - 1/1 to 12/31	0.57%	0.55%	0.40%	0.69%	0.59%	0.48%	0.57%	0.33%	0.91%

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%	0.93%
B. Accident Year - 1/1 to 12/31	0.72%	0.19%	0.17%	2.01%	0.22%	0.22%	1.01%	0.19%	0.93%

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%	0.93%
B. Accident Year - 1/1 to 12/31	0.71%	0.23%	0.19%	1.87%	0.26%	0.25%	0.97%	0.20%	0.93%

Year of Birth -----	300 -----	312 -----	324 -----	336 -----	348 -----	360 -----	372 -----	384 -----	396 -----
1989	1.378	1.381	1.383	1.411	1.414	1.417	1.432	1.434	1.448
1990	1.370	1.372	1.400	1.403	1.406	1.420	1.423	1.436	
1991	1.365	1.392	1.395	1.398	1.413	1.415	1.429		
1992	1.386	1.389	1.392	1.406	1.409	1.422			
1993	1.383	1.386	1.400	1.403	1.416				
1994	1.381	1.395	1.397	1.410					
1995	1.390	1.393	1.406						
1996	1.387	1.400							
1997	1.397								
1998									
1999									
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2020									
2021									

Note: (a) See Exhibit VII, Sheets 1a through 1d

Expense Group	Accident	Accident	Estimated
	Year	Year	Year
	1/1 - 12/31	1/1 - 12/31	1/1 - 12/31
	2020	2021	2022
(1)	(2)	(3)	(4)

**Incremental Payments By Major Expense Groups**

Legal Expense	558,235	179,685	179,685
Parental Award	1,770,994	29,780,287	29,780,287
Medical Expense	819,276	743,152	743,152
Nursing Care - By Parents & Family Care	12,592,188	14,942,253	14,942,253
Nursing Care - By Others	2,628,778	2,639,937	2,639,937
Custodial	18,520	31,667	31,667
Other	2,535,829	7,248,483	7,248,483
Totals:	20,923,820	55,565,464	55,565,464

**Case Outstanding By Major Expense Groups**

Legal Expense	-	-	-
Parental Award	1,448,921	5,183,624	5,183,624
Medical Expense	70,200,856	88,311,382	88,311,382
Nursing Care - By Parents & Family Care	220,966,848	410,142,085	410,142,085
Nursing Care - By Others	324,229,465	351,519,202	351,519,202
Custodial	153,186,764	5,552,263	5,552,263
Other	113,876,881	218,370,951	218,370,951
Totals:	883,909,735	1,079,079,507	1,079,079,507

**Percentage by Expense Group - Based on Incremental Payments**

Legal Expense	2.67%	0.32%	0.32%
Parental Award	8.46%	53.59%	53.59%
Medical Expense	3.92%	1.34%	1.34%
Nursing Care - By Parents & Family Care	60.18%	26.89%	26.89%
Nursing Care - By Others	12.56%	4.75%	4.75%
Custodial	0.09%	0.06%	0.06%
Other	12.12%	13.04%	13.04%

**Percentage by Expense Group - Based on Case Outstanding**

Legal Expense	0.00%	0.00%	0.00%
Parental Award	0.16%	0.48%	0.48%
Medical Expense	7.94%	8.18%	8.18%
Nursing Care - By Parents & Family Care	25.00%	38.01%	38.01%
Nursing Care - By Others	36.68%	32.58%	32.58%
Custodial	17.33%	0.51%	0.51%
Other	12.88%	20.24%	20.24%

**Estimated Inflation By Component - Paid Basis**

Legal Expense (a)	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%
Medical Expense (c)	1.78%	2.17%	1.83%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%
Other (g)	1.36%	7.04%	3.12%

**Estimated Inflation By Component - Outstanding Basis**

Legal Expense (a)	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%
Medical Expense (h)	1.07%	1.30%	1.10%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%
Other (h)	0.82%	4.22%	1.87%

**Combined (i)**

Estimated Inflation - Paid Basis	0.33%	0.91%	0.43%
Estimated Inflation - O/S Basis	0.19%	0.93%	0.46%

Note: See Exhibit VII, Sheet 2 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)
<b>Incremental Payments By Major Expense Groups</b>										
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
<b>Case Outstanding By Major Expense Groups</b>										
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
<b>Percentage by Expense Group - Based on Incremental Payments</b>										
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%
<b>Percentage by Expense Group - Based on Case Outstanding</b>										
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%
<b>Estimated Inflation By Component - Paid Basis</b>										
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%
<b>Estimated Inflation By Component - Outstanding Basis</b>										
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%
<b>Combined (i)</b>										
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 Exhibit VII, Sheet 2 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)
<b>Incremental Payments By Major Expense Groups</b>										
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
<b>Case Outstanding By Major Expense Groups</b>										
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
<b>Percentage by Expense Group - Based on Incremental Payments</b>										
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%
<b>Percentage by Expense Group - Based on Case Outstanding</b>										
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%
<b>Estimated Inflation By Component - Paid Basis</b>										
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%
<b>Estimated Inflation By Component - Outstanding Basis</b>										
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%
<b>Combined (i)</b>										
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 Exhibit VII, Sheet 2 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 Exhibit VII, Sheet 2 for footnotes.



**Footnotes for Exhibit VII, Sheets 1a through 1d**

- 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).

Accepted Claim Counts - Reported With Worksheets  
Allocation of Unreported Claims by Severity Class

Evaluated As of December 31, 2021

Year of Birth	Reported Accepted Claims (AAA & AAD Claims) (a)							Open / Unreported Accepted Claims (AAA Claims) (b)						Classes B, C, D & Blank (10) + (11) + (12) + (13)
	Class A	Class B	Class C	Class D	Blank AAA & AAD	Combined	Classes B C & D (3)+(4)+(5)	Class A	Class B	Class C	Class D	Blank N/A	Combined	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1989	4	-	-	2	5	11	2	1.0	0.0	0.0	2.0	0.0	3.0	2.0
1990	3	2	-	2	-	7	4	1.0	1.0	0.0	1.0	0.0	3.0	2.0
1991	1	2	-	1	-	4	3	1.0	2.0	0.0	1.0	0.0	4.0	3.0
1992	1	4	1	4	3	13	9	1.0	4.0	1.0	3.0	0.0	9.0	8.0
1993	4	3	2	3	1	13	8	2.0	0.0	2.0	3.0	0.0	7.0	5.0
1994	2	-	1	2	2	7	3	0.0	0.0	1.0	2.0	0.0	3.0	3.0
1995	-	3	1	2	-	6	6	0.0	2.0	1.0	2.0	0.0	5.0	5.0
1996	3	-	1	2	1	7	3	3.0	0.0	1.0	2.0	0.0	6.0	3.0
1997	2	1	3	3	2	11	7	1.0	1.0	3.0	3.0	0.0	8.0	7.0
1998	4	2	4	2	3	15	8	3.0	2.0	4.0	2.0	0.0	11.0	8.0
1999	6	2	-	-	1	9	2	2.0	1.0	0.0	0.0	0.0	3.0	1.0
2000	3	1	-	1	1	6	2	1.0	1.0	0.0	1.0	0.0	3.0	2.0
2001	2	-	2	-	-	4	2	2.0	0.0	2.0	0.0	0.0	4.0	2.0
2002	9	3	1	2	2	17	6	6.0	3.0	1.0	2.0	0.0	12.0	6.0
2003	1	2	-	-	-	3	2	1.0	2.0	0.0	0.0	0.0	3.0	2.0
2004	1	2	1	1	1	6	4	1.0	2.0	1.0	1.0	0.0	5.0	4.0
2005	5	2	1	2	1	11	5	4.0	0.0	1.0	2.0	0.0	7.0	3.0
2006	4	3	-	3	2	12	6	3.0	3.0	0.0	3.0	0.0	9.0	6.0
2007	5	2	-	-	3	10	2	5.0	2.0	0.0	0.0	0.0	7.0	2.0
2008	3	3	2	2	-	10	7	2.0	3.0	2.0	2.0	0.0	9.0	7.0
2009	4	1	2	3	1	11	6	4.0	1.0	2.0	3.0	0.0	10.0	6.0
2010	1	1	1	3	-	6	5	0.0	1.0	1.0	3.0	0.0	5.0	5.0
2011	3	1	2	4	2	12	7	3.0	1.0	2.0	4.0	0.0	10.0	7.0
2012	1	-	3	3	-	7	6	1.0	0.0	3.0	3.0	0.0	7.0	6.0
2013	5	-	-	2	1	8	2	5.0	0.0	0.0	2.0	0.0	7.0	2.0
2014	5	3	-	2	-	10	5	3.0	3.0	0.0	2.0	0.0	8.0	5.0
2015	6	2	2	4	-	14	8	6.0	2.0	2.0	4.0	0.0	14.0	8.0
2016	2	2	-	1	-	5	3	2.0	2.0	0.0	1.0	0.0	5.0	3.0
2017	4	4	1	2	2	13	7	4.3	4.2	1.2	2.3	1.0	13.0	8.7
2018	3	2	4	3	3	15	9	3.7	2.4	4.4	3.6	2.0	16.0	12.4
2019	3	1	4	1	2	11	6	4.3	1.8	4.7	2.2	1.0	14.0	9.7
2020	1	-	1	1	5	8	2	3.6	1.6	2.4	3.4	4.0	15.0	11.4
2021	-	-	-	-	-	-	-	3.9	2.4	2.1	3.6	0.0	12.0	8.1
Totals	101	54	40	63	44	302	157	83.8	51.4	44.7	69.1	8.0	257.0	173.2

Notes: (a) See Section VI, Exhibit II. Combination of open accepted claims (AAA) with closed accepted claims (AAD).  
(b) See Section VI, Exhibit II. Combination of reported open accepted claims (AAA) and unreported accepted (alive) claims (AAA).

Reported Accepted Claim Counts - Excluding DA Claims

Evaluated As of December 31, 2021

Year of Birth	Open Accepted Claims (AAA Claims)						Closed Accepted Claims (AAD Claims)						IBNR Accepted Claims (Excluding DA Claims)					
	Class A	Class B	Class C	Class D	Blank N/A	Combined	Class A	Class B	Class C	Class D	Blank N/A	Combined	Class A	Class B	Class C	Class D	Blank N/A	Combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1989	1	-	-	2	-	3	3	-	-	-	5	8	-	-	-	-	-	-
1990	1	1	-	1	-	3	2	1	-	1	-	4	-	-	-	-	-	-
1991	1	2	-	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-
1992	1	4	1	3	-	9	-	-	-	1	3	4	-	-	-	-	-	-
1993	2	-	2	3	-	7	2	3	-	-	1	6	-	-	-	-	-	-
1994	-	-	1	2	-	3	2	-	-	-	2	4	-	-	-	-	-	-
1995	-	2	1	2	-	5	-	1	-	-	-	1	-	-	-	-	-	-
1996	3	-	1	2	-	6	-	-	-	-	1	1	-	-	-	-	-	-
1997	1	1	3	3	-	8	1	-	-	-	2	3	-	-	-	-	-	-
1998	3	2	4	2	-	11	1	-	-	-	3	4	-	-	-	-	-	-
1999	2	1	-	-	-	3	4	1	-	-	1	6	-	-	-	-	-	-
2000	1	1	-	1	-	3	2	-	-	-	1	3	-	-	-	-	-	-
2001	2	-	2	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-
2002	6	3	1	2	-	12	3	-	-	-	2	5	-	-	-	-	-	-
2003	1	2	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
2004	1	2	1	1	-	5	-	-	-	-	1	1	-	-	-	-	-	-
2005	4	-	1	2	-	7	1	2	-	-	1	4	-	-	-	-	-	-
2006	3	3	-	3	-	9	1	-	-	-	2	3	-	-	-	-	-	-
2007	5	2	-	-	-	7	-	-	-	-	3	3	-	-	-	-	-	-
2008	2	3	2	2	-	9	1	-	-	-	-	1	-	-	-	-	-	-
2009	4	1	2	3	-	10	-	-	-	-	1	1	-	-	-	-	-	-
2010	-	1	1	3	-	5	1	-	-	-	-	1	-	-	-	-	-	-
2011	3	1	2	4	-	10	-	-	-	-	2	2	-	-	-	-	-	-
2012	1	-	3	3	-	7	-	-	-	-	-	-	-	-	-	-	-	-
2013	5	-	-	2	-	7	-	-	-	-	1	1	-	-	-	-	-	-
2014	3	3	-	2	-	8	2	-	-	-	-	2	-	-	-	-	-	-
2015	6	2	2	4	-	14	-	-	-	-	-	-	-	-	-	-	-	-
2016	2	2	-	1	-	5	-	-	-	-	-	-	-	-	-	-	-	-
2017	4	4	1	2	1	12	-	-	-	-	1	1	0.325	0.200	0.175	0.300	-	1.000
2018	3	2	4	3	2	14	-	-	-	-	1	1	0.650	0.400	0.350	0.600	-	2.000
2019	3	1	4	1	1	10	-	-	-	-	1	1	1.300	0.800	0.700	1.200	-	4.000
2020	1	-	1	1	4	7	-	-	-	-	1	1	2.600	1.600	1.400	2.400	-	8.000
2021	-	-	-	-	-	-	-	-	-	-	-	-	3.900	2.400	2.100	3.600	-	12.000
Totals	75	46	40	61	8	230	26	8	-	2	36	72	8.775	5.400	4.725	8.100	-	27.000

Used for allocation on IBNR claim counts

Indicated	32.6%	20.0%	17.4%	26.5%	3.5%	100.0%
Selected	32.5%	20.0%	17.5%	30.0%		100.0%

Ultimate Accepted Claim Counts  
Evaluated As of December 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 Accepted Claim Counts (6) + (7)	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)
1989	4	8	3	15	0	0	0	4	11	15
1990	3	4	3	10	0	0	0	3	7	10
1991	4	0	4	8	0	0	0	4	4	8
1992	1	4	9	14	0	0	0	1	13	14
1993	2	6	7	15	0	0	0	2	13	15
1994	9	4	3	16	0	0	0	9	7	16
1995	5	1	5	11	0	0	0	5	6	11
1996	10	1	6	17	0	0	0	10	7	17
1997	6	3	8	17	0	0	0	6	11	17
1998	3	4	11	18	0	0	0	3	15	18
1999	9	6	3	18	0	0	0	9	9	18
2000	7	3	3	13	0	0	0	7	6	13
2001	9	0	4	13	0	0	0	9	4	13
2002	5	5	12	22	0	0	0	5	17	22
2003	6	0	3	9	0	0	0	6	3	9
2004	7	1	5	13	0	0	0	7	6	13
2005	2	4	7	13	0	0	0	2	11	13
2006	1	3	9	13	0	0	0	1	12	13
2007	5	3	7	15	0	0	0	5	10	15
2008	1	1	9	11	0	0	0	1	10	11
2009	6	1	10	17	0	0	0	6	11	17
2010	6	1	5	12	0	0	0	6	6	12
2011	2	2	10	14	0	0	0	2	12	14
2012	4	0	7	11	0	0	0	4	7	11
2013	3	1	7	11	0	0	0	3	8	11
2014	3	2	8	13	0	0	0	3	10	13
2015	6	0	14	20	0	0	0	6	14	20
2016	4	0	5	9	0	0	0	4	5	9
2017	2	1	12	15	0	1	1	2	14	16
2018	9	1	14	24	1	2	3	10	17	27
2019	3	1	10	14	1	4	5	4	15	19
2020	3	1	7	11	3	8	11	6	16	22
2021	3	0	0	3	5	12	17	8	12	20
Totals All:	153	72	230	455	10	27	37	163	329	492
2017 - 2021	20	4	43	67	10	27	37	30	74	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 12/31/2021.

(c) The accepted claims shown in Column (4), AAA, are accepted claims that are alive as of 12/31/2021.

(d) See Section VI, Exhibit IV, Columns (6) and (7), respectively.

Open Accepted Claim Counts  
Evaluated As of December 31, 2021

Year of Birth	Reported Open Accepted Claim Counts				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	DA (2) + (6)	AAD & AAA Only (3)+(4)+(7)	Combined (9) + (10)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	0	0	3	3					0	3	3
1990	0	0	3	3					0	3	3
1991	0	0	4	4					0	4	4
1992	0	0	9	9					0	9	9
1993	0	0	7	7					0	7	7
1994	0	0	3	3					0	3	3
1995	0	0	5	5					0	5	5
1996	0	0	6	6					0	6	6
1997	0	0	8	8					0	8	8
1998	0	0	11	11					0	11	11
1999	0	0	3	3					0	3	3
2000	0	0	3	3					0	3	3
2001	0	0	4	4					0	4	4
2002	0	0	12	12					0	12	12
2003	0	0	3	3					0	3	3
2004	0	0	5	5					0	5	5
2005	0	0	7	7					0	7	7
2006	0	0	9	9					0	9	9
2007	0	0	7	7					0	7	7
2008	0	0	9	9					0	9	9
2009	0	0	10	10					0	10	10
2010	0	0	5	5					0	5	5
2011	0	0	10	10					0	10	10
2012	0	0	7	7					0	7	7
2013	0	0	7	7					0	7	7
2014	0	0	8	8					0	8	8
2015	0	0	14	14					0	14	14
2016	0	0	5	5					0	5	5
2017	0	0	12	12	0	1	1	0	13	13	
2018	1	0	14	15	1	2	3	2	16	18	
2019	0	0	10	10	1	4	5	1	14	15	
2020	1	0	7	8	3	8	11	4	15	19	
2021	0	0	0	0	5	12	17	5	12	17	
Totals All:	2	0	230	232	10	27	37	12	257	269	

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 12/31/2021.  
 (c) AAA are accepted claims that are alive as of 12/31/2021.  
 (d) See Section VI, Exhibit V, Sheet 1, Columns (21) and (11), respectively.

Development of Ultimate Accepted Claim Counts ( B/F Estimate)  
Evaluated As of December 31, 2021

A. Selected Claim Frequency per Insured Physician Based on: (a)

1. AAA & AAD Only	0.0085
2. DA Only	0.0038
3. All Reported Claims But Excluding DA Only	0.0340

B. Ratio to Reported All Claims Excluding DA Only Based on: (a)

1. AAA & AAD Only	0.2500
2. DA Only	0.1118

Year of Birth	Actual (b) AAA & AAD Accepted Claim Cts. @ 12/31/21	All Reported Claim Cts. Excl. DA (c) @ 12/31/21	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.	IBNR AAA & AAD Accepted Claim Cts. (10) - (2)
			Insured Physicians @ 12/31/21	-----			Reported Claim Cts. (2) + {[1-(5)] x (7) x B.1}	AAA & AAD Claim Cts. (d) (2) + {[1-(5)] x (4) x A.1}		
				Accepted AAA & AAD	Reported Claim Cts.					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2017	13	42	1,356	97.56%	87.28%	47.86	13.29	13.28	14	1
2018	15	43	1,420	90.75%	76.90%	54.15	16.25	16.12	17	2
2019	11	39	1,501	78.92%	64.08%	57.33	14.02	13.69	15	4
2020	8	22	1,575	53.14%	36.62%	55.94	14.55	14.27	16	8
2021	0	5	1,543	11.19%	10.46%	51.97	11.54	11.65	12	12
Subtotals:	47	151	7,395			267.26	69.66	69.01	74	27

Year of Birth	Actual (b) DA Only Accepted Claim Cts. @ 12/31/21	All Reported Claim Cts. Excl. DA (c) @ 12/31/21	Estimated Claim Reporting Pattern - Based on :			B/F Method Estimated Ultimate 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)
			Insured Physicians @ 12/31/21	-----			Reported Claim Cts. Excl. DA (12) + {[1-(15)] x (17) x B.2}	DA Only Claim Cts. (2) + {[1-(15)] x (14) x A.2}		
				Accepted DA Only	Reported Claim Cts.					
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
2017	2	42	1,356	100.00%	87.28%	47.86	2.00	2.00	2	0
2018	9	43	1,420	93.02%	76.90%	54.15	9.42	9.38	10	1
2019	3	39	1,501	82.69%	64.08%	57.33	4.11	3.99	4	1
2020	3	22	1,575	57.03%	36.62%	55.94	5.69	5.57	6	3
2021	3	5	1,543	19.01%	10.46%	51.97	7.70	7.75	8	5
Subtotals:	20	151	7,395			267.26	28.92	28.68	30	10

Notes: (a) See Section VI, Exhibit V, Sheet 2, Item (12).  
 (b) See Section VI, Exhibit VI, Sheet 1, Columns (3) and (4), respectively.  
 (c) See Section VI, Exhibit VI, Sheet 1, Column (2) minus Column (4).

Development of Ultimate Accepted Claim Counts ( B/F Estimate)  
Evaluated As of December 31, 2021

Year of Birth	Actual (a) Accepted Claim Counts		All (a) Reported Claim Cts. @ 12/31/21	All Reported Claim Cts. Excluding DA Claims @ 12/31/21 (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 @ 12/31/21	DA Only @ 12/31/21				AAA & AAD Only (2) / (6)	DA Only (3) / (6)	Reported Excl. DA (5) / (6)		
(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	14	6	50	44	1,273	0.0110	0.0047	0.0346	0.3182	0.1364
2016	5	4	36	32	1,318	0.0038	0.0030	0.0243	0.1563	0.1250
Subtotals:										
89 to 16	255	133	1,111	978	24,063	0.0106	0.0055	0.0406	0.2607	0.1360
89 to 02	130	77	557	480	9,432	0.0138	0.0082	0.0509	0.2708	0.1604
03 to 16	125	56	554	498	14,631	0.0085	0.0038	0.0340	0.2510	0.1124
08 to 16	83	35	389	354	10,254	0.0081	0.0034	0.0345	0.2345	0.0989
12 to 16	44	20	213	193	6,061	0.0073	0.0033	0.0318	0.2280	0.1036
				(12) Selected Frequency ==>>>>		0.0085	0.0038	0.0340	0.2500	0.1118

Notes: (a) See Section VI, Exhibit VI, Sheet 1.

Birth Year	Reported Claim Counts as of 12/31/2021				Cumulative Development			Estimated Ultimate - Projection Method			
	Accepted Claim Counts				All Claims	Accepted		Accepted Claim Counts			
	All Claims Accepted & Denied	AAA & AAD	DA	AAA, DA & AAD (3) + (4)		AAA & AAD	Accepted DA	All Claims Accepted & Denied (2) X (6)	AAA & AAD (3) X (7)	DA (4) X (8)	AAA, DA & AAD (10) + (11)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2006	34	12	1	13	1.000	1.000	1.000	34	12	1	13
2007	36	10	5	15	1.000	1.000	1.000	36	10	5	15
2008	42	10	1	11	1.000	1.000	1.000	42	10	1	11
2009	50	11	6	17	1.000	1.000	1.000	50	11	6	17
2010	40	6	6	12	1.000	1.000	1.000	40	6	6	12
2011	44	12	2	14	1.000	1.000	1.000	44	12	2	14
2012	50	7	4	11	1.000	1.000	1.000	50	7	4	11
2013	32	8	3	11	1.000	1.000	1.000	32	8	3	11
2014	45	10	3	13	1.010	1.000	1.000	45	10	3	13
2015	50	14	6	20	1.030	1.000	1.000	52	14	6	20
2016	36	5	4	9	1.056	1.000	1.000	38	5	4	9
2017	44	13	2	15	1.146	1.025	1.000	50	13	2	15
2018	52	15	9	24	1.300	1.102	1.075	68	17	10	26
2019	42	11	3	14	1.560	1.267	1.209	66	14	4	18
2020	25	8	3	11	2.731	1.882	1.754	68	15	5	20
2021	8	0	3	3	9.558	8.938	5.261	76	N/A	16	N/A







All Accepted Claims (AAA, AAD, & DA)

Birth Year	12	24	36	48	60	72	84	96	108	120	132
2006					14	13	13	13	13	13	13
2007				14	15	15	15	15	15	15	15
2008			9	12	11	12	11	11	11	11	11
2009		9	14	16	17	16	16	17	17	17	17
2010	2	8	12	14	12	12	12	12	12	12	12
2011	3	6	10	12	14	14	14	14	14	14	14
2012	4	6	11	14	11	11	11	11	11	11	
2013	3	6	10	11	12	11	11	11	11		
2014	2	10	13	15	15	13	13	13			
2015	-	10	14	16	18	21	20				
2016	3	5	6	8	9	9					
2017	1	8	14	15	15						
2018	4	17	24	24							
2019	3	10	14								
2020	-	11									
2021	3										
	12:24	24:36	36:48	48:60	60:72	72:84	84:96	96:108	108:120	120:132	
2006					0.929	1.000	1.000	1.000	1.000	1.000	1.000
2007				1.071	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2008			1.333	0.917	1.091	0.917	1.000	1.000	1.000	1.000	1.000
2009		1.556	1.143	1.063	0.941	1.000	1.063	1.000	1.000	1.000	1.000
2010	4.000	1.500	1.167	0.857	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2011	2.000	1.667	1.200	1.167	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2012	1.500	1.833	1.273	0.786	1.000	1.000	1.000	1.000	1.000	1.000	
2013	2.000	1.667	1.100	1.091	0.917	1.000	1.000	1.000			
2014	5.000	1.300	1.154	1.000	0.867	1.000	1.000				
2015		1.400	1.143	1.125	1.167	0.952					
2016	1.667	1.200	1.333	1.125	1.000						
2017	8.000	1.750	1.071	1.000							
2018	4.250	1.412	1.000								
2019	3.333	1.400									
2020											
Simple Avg.	3.528	1.517	1.174	1.018	0.992	0.987	1.007	1.000	1.000	1.000	
Wtd. Avg. All Years	3.880	1.495	1.146	1.014	0.993	0.986	1.009	1.000	1.000	1.000	
Wtd. Avg. Latest 5	5.545	1.417	1.099	1.013	1.000	0.988	1.013	1.000	1.000	1.000	
Selected	5.000	1.475	1.135	1.075	1.025	1.000	1.000	1.000	1.000	1.000	
Cumulative	9.223	1.845	1.251	1.102	1.025	1.000	1.000	1.000	1.000	1.000	
% Reported	10.84%	54.21%	79.96%	90.75%	97.56%	100.00%	100.00%	100.00%	100.00%	100.00%	

Reported Claim Counts  
 Accepted & Denied

Year of Birth	12	24	36	48	60	72	84	96	108	120	132
1989		5	17	21	25	28	30	32	32	32	32
1990	1	7	18	27	30	37	38	39	39	39	39
1991	-	6	17	24	29	34	34	37	37	37	37
1992	5	11	31	39	42	47	48	48	48	48	48
1993	3	9	32	34	35	40	40	40	40	40	40
1994	3	16	28	31	31	36	36	36	36	36	36
1995	2	6	14	20	23	25	25	26	26	26	26
1996	2	11	19	23	31	39	39	39	39	40	40
1997	2	12	25	33	42	47	47	47	47	47	47
1998	2	13	30	34	35	41	42	42	42	42	42
1999	5	14	22	29	32	39	40	40	40	40	40
2000	4	16	26	31	33	38	38	38	38	38	38
2001	3	10	23	30	35	41	41	41	41	41	41
2002	3	18	33	38	42	50	50	50	50	50	50
2003	3	8	11	15	18	21	21	23	23	23	23
2004	1	10	15	20	23	29	30	30	31	31	31
2005	-	9	21	30	35	39	40	41	41	41	41
2006	2	9	17	24	28	33	33	33	34	34	34
2007	4	12	22	26	31	32	33	36	36	36	36
2008	1	9	18	24	29	37	37	41	42	42	42
2009	5	15	26	34	39	47	48	48	50	50	50
2010	4	13	25	32	36	39	39	39	40	40	40
2011	6	14	24	37	38	40	40	44	44	44	44
2012	5	17	36	44	46	50	50	50	50	50	50
2013	5	12	23	27	31	32	32	32	32		
2014	2	14	32	38	43	44	44	45			
2015	-	13	34	41	44	48	50				
2016	7	13	19	25	30	36					
2017	3	21	32	36	44						
2018	7	29	46	52							
2019	8	26	42								
2020	2	25									
2021	8										

Year of Birth	12:24	24:36	36:48	48:60	60:72	72:84	84:96	96:108	108:120	120:132
1989		3.400	1.235	1.190	1.120	1.071	1.067	1.000	1.000	1.000
1990	7.000	2.571	1.500	1.111	1.233	1.027	1.026	1.000	1.000	1.000
1991		2.833	1.412	1.208	1.172	1.000	1.088	1.000	1.000	1.000
1992	2.200	2.818	1.258	1.077	1.119	1.021	1.000	1.000	1.000	1.000
1993	3.000	3.556	1.063	1.029	1.143	1.000	1.000	1.000	1.000	1.000
1994	5.333	1.750	1.107	1.000	1.161	1.000	1.000	1.000	1.000	1.000
1995	3.000	2.333	1.429	1.150	1.087	1.000	1.040	1.000	1.000	1.000
1996	5.500	1.727	1.211	1.348	1.258	1.000	1.000	1.000	1.026	1.000
1997	6.000	2.083	1.320	1.273	1.119	1.000	1.000	1.000	1.000	1.000
1998	6.500	2.308	1.133	1.029	1.171	1.024	1.000	1.000	1.000	1.000
1999	2.800	1.571	1.318	1.103	1.219	1.026	1.000	1.000	1.000	1.000
2000	4.000	1.625	1.192	1.065	1.152	1.000	1.000	1.000	1.000	1.000
2001	3.333	2.300	1.304	1.167	1.171	1.000	1.000	1.000	1.000	1.000
2002	6.000	1.833	1.152	1.105	1.190	1.000	1.000	1.000	1.000	1.000
2003	2.667	1.375	1.364	1.200	1.167	1.000	1.095	1.000	1.000	1.000
2004	10.000	1.500	1.333	1.150	1.261	1.034	1.000	1.033	1.000	1.000
2005		2.333	1.429	1.167	1.114	1.026	1.025	1.000	1.000	1.114
2006	4.500	1.889	1.412	1.167	1.179	1.000	1.000	1.030	1.000	1.000
2007	3.000	1.833	1.182	1.192	1.032	1.031	1.091	1.000	1.000	1.000
2008	9.000	2.000	1.333	1.208	1.276	1.000	1.108	1.024	1.000	1.000
2009	3.000	1.733	1.308	1.147	1.205	1.021	1.000	1.042	1.000	1.000
2010	3.250	1.923	1.280	1.125	1.083	1.000	1.000	1.026	1.000	1.000
2011	2.333	1.714	1.542	1.027	1.053	1.000	1.100	1.000	1.000	1.000
2012	3.400	2.118	1.222	1.045	1.087	1.000	1.000	1.000	1.000	
2013	2.400	1.917	1.174	1.148	1.032	1.000	1.000	1.000		
2014	7.000	2.286	1.188	1.132	1.023	1.000	1.023			
2015		2.615	1.206	1.073	1.091	1.042				
2016	1.857	1.462	1.316	1.200	1.200					
2017	7.000	1.524	1.125	1.222						
2018	4.143	1.586	1.130							
2019	3.250	1.615								
2020	12.500									
Simple Avg. - Incremental	4.785	2.069	1.273	1.140	1.147	1.012	1.026	1.006	1.001	1.000
Wtd Avg. All - Incremental	4.180	1.955	1.249	1.130	1.142	1.012	1.022	1.006	1.001	1.000
Wtd Latest Five - Incremental	4.222	1.696	1.178	1.150	1.082	1.009	1.024	1.014	1.000	1.000
Selected - Incremental	3.500	1.750	1.200	1.135	1.085	1.025	1.020	1.010	1.000	1.000
Selected - Cumulative	9.558	2.731	1.560	1.300	1.146	1.056	1.030	1.010	1.000	1.000

Incurred Loss & ALAE @ 12/31/21

Birth Year	All Expense Categories	Class Action	All Expenses Excluding Class Action (2) - (3)	Estimated One-time Changes Related to SB 1786	All Expenses Excluding Class Action & SB 1786 Used for Triangle (2) - (3) - (5)
(1)	(2)	(3)	(4)	(5)	(6)
1989	30,728,389	261,214	30,467,175	2,424,240	28,042,935
1990	16,848,503	758,051	16,090,452	1,692,337	14,398,115
1991	28,155,986	792,094	27,363,892	3,056,301	24,307,592
1992	59,250,940	1,951,145	57,299,795	5,745,268	51,554,527
1993	60,228,810	910,230	59,318,581	5,185,190	54,133,390
1994	27,478,715	634,196	26,844,519	2,591,409	24,253,110
1995	40,244,487	910,904	39,333,583	3,997,441	35,336,142
1996	34,290,380	797,021	33,493,359	3,763,000	29,730,359
1997	57,871,394	1,624,160	56,247,233	6,119,057	50,128,176
1998	83,763,026	2,006,630	81,756,397	7,669,965	74,086,432
1999	27,102,331	873,581	26,228,750	2,391,289	23,837,461
2000	19,165,575	599,907	18,565,668	2,107,487	16,458,181
2001	32,081,176	115,547	31,965,629	3,139,606	28,826,024
2002	77,392,818	840,587	76,552,232	7,910,793	68,641,438
2003	16,947,167	-	16,947,167	2,104,656	14,842,512
2004	36,232,684	-	36,232,684	3,623,035	32,609,649
2005	39,816,933	-	39,816,933	4,103,305	35,713,627
2006	59,799,691	-	59,799,691	6,239,797	53,559,894
2007	44,174,904	-	44,174,904	4,468,457	39,706,447
2008	63,052,996	-	63,052,996	6,230,237	56,822,758
2009	65,469,126	-	65,469,126	6,706,615	58,762,510
2010	29,639,594	-	29,639,594	3,598,347	26,041,246
2011	55,495,618	-	55,495,618	6,061,579	49,434,038
2012	44,104,217	-	44,104,217	5,101,270	39,002,946
2013	39,891,123	-	39,891,123	4,273,503	35,617,620
2014	45,882,414	-	45,882,414	5,146,311	40,736,103
2015	81,970,267	-	81,970,267	8,682,304	73,287,964
2016	28,675,020	-	28,675,020	3,507,763	25,167,258
2017	62,553,167	-	62,553,167	6,758,447	55,794,720
2018	84,882,978	-	84,882,978	8,772,474	76,110,504
2019	50,564,404	-	50,564,404	5,198,594	45,365,811
2020	20,717,084	-	20,717,084	2,090,000	18,627,084
2021	1,441,273	-	1,441,273	570,000	871,273
Totals:	1,465,913,190	13,075,266	1,452,837,925	151,030,078	1,301,807,847

Paid Loss & ALAE @ 12/31/21

Birth Year	All Expense Categories	Class Action	All Expenses Excluding Class Action (2) - (3)	Estimated One-time Changes Related to SB 1786	All Expenses Excluding Class Action & SB 1786 Used for Triangle (2) - (3) - (5)
(1)	(2)	(3)	(4)	(5)	(6)
1989	16,885,994	261,214	16,624,780	930,049	15,694,731
1990	7,614,059	758,051	6,856,007	698,915	6,157,093
1991	11,583,942	792,094	10,791,848	823,577	9,968,271
1992	19,655,224	1,951,145	17,704,079	1,719,558	15,984,521
1993	25,162,173	910,230	24,251,944	1,610,466	22,641,477
1994	9,013,849	634,196	8,379,653	796,810	7,582,844
1995	13,455,395	910,904	12,544,491	1,201,365	11,343,126
1996	12,280,555	797,021	11,483,534	1,132,770	10,350,764
1997	16,023,557	1,624,160	14,399,397	1,431,375	12,968,022
1998	27,288,891	2,006,630	25,282,261	2,057,233	23,225,029
1999	14,547,024	873,581	13,673,443	1,045,971	12,627,472
2000	8,115,680	589,907	7,525,773	985,160	6,540,613
2001	10,391,789	115,547	10,276,243	1,035,817	9,240,426
2002	22,212,715	840,587	21,372,128	2,418,470	18,953,658
2003	6,523,162	-	6,523,162	706,488	5,816,674
2004	7,253,282	-	7,253,282	994,952	6,258,330
2005	10,942,541	-	10,942,541	1,227,713	9,714,828
2006	12,767,247	-	12,767,247	1,285,227	11,482,020
2007	13,611,989	-	13,611,989	1,265,883	12,346,106
2008	9,013,337	-	9,013,337	1,132,479	7,880,857
2009	11,497,957	-	11,497,957	1,686,986	9,810,971
2010	4,312,574	-	4,312,574	880,648	3,431,926
2011	7,462,398	-	7,462,398	1,425,485	6,036,913
2012	5,096,672	-	5,096,672	967,709	4,128,963
2013	7,662,639	-	7,662,639	1,272,304	6,390,335
2014	8,370,886	-	8,370,886	1,527,350	6,843,536
2015	8,449,447	-	8,449,447	2,025,990	6,423,457
2016	2,175,886	-	2,175,886	698,914	1,476,972
2017	4,881,618	-	4,881,618	1,253,801	3,627,817
2018	6,175,043	-	6,175,043	1,775,719	4,399,324
2019	4,443,644	-	4,443,644	1,550,195	2,893,449
2020	1,140,612	-	1,140,612	580,000	560,612
2021	994,030	-	994,030	380,000	614,030
Totals:	347,005,809	13,065,266	333,940,543	40,525,378	293,415,165

Case Outstanding Loss & ALAE @ 12/31/21

Birth Year	All Expense Categories	Class Action	All Expenses Excluding Class Action (2) - (3)	Estimated One-time Changes Related to SB 1786	All Expenses Excluding Class Action & SB 1786 Used for Triangle (2) - (3) - (5)
(1)	(2)	(3)	(4)	(5)	(6)
1989	13,842,395	-	13,842,395	1,494,192	12,348,204
1990	9,234,445	-	9,234,445	993,423	8,241,022
1991	16,572,044	-	16,572,044	2,232,724	14,339,321
1992	39,595,716	-	39,595,716	4,025,710	35,570,007
1993	35,066,637	-	35,066,637	3,574,724	31,491,913
1994	18,464,866	-	18,464,866	1,794,599	16,670,267
1995	26,789,092	-	26,789,092	2,796,076	23,993,016
1996	22,009,825	-	22,009,825	2,630,230	19,379,595
1997	41,847,836	-	41,847,836	4,687,682	37,160,155
1998	56,474,136	-	56,474,136	5,612,732	50,861,404
1999	12,555,307	-	12,555,307	1,345,318	11,209,989
2000	11,049,895	10,000	11,039,895	1,122,327	9,917,568
2001	21,689,387	-	21,689,387	2,103,789	19,585,598
2002	55,180,104	-	55,180,104	5,492,323	49,687,781
2003	10,424,005	-	10,424,005	1,398,168	9,025,838
2004	28,979,402	-	28,979,402	2,628,083	26,351,319
2005	28,874,392	-	28,874,392	2,875,592	25,998,799
2006	47,032,444	-	47,032,444	4,954,570	42,077,874
2007	30,562,915	-	30,562,915	3,202,574	27,360,341
2008	54,039,659	-	54,039,659	5,097,758	48,941,901
2009	53,971,169	-	53,971,169	5,019,630	48,951,539
2010	25,327,020	-	25,327,020	2,717,699	22,609,321
2011	48,033,219	-	48,033,219	4,636,094	43,397,125
2012	39,007,545	-	39,007,545	4,133,561	34,873,984
2013	32,228,484	-	32,228,484	3,001,199	29,227,285
2014	37,511,528	-	37,511,528	3,618,961	33,892,567
2015	73,520,821	-	73,520,821	6,656,314	66,864,506
2016	26,499,134	-	26,499,134	2,808,849	23,690,286
2017	57,671,549	-	57,671,549	5,504,646	52,166,903
2018	78,707,935	-	78,707,935	6,996,755	71,711,179
2019	46,120,760	-	46,120,760	3,648,399	42,472,362
2020	19,576,472	-	19,576,472	1,510,000	18,066,472
2021	447,244	-	447,244	190,000	257,244
Totals:	1,118,907,381	10,000	1,118,897,381	110,504,700	1,008,392,681

Florida Birth Related Neurological Injury Compensation Association (NICA)  
 Estimate of One-time Changes Related to SB 1786 Eliminated From Triangles  
 Incurred Loss & ALAE - Actual (2021 Level)

Evaluated As of December 31, 2021

Incurred Basis

Birth Year	Nursing Care, Family Care, & Custodial	Physician, Hospital, Therapy, & Drugs	Parental Award	Death Benefits	Transportation, Housing, & Others	Combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	282,603	-	450,000	600,000	1,091,637	2,424,240
1990	204,943	-	450,000	400,000	637,394	1,692,337
1991	397,369	-	600,000	320,000	1,738,932	3,056,301
1992	883,132	-	1,350,000	560,000	2,952,136	5,745,268
1993	816,081	-	1,200,000	600,000	2,569,109	5,185,190
1994	351,717	-	450,000	600,000	1,189,692	2,591,409
1995	560,761	-	750,000	440,000	2,246,679	3,997,441
1996	500,812	-	900,000	640,000	1,722,188	3,763,000
1997	828,118	-	1,200,000	680,000	3,410,939	6,119,057
1998	1,276,520	-	1,650,000	680,000	4,063,445	7,669,965
1999	287,368	-	450,000	720,010	933,911	2,391,289
2000	222,582	-	600,000	520,000	764,905	2,107,487
2001	460,330	-	600,000	520,000	1,559,276	3,139,606
2002	1,115,084	-	1,950,000	880,034	3,965,675	7,910,793
2003	213,335	-	450,000	360,000	1,081,321	2,104,656
2004	521,355	-	750,000	480,000	1,871,681	3,623,035
2005	555,521	-	1,050,000	520,000	1,977,785	4,103,305
2006	835,081	-	1,350,000	520,000	3,534,716	6,239,797
2007	665,487	-	1,050,000	520,000	2,232,970	4,468,457
2008	913,676	-	1,350,000	440,034	3,526,528	6,230,237
2009	958,248	-	1,500,000	680,000	3,568,367	6,706,615
2010	371,777	-	750,000	480,000	1,996,570	3,598,347
2011	764,115	-	1,500,000	560,000	3,237,464	6,061,579
2012	571,873	-	1,050,000	440,000	3,039,397	5,101,270
2013	578,988	-	1,050,000	440,000	2,204,515	4,273,503
2014	653,872	-	1,350,000	520,000	2,622,438	5,146,311
2015	1,190,237	-	2,100,000	800,000	4,592,067	8,682,304
2016	393,950	-	900,000	360,000	1,853,812	3,507,763
2017	852,023	-	1,800,000	600,000	3,506,424	6,758,447
2018	1,152,590	-	2,250,000	960,000	4,409,885	8,772,474
2019	620,453	-	1,800,000	560,000	2,218,141	5,198,594
2020	-	-	1,650,000	440,000	-	2,090,000
2021	-	-	450,000	120,000	-	570,000
Totals:	20,000,000	-	36,750,000	17,960,078	76,320,000	151,030,078



Florida Birth Related Neurological Injury Compensation Association (NICA)  
 Estimated One-time Changes Related to SB 1786 Eliminated From Triangles  
 Paid Loss & ALAE - Actual (2021 Level)

Section VII  
 Exhibit II  
 Sheet 2

Evaluated As of December 31, 2021

Paid Basis

Birth Year	Nursing Care, Family Care, & Custodial	Physician, Hospital, Therapy, & Drugs	Parental Award	Death Benefits	Transportation, Housing, & Others	Combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	-	-	444,430	400,000	85,619	930,049
1990	-	-	450,000	200,000	48,915	698,915
1991	-	-	450,000	160,000	213,577	823,577
1992	-	-	1,350,000	160,000	209,558	1,719,558
1993	-	-	1,125,000	320,000	165,466	1,610,466
1994	-	-	450,000	302,500	44,310	796,810
1995	-	-	750,000	200,000	251,365	1,201,365
1996	-	-	675,000	320,000	137,770	1,132,770
1997	-	-	900,024	290,000	241,351	1,431,375
1998	-	-	1,601,061	160,000	296,172	2,057,233
1999	-	-	450,000	520,010	75,961	1,045,971
2000	-	-	599,992	345,000	40,168	985,160
2001	-	-	600,000	320,000	115,817	1,035,817
2002	-	-	1,868,499	320,034	229,937	2,418,470
2003	-	-	449,934	160,000	96,554	706,488
2004	-	-	671,212	240,000	83,740	994,952
2005	-	-	900,000	240,000	87,713	1,227,713
2006	-	-	1,018,177	120,000	147,050	1,285,227
2007	-	-	910,000	220,000	135,883	1,265,883
2008	-	-	951,589	80,034	100,856	1,132,479
2009	-	-	1,360,000	200,000	126,986	1,686,986
2010	-	-	585,043	260,000	35,605	880,648
2011	-	-	1,199,970	160,000	65,515	1,425,485
2012	-	-	770,024	140,000	57,685	967,709
2013	-	-	1,050,000	140,000	82,304	1,272,304
2014	-	-	1,349,983	120,000	57,367	1,527,350
2015	-	-	1,800,036	120,000	105,954	2,025,990
2016	-	-	563,999	120,000	14,915	698,914
2017	-	-	1,081,298	120,000	52,503	1,253,801
2018	-	-	1,399,950	320,000	55,769	1,775,719
2019	-	-	1,372,579	140,000	37,616	1,550,195
2020	-	-	500,000	80,000	-	580,000
2021	-	-	300,000	80,000	-	380,000
Totals:	-	-	29,947,800	7,077,578	3,500,000	40,525,378

Evaluated As of December 31, 2021

Case Outstanding Basis

Birth Year	Nursing Care, Family Care, & Custodial	Physician, Hospital, Therapy, & Drugs	Parental Award	Death Benefits	Transportation, Housing, & Others	Combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	282,603	-	5,570	200,000	1,006,018	1,494,192
1990	204,943	-	-	200,000	588,479	993,423
1991	397,369	-	150,000	160,000	1,525,355	2,232,724
1992	883,132	-	-	400,000	2,742,578	4,025,710
1993	816,081	-	75,000	280,000	2,403,643	3,574,724
1994	351,717	-	-	297,500	1,145,382	1,794,599
1995	560,761	-	-	240,000	1,995,315	2,796,076
1996	500,812	-	225,000	320,000	1,584,418	2,630,230
1997	828,118	-	299,976	390,000	3,169,588	4,687,682
1998	1,276,520	-	48,939	520,000	3,767,273	5,612,732
1999	287,368	-	-	200,000	857,950	1,345,318
2000	222,582	-	8	175,000	724,737	1,122,327
2001	460,330	-	-	200,000	1,443,459	2,103,789
2002	1,115,084	-	81,501	560,000	3,735,738	5,492,323
2003	213,335	-	66	200,000	984,767	1,398,168
2004	521,355	-	78,788	240,000	1,787,940	2,628,083
2005	555,521	-	150,000	280,000	1,890,072	2,875,592
2006	835,081	-	331,823	400,000	3,387,666	4,954,570
2007	665,487	-	140,000	300,000	2,097,087	3,202,574
2008	913,676	-	398,411	360,000	3,425,671	5,097,758
2009	958,248	-	140,000	480,000	3,441,382	5,019,630
2010	371,777	-	164,957	220,000	1,960,965	2,717,699
2011	764,115	-	300,030	400,000	3,171,949	4,636,094
2012	571,873	-	279,976	300,000	2,981,712	4,133,561
2013	578,988	-	-	300,000	2,122,211	3,001,199
2014	653,872	-	17	400,000	2,565,071	3,618,961
2015	1,190,237	-	299,964	680,000	4,486,113	6,656,314
2016	393,950	-	336,001	240,000	1,838,897	2,808,849
2017	852,023	-	718,702	480,000	3,453,921	5,504,646
2018	1,152,590	-	850,050	640,000	4,354,116	6,996,755
2019	620,453	-	427,421	420,000	2,180,525	3,648,399
2020	-	-	1,150,000	360,000	-	1,510,000
2021	-	-	150,000	40,000	-	190,000
Totals:	20,000,000	-	6,802,200	10,882,500	72,820,000	110,504,700

**Open and Deceased Claims Combined (With Class Detail)**

Claims with Classification Detail Provided								NICA AAA, AAD & DA Paid Loss & ALAE
Birth Year	Class A	Class B	Class C	Class D	Classes B, C & D (3)+(4)+(5)	Blank	Subtotal (2) + (6) + (7)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1989	8,180,950	0	0	4,025,500	4,025,500	977,883	13,184,333	16,885,994
1990	3,849,367	1,290,222	0	1,995,961	3,286,183	0	7,135,550	7,614,059
1991	2,067,756	6,387,340	0	2,297,705	8,685,045	0	10,752,801	11,583,942
1992	600,481	9,406,266	3,540,450	5,081,443	18,028,158	310,113	18,938,753	19,655,224
1993	12,733,145	5,521,064	3,107,319	3,176,755	11,805,138	0	24,538,283	25,162,173
1994	1,617,055	0	1,651,483	3,228,244	4,879,727	0	6,496,783	9,013,849
1995	0	6,426,983	1,656,290	4,445,332	12,528,605	0	12,528,605	13,455,395
1996	5,967,753	0	2,235,952	2,336,203	4,572,156	0	10,539,909	12,280,555
1997	5,838,629	1,832,804	4,380,342	2,051,196	8,264,343	194,566	14,297,537	16,023,557
1998	10,018,175	5,296,239	8,363,894	1,954,014	15,614,147	0	25,632,322	27,288,891
1999	10,429,893	2,137,906	0	0	2,137,906	0	12,567,799	14,547,024
2000	3,953,103	1,604,509	0	870,316	2,474,826	0	6,427,928	8,115,680
2001	5,071,702	0	3,041,965	0	3,041,965	0	8,113,667	10,391,789
2002	12,724,292	4,438,330	1,811,516	1,507,111	7,756,957	0	20,481,249	22,212,715
2003	2,357,973	3,138,762	0	0	3,138,762	0	5,496,736	6,523,162
2004	861,381	3,684,251	837,378	351,983	4,873,612	0	5,734,993	7,253,282
2005	7,399,501	893,163	923,155	871,106	2,687,423	0	10,086,924	10,942,541
2006	6,404,114	2,570,652	0	2,879,806	5,450,458	0	11,854,572	12,767,247
2007	9,071,617	3,120,128	0	0	3,120,128	0	12,191,746	13,611,989
2008	1,527,293	4,305,369	1,861,953	657,257	6,824,579	0	8,351,872	9,013,337
2009	3,887,842	1,641,851	2,153,222	2,221,321	6,016,395	0	9,904,236	11,497,957
2010	166,842	1,285,645	709,791	976,822	2,972,258	0	3,139,100	4,312,574
2011	2,277,234	1,105,949	960,894	2,153,409	4,220,252	0	6,497,486	7,462,398
2012	819,612	0	1,598,970	1,542,831	3,141,801	0	3,961,413	5,096,672
2013	5,372,725	0	0	1,490,296	1,490,296	0	6,863,021	7,662,639
2014	3,917,614	2,879,508	0	831,331	3,710,839	0	7,628,453	8,370,886
2015	2,911,158	1,175,084	1,512,255	1,747,717	4,435,057	0	7,346,215	8,449,447
2016	684,591	302,202	0	270,768	572,970	0	1,257,561	2,175,886
2017	1,322,226	2,055,464	238,983	522,086	2,816,533	0	4,138,759	4,881,618
2018	1,201,796	1,035,798	1,300,162	837,298	3,173,258	0	4,375,054	6,175,043
2019	738,506	703,545	1,712,122	267,658	2,683,325	0	3,421,831	4,443,644
2020	287,105	0	163,387	3,694	167,082	0	454,187	1,140,612
2021								994,030
<b>Totals:</b>	<b>134,261,431</b>	<b>74,239,034</b>	<b>43,761,485</b>	<b>50,595,164</b>	<b>168,595,683</b>	<b>1,482,562</b>	<b>304,339,676</b>	<b>347,005,809</b>

**Open and Deceased Claims Combined (With Class Detail)**

Claims with Classification Detail Provided								NICA AAA, AAD & DA Incurred Loss & ALAE
Birth Year	Class A	Class B	Class C	Class D	Classes B, C & D (3)+(4)+(5)	Blank	Subtotal (2) + (6) + (7)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	11,744,297	0	0	14,204,548	14,204,548	1,027,883	26,976,728	30,728,389
1990	8,230,857	3,226,653	0	4,812,485	8,039,138	0	16,269,994	16,848,503
1991	5,007,429	15,156,239	0	7,161,177	22,317,416	0	27,324,845	28,155,986
1992	4,816,595	25,032,167	8,129,354	20,196,240	53,357,761	360,113	58,534,469	59,250,940
1993	18,937,067	5,524,288	13,818,502	21,325,062	40,667,852	0	59,604,919	60,228,810
1994	1,667,055	0	7,407,934	15,699,159	23,107,093	0	24,774,148	27,478,715
1995	0	13,649,561	7,707,371	17,910,765	39,267,697	0	39,267,697	40,244,487
1996	12,981,819	0	7,846,968	11,620,947	19,467,915	0	32,449,734	34,290,380
1997	9,351,207	8,985,861	19,360,032	18,153,708	46,499,601	194,566	56,045,373	57,871,394
1998	16,327,994	17,972,777	36,271,065	11,434,621	65,678,463	0	82,006,457	83,763,026
1999	18,391,619	6,631,487	0	0	6,631,487	0	25,023,106	27,102,331
2000	6,337,235	3,261,782	0	7,803,806	11,065,588	0	17,402,823	19,165,575
2001	14,566,527	0	15,186,527	0	15,186,527	0	29,753,054	32,081,176
2002	37,537,547	14,907,436	7,607,062	15,529,308	38,043,806	0	75,581,353	77,392,818
2003	5,728,021	10,112,720	0	0	10,112,720	0	15,840,741	16,947,167
2004	6,874,564	16,792,446	6,264,001	4,743,384	27,799,831	0	34,674,395	36,232,684
2005	20,067,049	893,163	5,708,262	12,292,843	18,894,268	0	38,961,316	39,816,933
2006	22,324,239	13,198,347	0	23,324,430	36,522,777	0	58,847,016	59,799,691
2007	23,904,745	18,829,916	0	0	18,829,916	0	42,734,661	44,174,904
2008	9,965,462	26,366,238	12,985,934	13,073,896	52,426,068	0	62,391,530	63,052,996
2009	23,359,078	6,739,258	10,488,635	23,196,652	40,424,545	0	63,783,623	65,469,126
2010	166,842	7,096,138	5,695,279	15,460,536	28,251,953	0	28,418,795	29,639,594
2011	11,338,834	6,539,851	11,196,187	25,455,833	43,191,871	0	54,530,705	55,495,618
2012	2,349,611	0	20,643,570	19,955,777	40,599,347	0	42,948,958	44,104,217
2013	23,572,609	0	0	15,498,896	15,498,896	0	39,071,505	39,891,123
2014	14,838,930	20,564,595	0	9,696,456	30,261,051	0	45,099,981	45,882,414
2015	27,905,686	13,892,692	11,022,648	27,873,876	52,789,216	0	80,694,902	81,970,267
2016	9,437,805	9,268,388	0	8,852,765	18,121,153	0	27,558,958	28,675,020
2017	14,969,584	23,834,430	7,656,803	12,254,029	43,745,262	0	58,714,846	62,553,167
2018	18,187,745	10,560,742	24,953,887	23,263,728	58,778,357	0	76,966,102	84,882,978
2019	12,177,227	7,517,941	23,817,237	2,930,000	34,265,178	0	46,442,405	50,564,404
2020	2,830,000	0	2,930,000	2,830,000	5,760,000	0	8,590,000	20,717,084
2021								1,441,273
Totals:	415,895,278	306,555,115	266,697,258	406,554,927	979,807,301	1,582,562	1,397,285,140	1,465,913,190

**Open and Deceased Claims Combined (With Class Detail)**

Birth Year	Claims with Classification Detail Provided							NICA AAA & AAD Reported Claims as of 12 31 21	NICA AAA Reported Claims as of 12 31 21
	Class A	Class B	Class C	Class D	Classes B, C & D (3)+(4)+(5)	Blank	Subtotal		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	4	0	0	2	2	1	7	11	3
1990	3	2	0	2	4	0	7	7	3
1991	1	2	0	1	3	0	4	4	4
1992	1	4	1	4	9	2	12	13	9
1993	4	3	2	3	8	0	12	13	7
1994	2	0	1	2	3	0	5	7	3
1995	0	3	1	2	6	0	6	6	5
1996	3	0	1	2	3	0	6	7	6
1997	2	1	3	3	7	1	10	11	8
1998	4	2	4	2	8	0	12	15	11
1999	6	2	0	0	2	0	8	9	3
2000	3	1	0	1	2	0	5	6	3
2001	2	0	2	0	2	0	4	4	4
2002	9	3	1	2	6	0	15	17	12
2003	1	2	0	0	2	0	3	3	3
2004	1	2	1	1	4	0	5	6	5
2005	5	2	1	2	5	0	10	11	7
2006	4	3	0	3	6	0	10	12	9
2007	5	2	0	0	2	0	7	10	7
2008	3	3	2	2	7	0	10	10	9
2009	4	1	2	3	6	0	10	11	10
2010	1	1	1	3	5	0	6	6	5
2011	3	1	2	4	7	0	10	12	10
2012	1	0	3	3	6	0	7	7	7
2013	5	0	0	2	2	0	7	8	7
2014	5	3	0	2	5	0	10	10	8
2015	6	2	2	4	8	0	14	14	14
2016	2	2	0	1	3	0	5	5	5
2017	4	4	1	2	7	0	11	13	12
2018	3	2	4	3	9	0	12	15	14
2019	3	1	4	1	6	0	9	11	10
2020	1	0	1	1	2	0	3	8	7
2021									
Totals:	101	54	40	63	157	4	262	302	230

Estimation of Outstanding Loss & Expense

Summary of Mortality Assumptions - Before and After Longitudinal Adjustment for Mortality Trend  
Average of Male and Female Factor

**Selected Excess Death Rate ==>** 0.0350 0.0330 0.0370 0.0060 0.0050 0.0065

NICA Mortality (Q(x)) By Claim Classification

Selected Q (x) - Average of Male & Female - Before Longitudinal Adjustment

Selected Q (x) - Average of Male & Female - After Longitudinal Adjustment

Data as of  
12/31/21

Age	Longitudinal Adjustment Factor	Class A - Q(X)			Classes B, C & D - Q(X)			Class A - Q(X)			Classes B, C & D - Q(X)		
		Best Estimate	High Life Exp. Estimate	Low Life Exp. Estimate	Best Estimate	High Life Exp. Estimate	Low Life Exp. Estimate	Best Estimate (2) X (3)	High Life Exp. Estimate (2) X (4)	Low Life Exp. Estimate (2) X (5)	Best Estimate (2) X (6)	High Life Exp. Estimate (2) X (7)	Low Life Exp. Estimate (2) X (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
0	1.0000	0.0372	0.0356	0.0388	0.0140	0.0132	0.0144	0.0372	0.0356	0.0388	0.0140	0.0132	0.0144
1	1.0000	0.0288	0.0272	0.0304	0.0055	0.0047	0.0059	0.0288	0.0272	0.0304	0.0055	0.0047	0.0059
2	1.0000	0.0289	0.0273	0.0305	0.0053	0.0045	0.0057	0.0289	0.0273	0.0305	0.0053	0.0045	0.0057
3	1.0000	0.0292	0.0275	0.0308	0.0053	0.0045	0.0057	0.0292	0.0275	0.0308	0.0053	0.0045	0.0057
4	1.0000	0.0295	0.0278	0.0312	0.0053	0.0045	0.0057	0.0295	0.0278	0.0312	0.0053	0.0045	0.0057
5	1.0000	0.0299	0.0282	0.0316	0.0053	0.0045	0.0058	0.0299	0.0282	0.0316	0.0053	0.0045	0.0058
6	1.0000	0.0303	0.0286	0.0320	0.0054	0.0045	0.0058	0.0303	0.0286	0.0320	0.0054	0.0045	0.0058
7	1.0000	0.0307	0.0290	0.0324	0.0055	0.0046	0.0059	0.0307	0.0290	0.0324	0.0055	0.0046	0.0059
8	1.0000	0.0311	0.0294	0.0329	0.0055	0.0046	0.0060	0.0311	0.0294	0.0329	0.0055	0.0046	0.0060
9	1.0000	0.0316	0.0298	0.0334	0.0056	0.0047	0.0060	0.0316	0.0298	0.0334	0.0056	0.0047	0.0060
10	1.0000	0.0320	0.0302	0.0338	0.0056	0.0047	0.0061	0.0320	0.0302	0.0338	0.0056	0.0047	0.0061
11	1.0000	0.0325	0.0307	0.0344	0.0057	0.0048	0.0062	0.0325	0.0307	0.0344	0.0057	0.0048	0.0062
12	1.0000	0.0331	0.0312	0.0349	0.0059	0.0049	0.0063	0.0331	0.0312	0.0349	0.0059	0.0049	0.0063
13	1.0000	0.0337	0.0318	0.0356	0.0060	0.0051	0.0065	0.0337	0.0318	0.0356	0.0060	0.0051	0.0065
14	1.0000	0.0343	0.0324	0.0363	0.0063	0.0053	0.0067	0.0343	0.0324	0.0363	0.0063	0.0053	0.0067
15	1.0000	0.0350	0.0331	0.0370	0.0065	0.0055	0.0070	0.0350	0.0331	0.0370	0.0065	0.0055	0.0070
16	1.0000	0.0357	0.0337	0.0377	0.0067	0.0057	0.0072	0.0357	0.0337	0.0377	0.0067	0.0057	0.0072
17	1.0000	0.0364	0.0344	0.0385	0.0069	0.0059	0.0075	0.0364	0.0344	0.0385	0.0069	0.0059	0.0075
18	0.9965	0.0371	0.0350	0.0392	0.0071	0.0061	0.0076	0.0370	0.0349	0.0390	0.0071	0.0061	0.0076
19	0.9930	0.0377	0.0356	0.0398	0.0073	0.0062	0.0078	0.0375	0.0354	0.0396	0.0072	0.0062	0.0078
20	0.9895	0.0384	0.0363	0.0406	0.0074	0.0064	0.0080	0.0380	0.0359	0.0401	0.0074	0.0063	0.0079
21	0.9861	0.0391	0.0369	0.0413	0.0076	0.0065	0.0081	0.0386	0.0364	0.0407	0.0075	0.0064	0.0080
22	0.9826	0.0398	0.0376	0.0420	0.0078	0.0067	0.0083	0.0391	0.0370	0.0413	0.0076	0.0065	0.0082
23	0.9792	0.0405	0.0383	0.0428	0.0079	0.0068	0.0085	0.0397	0.0375	0.0419	0.0077	0.0066	0.0083
24	0.9758	0.0413	0.0390	0.0436	0.0080	0.0069	0.0086	0.0403	0.0380	0.0425	0.0078	0.0067	0.0084
25	0.9723	0.0420	0.0397	0.0444	0.0082	0.0070	0.0088	0.0409	0.0386	0.0431	0.0080	0.0068	0.0085
26	0.9689	0.0428	0.0404	0.0452	0.0083	0.0071	0.0089	0.0415	0.0392	0.0438	0.0081	0.0069	0.0086
27	0.9655	0.0436	0.0412	0.0461	0.0085	0.0073	0.0091	0.0421	0.0398	0.0445	0.0082	0.0070	0.0088
28	0.9622	0.0445	0.0421	0.0470	0.0087	0.0075	0.0093	0.0428	0.0405	0.0452	0.0084	0.0072	0.0090
29	0.9588	0.0455	0.0429	0.0480	0.0089	0.0077	0.0095	0.0436	0.0412	0.0460	0.0085	0.0073	0.0092
30	0.9554	0.0464	0.0439	0.0490	0.0092	0.0079	0.0098	0.0444	0.0419	0.0468	0.0087	0.0075	0.0094
31	0.9521	0.0474	0.0448	0.0501	0.0094	0.0081	0.0100	0.0452	0.0427	0.0477	0.0089	0.0077	0.0096
32	0.9488	0.0485	0.0458	0.0512	0.0096	0.0083	0.0103	0.0460	0.0435	0.0485	0.0091	0.0079	0.0098
33	0.9454	0.0496	0.0468	0.0523	0.0099	0.0085	0.0106	0.0469	0.0443	0.0494	0.0093	0.0080	0.0100
34	0.9421	0.0507	0.0479	0.0535	0.0101	0.0087	0.0108	0.0477	0.0451	0.0504	0.0095	0.0082	0.0102
35	0.9388	0.0518	0.0490	0.0547	0.0104	0.0090	0.0111	0.0487	0.0460	0.0514	0.0098	0.0084	0.0104
36	0.9356	0.0531	0.0502	0.0560	0.0107	0.0092	0.0114	0.0497	0.0469	0.0524	0.0100	0.0086	0.0107
37	0.9323	0.0544	0.0514	0.0573	0.0110	0.0095	0.0117	0.0507	0.0479	0.0535	0.0102	0.0088	0.0109
38	0.9290	0.0557	0.0526	0.0588	0.0113	0.0097	0.0120	0.0517	0.0489	0.0546	0.0105	0.0091	0.0112
39	0.9258	0.0571	0.0539	0.0602	0.0116	0.0100	0.0124	0.0528	0.0499	0.0557	0.0107	0.0093	0.0115
40	0.9225	0.0586	0.0553	0.0618	0.0119	0.0103	0.0127	0.0540	0.0510	0.0570	0.0110	0.0095	0.0118
41	0.9193	0.0601	0.0568	0.0634	0.0123	0.0107	0.0131	0.0553	0.0522	0.0583	0.0113	0.0098	0.0121
42	0.9161	0.0618	0.0584	0.0651	0.0127	0.0110	0.0136	0.0566	0.0535	0.0597	0.0116	0.0101	0.0124
43	0.9129	0.0635	0.0600	0.0670	0.0132	0.0114	0.0140	0.0580	0.0548	0.0611	0.0120	0.0104	0.0128
44	0.9097	0.0654	0.0618	0.0689	0.0136	0.0119	0.0145	0.0595	0.0562	0.0627	0.0124	0.0108	0.0132
45	0.9065	0.0673	0.0637	0.0710	0.0142	0.0123	0.0151	0.0610	0.0577	0.0644	0.0128	0.0112	0.0137
46	0.9033	0.0694	0.0657	0.0732	0.0147	0.0129	0.0157	0.0627	0.0593	0.0661	0.0133	0.0116	0.0142
47	0.9002	0.0717	0.0678	0.0755	0.0154	0.0134	0.0163	0.0645	0.0610	0.0680	0.0138	0.0121	0.0147
48	0.8970	0.0740	0.0700	0.0780	0.0161	0.0141	0.0171	0.0664	0.0628	0.0700	0.0144	0.0126	0.0153
49	0.8939	0.0766	0.0725	0.0807	0.0168	0.0148	0.0179	0.0685	0.0648	0.0721	0.0151	0.0132	0.0160
50	0.8907	0.0793	0.0750	0.0835	0.0177	0.0156	0.0187	0.0706	0.0668	0.0744	0.0158	0.0139	0.0167
51	0.8876	0.0822	0.0778	0.0865	0.0186	0.0164	0.0197	0.0729	0.0690	0.0768	0.0165	0.0146	0.0175
52	0.8845	0.0852	0.0807	0.0897	0.0196	0.0173	0.0207	0.0754	0.0714	0.0794	0.0173	0.0153	0.0183
53	0.8814	0.0884	0.0837	0.0931	0.0206	0.0182	0.0217	0.0779	0.0738	0.0820	0.0181	0.0161	0.0192
54	0.8783	0.0918	0.0870	0.0966	0.0217	0.0192	0.0229	0.0806	0.0764	0.0849	0.0190	0.0169	0.0201
55	0.8753	0.0954	0.0904	0.1004	0.0228	0.0203	0.0241	0.835	0.0791	0.0879	0.0200	0.0178	0.0211
56	0.8722	0.0993	0.0941	0.1045	0.0241	0.0215	0.0254	0.866	0.0821	0.0911	0.0210	0.0188	0.0222
57	0.8691	0.1034	0.0980	0.1088	0.0255	0.0228	0.0269	0.899	0.0852	0.0946	0.0222	0.0198	0.0233
58	0.8661	0.1078	0.1022	0.1134	0.0270	0.0242	0.0284	0.934	0.0885	0.0982	0.0234	0.0210	0.0246
59	0.8631	0.1125	0.1067	0.1183	0.0286	0.0257	0.0300	0.971	0.0921	0.1021	0.0247	0.0222	0.0259
60	0.8601	0.1175	0.1115	0.1235	0.0303	0.0273	0.0318	0.1010	0.0959	0.1062	0.0261	0.0235	0.0274



Estimation of Outstanding Loss & Expense

Mortality By  
Claim Class

Best Estimate Before Longitudinal Adjustment  Data as of 12/31/21	All Classes Combined			Class A Only			Classes B,C & D Combined		
	EDR = 0.0160			EDR = 0.0350			EDR = 0.0060		
	Female LE		Before .50 Year Adjustment	Female LE		Before .50 Year Adjustment	Female LE		Before .50 Year Adjustment
	<u>Final (PLE) Adjusted Q(x) (d)</u>			<u>Final (PLE) Adjusted Q(x) (d)</u>			<u>Final (PLE) Adjusted Q(x) (d)</u>		
Age	Male	Female	Male	Female	Male	Female	Male	Female	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	0.02283	0.02118	38.17	0.03785	0.03652	23.55	0.01493	0.01311	56.07
1	0.01343	0.01362	37.70	0.02851	0.02903	23.25	0.00550	0.00551	55.38
2	0.01336	0.01356	37.21	0.02864	0.02915	22.95	0.00532	0.00535	54.68
3	0.01346	0.01362	36.73	0.02895	0.02941	22.65	0.00531	0.00530	53.97
4	0.01356	0.01371	36.24	0.02927	0.02971	22.34	0.00528	0.00529	53.25
5	0.01372	0.01387	35.75	0.02967	0.03008	22.03	0.00533	0.00533	52.54
6	0.01391	0.01404	35.26	0.03009	0.03047	21.73	0.00539	0.00539	51.82
7	0.01410	0.01421	34.77	0.03053	0.03087	21.42	0.00546	0.00545	51.11
8	0.01429	0.01439	34.27	0.03097	0.03128	21.11	0.00552	0.00551	50.39
9	0.01449	0.01458	33.78	0.03142	0.03171	20.80	0.00557	0.00557	49.67
10	0.01469	0.01478	33.29	0.03190	0.03215	20.49	0.00563	0.00563	48.96
11	0.01493	0.01499	32.79	0.03242	0.03262	20.18	0.00573	0.00571	48.24
12	0.01524	0.01523	32.30	0.03302	0.03312	19.87	0.00589	0.00582	47.52
13	0.01563	0.01551	31.81	0.03370	0.03366	19.57	0.00612	0.00595	46.80
14	0.01608	0.01581	31.32	0.03445	0.03424	19.26	0.00641	0.00611	46.09
15	0.01656	0.01612	30.83	0.03524	0.03483	18.96	0.00672	0.00628	45.38
16	0.01703	0.01644	30.35	0.03603	0.03544	18.65	0.00703	0.00644	44.68
17	0.01748	0.01675	29.87	0.03680	0.03604	18.35	0.00731	0.00659	43.97
18	0.01789	0.01703	29.38	0.03754	0.03663	18.05	0.00754	0.00671	43.27
19	0.01828	0.01730	28.90	0.03827	0.03722	17.75	0.00775	0.00681	42.57
20	0.01867	0.01757	28.42	0.03902	0.03782	17.44	0.00796	0.00692	41.86
21	0.01908	0.01786	27.93	0.03979	0.03844	17.14	0.00817	0.00703	41.16
22	0.01947	0.01816	27.45	0.04055	0.03909	16.84	0.00837	0.00715	40.46
23	0.01983	0.01848	26.97	0.04131	0.03977	16.53	0.00853	0.00728	39.75
24	0.02019	0.01882	26.49	0.04206	0.04048	16.23	0.00867	0.00741	39.05
25	0.02054	0.01916	26.00	0.04284	0.04121	15.93	0.00881	0.00756	38.35
26	0.02092	0.01952	25.52	0.04365	0.04197	15.63	0.00896	0.00770	37.64
27	0.02134	0.01989	25.04	0.04452	0.04276	15.33	0.00914	0.00786	36.94
28	0.02181	0.02029	24.56	0.04546	0.04358	15.02	0.00936	0.00803	36.24
29	0.02233	0.02070	24.08	0.04647	0.04444	14.72	0.00962	0.00821	35.54
30	0.02288	0.02114	23.60	0.04752	0.04533	14.42	0.00990	0.00840	34.84
31	0.02343	0.02159	23.12	0.04861	0.04627	14.12	0.01018	0.00860	34.15
32	0.02400	0.02206	22.64	0.04973	0.04723	13.82	0.01046	0.00881	33.45
33	0.02458	0.02254	22.16	0.05088	0.04823	13.52	0.01074	0.00902	32.75
34	0.02518	0.02304	21.68	0.05208	0.04928	13.22	0.01103	0.00924	32.06
35	0.02581	0.02357	21.21	0.05333	0.05037	12.92	0.01133	0.00947	31.36
36	0.02648	0.02413	20.73	0.05465	0.05151	12.63	0.01165	0.00972	30.67
37	0.02716	0.02471	20.26	0.05601	0.05270	12.33	0.01198	0.00998	29.98
38	0.02786	0.02533	19.78	0.05743	0.05395	12.03	0.01230	0.01026	29.29
39	0.02859	0.02597	19.31	0.05891	0.05525	11.74	0.01264	0.01055	28.61
40	0.02937	0.02665	18.84	0.06048	0.05663	11.44	0.01300	0.01087	27.92
41	0.03021	0.02737	18.37	0.06214	0.05808	11.15	0.01340	0.01121	27.24
42	0.03111	0.02814	17.90	0.06392	0.05960	10.85	0.01385	0.01158	26.56
43	0.03209	0.02895	17.43	0.06581	0.06121	10.56	0.01434	0.01197	25.88
44	0.03314	0.02981	16.97	0.06783	0.06290	10.27	0.01488	0.01240	25.20
45	0.03427	0.03073	16.51	0.06998	0.06469	9.98	0.01547	0.01286	24.53
46	0.03549	0.03171	16.05	0.07228	0.06658	9.69	0.01613	0.01335	23.86
47	0.03682	0.03276	15.59	0.07474	0.06859	9.40	0.01686	0.01390	23.20
48	0.03826	0.03388	15.14	0.07738	0.07072	9.12	0.01767	0.01449	22.54
49	0.03982	0.03508	14.69	0.08020	0.07297	8.84	0.01856	0.01513	21.89
50	0.04150	0.03636	14.24	0.08322	0.07536	8.56	0.01954	0.01583	21.24



Estimation of Outstanding Loss & Expense

Mortality By  
Claim Class

Best Estimate Before Longitudinal Adjustment  Data as of 12/31/21	All Classes Combined			Class A Only			Classes B,C & D Combined		
	EDR = 0.0160			EDR = 0.0350			EDR = 0.0060		
	Female LE			Female LE			Female LE		
	<u>Final (PLE) Adjusted Q(x) (d)</u>			<u>Final (PLE) Adjusted Q(x) (d)</u>			<u>Final (PLE) Adjusted Q(x) (d)</u>		
Age	Male	Female	Before .50 Year Adjustment	Male	Female	Before .50 Year Adjustment	Male	Female	Before .50 Year Adjustment
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
51	0.04330	0.03772	13.80	0.08643	0.07789	8.28	0.02060	0.01658	20.60
52	0.04523	0.03915	13.36	0.08985	0.08054	8.00	0.02175	0.01736	19.96
53	0.04728	0.04064	12.93	0.09347	0.08333	7.73	0.02297	0.01818	19.33
54	0.04947	0.04222	12.50	0.09733	0.08627	7.46	0.02428	0.01904	18.70
55	0.05183	0.04391	12.07	0.10146	0.08939	7.19	0.02572	0.01997	18.09
56	0.05438	0.04572	11.65	0.10588	0.09271	6.93	0.02728	0.02098	17.47
57	0.05709	0.04766	11.24	0.11057	0.09627	6.67	0.02894	0.02208	16.87
58	0.05996	0.04976	10.82	0.11555	0.10006	6.41	0.03070	0.02328	16.27
59	0.06303	0.05201	10.42	0.12086	0.10411	6.15	0.03259	0.02458	15.68
60	0.06633	0.05442	10.02	0.12654	0.10842	5.90	0.03463	0.02599	15.10
61	0.06990	0.05699	9.62	0.13267	0.11302	5.65	0.03687	0.02751	14.53
62	0.07381	0.05973	9.23	0.13928	0.11790	5.41	0.03935	0.02912	13.96
63	0.07808	0.06264	8.85	0.14645	0.12309	5.17	0.04209	0.03083	13.41
64	0.08270	0.06575	8.48	0.15416	0.12862	4.93	0.04510	0.03266	12.86
65	0.08773	0.06911	8.10	0.16246	0.13456	4.70	0.04839	0.03466	12.32
66	0.09308	0.07273	7.74	0.17130	0.14093	4.47	0.05191	0.03683	11.79
67	0.09869	0.07656	7.38	0.18062	0.14771	4.25	0.05557	0.03911	11.27
68	0.10453	0.08061	7.03	0.19043	0.15492	4.02	0.05932	0.04150	10.76
69	0.11071	0.08495	6.68	0.20087	0.16265	3.80	0.06327	0.04406	10.25
70	0.11741	0.08971	6.34	0.21215	0.17105	3.59	0.06754	0.04689	9.76
71	0.12475	0.09492	6.00	0.22444	0.18021	3.38	0.07228	0.05003	9.27
72	0.13279	0.10055	5.68	0.23782	0.19010	3.17	0.07751	0.05342	8.80
73	0.14162	0.10665	5.35	0.25241	0.20080	2.97	0.08331	0.05709	8.33
74	0.15124	0.11330	5.04	0.26824	0.21245	2.77	0.08967	0.06111	7.87
75	0.16168	0.12068	4.73	0.28535	0.22527	2.58	0.09659	0.06563	7.42
76	0.17291	0.12884	4.43	0.30376	0.23935	2.39	0.10405	0.07068	6.99
77	0.18495	0.13773	4.14	0.32350	0.25468	2.20	0.11202	0.07618	6.56
78	0.19781	0.14741	3.85	0.34467	0.27139	2.02	0.12052	0.08215	6.15
79	0.21163	0.15804	3.57	0.36745	0.28973	1.85	0.12962	0.08873	5.75
80	0.22656	0.16986	3.30	0.39207	0.31001	1.68	0.13945	0.09610	5.36
81	0.24272	0.18305	3.05	0.41870	0.33250	1.51	0.15010	0.10439	4.99
82	0.26015	0.19768	2.80	0.44746	0.35736	1.36	0.16156	0.11364	4.63
83	0.27892	0.21388	2.56	0.47848	0.38480	1.21	0.17389	0.12392	4.28
84	0.29914	0.23179	2.33	0.51195	0.41506	1.06	0.18713	0.13534	3.95
85	0.32089	0.25155	2.11	0.54804	0.44839	0.92	0.20133	0.14795	3.64
86	0.34427	0.27329	1.90	0.58692	0.48503	0.79	0.21655	0.16185	3.34
87	0.36937	0.29715	1.71	0.62880	0.52525	0.67	0.23283	0.17709	3.06
88	0.39630	0.32326	1.52	0.67385	0.56930	0.55	0.25021	0.19377	2.79
89	0.42512	0.35178	1.35	0.72226	0.61747	0.44	0.26873	0.21194	2.55
90	0.45593	0.38282	1.19	0.77421	0.67000	0.34	0.28842	0.23167	2.31
91	0.48881	0.41650	1.04	0.82985	0.72714	0.24	0.30931	0.25301	2.10
92	0.52380	0.45291	0.90	0.88933	0.78905	0.15	0.33141	0.27599	1.90
93	0.56093	0.49208	0.77	0.95271	0.85581	0.07	0.35473	0.30064	1.71
94	0.60016	0.53395	0.65	0.99000	0.92730	0.01	0.37925	0.32692	1.55
95	0.64091	0.57761	0.55	0.99000	0.99000	0.01	0.40444	0.35404	1.39
96	0.68311	0.62287	0.45	0.99000	0.99000	0.01	0.43023	0.38183	1.25
97	0.72675	0.66959	0.36	0.99000	0.99000	0.01	0.45654	0.41009	1.13
98	0.77193	0.71778	0.28	0.99000	0.99000	0.01	0.48335	0.43869	1.01
99	0.81901	0.76778	0.20	0.99000	0.99000	0.01	0.51069	0.46761	0.89
100	0.87002	0.82247	0.12	0.99000	0.99000	0.01	0.54000	0.49890	0.78

Mortality Estimates Based on Constant Proportional Life Expectancy Method (PLE)

Example for Best Estimate - Classes B, C & D

Assumptions: (1) NICA Excess Death Rate (EDR) (a) ==> 0.0060  
(2) Assumed Average Age of Experience ==> 16

**Life Expectation  
at Age X Based on :**

<u>Age</u> (1)	<u>Life Expectation at Age X Based on :</u>		<u>Age Adjusted (PLE) EDR (c)</u>		<u>Final (PLE) Adjusted Q(x) (d)</u>	
	<u>Male (b)</u> <u>1990 Table</u> (2)	<u>Female (b)</u> <u>1990 Table</u> (3)	<u>Male</u> (4)	<u>Female</u> (5)	<u>Male</u> (6)	<u>Female</u> (7)
0	71.08	78.15	0.0047	0.0048	0.01493	0.01311
1	70.81	77.80	0.0048	0.0049	0.00550	0.00551
2	69.86	76.85	0.0048	0.0049	0.00532	0.00535
3	68.89	75.88	0.0049	0.0050	0.00531	0.00530
4	67.92	74.91	0.0050	0.0051	0.00528	0.00529
5	66.94	73.93	0.0050	0.0051	0.00533	0.00533
6	65.96	72.94	0.0051	0.0052	0.00539	0.00539
7	64.98	71.96	0.0052	0.0053	0.00546	0.00545
8	64.00	70.97	0.0053	0.0053	0.00552	0.00551
9	63.02	69.98	0.0053	0.0054	0.00557	0.00557
10	62.03	68.99	0.0054	0.0055	0.00563	0.00563
11	61.04	68.00	0.0055	0.0056	0.00573	0.00571
12	60.06	67.01	0.0056	0.0056	0.00589	0.00582
13	59.07	66.03	0.0057	0.0057	0.00612	0.00595
14	58.10	65.04	0.0058	0.0058	0.00641	0.00611
15	57.13	64.06	0.0059	0.0059	0.00672	0.00628
16	56.18	63.08	0.0060	0.0060	0.00703	0.00644
17	55.24	62.11	0.0061	0.0061	0.00731	0.00659
18	54.30	61.14	0.0062	0.0062	0.00754	0.00671
19	53.38	60.17	0.0063	0.0063	0.00775	0.00681
20	52.45	59.20	0.0064	0.0064	0.00796	0.00692
21	51.53	58.24	0.0065	0.0065	0.00817	0.00703
22	50.62	57.27	0.0067	0.0066	0.00837	0.00715
23	49.70	56.30	0.0068	0.0067	0.00853	0.00728
24	48.79	55.33	0.0069	0.0068	0.00867	0.00741
25	47.88	54.36	0.0070	0.0070	0.00881	0.00756
26	46.96	53.39	0.0072	0.0071	0.00896	0.00770
27	46.05	52.43	0.0073	0.0072	0.00914	0.00786
28	45.13	51.46	0.0075	0.0074	0.00936	0.00803
29	44.21	50.49	0.0076	0.0075	0.00962	0.00821
30	43.30	49.53	0.0078	0.0076	0.00990	0.00840
31	42.40	48.57	0.0080	0.0078	0.01018	0.00860
32	41.49	47.61	0.0081	0.0080	0.01046	0.00881
33	40.59	46.65	0.0083	0.0081	0.01074	0.00902
34	39.69	45.69	0.0085	0.0083	0.01103	0.00924
35	38.79	44.73	0.0087	0.0085	0.01133	0.00947
36	37.89	43.78	0.0089	0.0086	0.01165	0.00972
37	36.99	42.83	0.0091	0.0088	0.01198	0.00998
38	36.10	41.87	0.0093	0.0090	0.01230	0.01026
39	35.21	40.93	0.0096	0.0092	0.01264	0.01055

Notes: (a) Excess death rate (EDR) as selected based on the NICA experience - See Exhibit IV.

(b) Based on the Q(x) as shown for the 1990 US Life Tables.

(c) Excess death rate (EDR) at age X is calculated as the minimum of .90 and the product of EDR in Assumption (1) and the ratio of the remaining life expectancy at age 16 to the remaining life expectancy at age X.

Example ==> EDR 35 (Male) = EDR 16 X (LE 16 / LE 35) = .0060 X (56.18 / 38.79) = .0087

(d) Final selected mortality rate is a combination of the actual US Life Table Q(x) and the EDR as developed in columns (4) and (5).

Mortality Estimates Based on Constant Proportional Life Expectancy Method (PLE)

Example for Best Estimate - Classes B, C & D

Assumptions: (1) NICA Excess Death Rate (EDR) (a) ==> 0.0060  
(2) Assumed Average Age of Experience ==> 16

**Life Expectation  
at Age X Based on :**

<u>Age</u> (1)	<u>1990 Table</u>		<u>Age Adjusted (PLE) EDR (c)</u>		<u>Final (PLE) Adjusted Q(x) (d)</u>	
	<u>Male (b)</u> (2)	<u>Female (b)</u> (3)	<u>Male</u> (4)	<u>Female</u> (5)	<u>Male</u> (6)	<u>Female</u> (7)
40	34.32	39.98	0.0098	0.0095	0.01300	0.01087
41	33.43	39.04	0.0101	0.0097	0.01340	0.01121
42	32.54	38.09	0.0104	0.0099	0.01385	0.01158
43	31.65	37.16	0.0106	0.0102	0.01434	0.01197
44	30.77	36.22	0.0110	0.0104	0.01488	0.01240
45	29.89	35.29	0.0113	0.0107	0.01547	0.01286
46	29.02	34.37	0.0116	0.0110	0.01613	0.01335
47	28.15	33.45	0.0120	0.0113	0.01686	0.01390
48	27.28	32.54	0.0124	0.0116	0.01767	0.01449
49	26.43	31.63	0.0128	0.0120	0.01856	0.01513
50	25.58	30.73	0.0132	0.0123	0.01954	0.01583
51	24.75	29.84	0.0136	0.0127	0.02060	0.01658
52	23.92	28.96	0.0141	0.0131	0.02175	0.01736
53	23.11	28.08	0.0146	0.0135	0.02297	0.01818
54	22.30	27.21	0.0151	0.0139	0.02428	0.01904
55	21.51	26.35	0.0157	0.0144	0.02572	0.01997
56	20.73	25.50	0.0163	0.0148	0.02728	0.02098
57	19.96	24.66	0.0169	0.0153	0.02894	0.02208
58	19.20	23.83	0.0176	0.0159	0.03070	0.02328
59	18.46	23.00	0.0183	0.0165	0.03259	0.02458
60	17.73	22.19	0.0190	0.0171	0.03463	0.02599
61	17.01	21.39	0.0198	0.0177	0.03687	0.02751
62	16.30	20.61	0.0207	0.0184	0.03935	0.02912
63	15.61	19.83	0.0216	0.0191	0.04209	0.03083
64	14.94	19.07	0.0226	0.0199	0.04510	0.03266
65	14.28	18.31	0.0236	0.0207	0.04839	0.03466
66	13.65	17.57	0.0247	0.0215	0.05191	0.03683
67	13.03	16.85	0.0259	0.0225	0.05557	0.03911
68	12.43	16.13	0.0271	0.0235	0.05932	0.04150
69	11.84	15.43	0.0285	0.0245	0.06327	0.04406
70	11.27	14.73	0.0299	0.0257	0.06754	0.04689
71	10.71	14.05	0.0315	0.0269	0.07228	0.05003
72	10.16	13.39	0.0332	0.0283	0.07751	0.05342
73	9.63	12.73	0.0350	0.0297	0.08331	0.05709
74	9.12	12.09	0.0369	0.0313	0.08967	0.06111
75	8.63	11.46	0.0391	0.0330	0.09659	0.06563
76	8.16	10.85	0.0413	0.0349	0.10405	0.07068
77	7.70	10.25	0.0438	0.0369	0.11202	0.07618
78	7.27	9.67	0.0464	0.0392	0.12052	0.08215
79	6.85	9.10	0.0492	0.0416	0.12962	0.08873

Notes: (a) Excess death rate (EDR) as selected based on the NICA experience - See Exhibit IV.

(b) Based on the Q(x) as shown for the 1990 US Life Tables.

(c) Excess death rate (EDR) at age X is calculated as the minimum of .90 and the product of EDR in Assumption (1) and the ratio of the remaining life expectancy at age 16 to the remaining life expectancy at age X.

Example ==> EDR 35 (Male) = EDR 16 X (LE 16 / LE 35) = .0060 X (56.18 / 38.79) = .0087

(d) Final selected mortality rate is a combination of the actual US Life Table Q(x) and the EDR as developed in columns (4) and (5).

Mortality Estimates Based on Constant Proportional Life Expectancy Method (PLE)

Example for Best Estimate - Classes B, C & D

Assumptions: (1) NICA Excess Death Rate (EDR) (a) ==> 0.0060  
(2) Assumed Average Age of Experience ==> 16

**Life Expectation  
at Age X Based on :**

<u>Age</u> (1)	<u>1990 Table</u>		<u>Age Adjusted (PLE) EDR (c)</u>		<u>Final (PLE) Adjusted Q(x) (d)</u>	
	<u>Male (b)</u> (2)	<u>Female (b)</u> (3)	<u>Male</u> (4)	<u>Female</u> (5)	<u>Male</u> (6)	<u>Female</u> (7)
80	6.45	8.55	0.0523	0.0443	0.13945	0.09610
81	6.07	8.02	0.0556	0.0472	0.15010	0.10439
82	5.70	7.51	0.0592	0.0504	0.16156	0.11364
83	5.35	7.01	0.0630	0.0540	0.17389	0.12392
84	5.02	6.54	0.0672	0.0579	0.18713	0.13534
85	4.70	6.09	0.0717	0.0622	0.20133	0.14795
86	4.40	5.66	0.0766	0.0669	0.21655	0.16185
87	4.11	5.25	0.0819	0.0720	0.23283	0.17709
88	3.85	4.87	0.0876	0.0777	0.25021	0.19377
89	3.59	4.51	0.0938	0.0839	0.26873	0.21194
90	3.35	4.17	0.1005	0.0907	0.28842	0.23167
91	3.13	3.86	0.1077	0.0981	0.30931	0.25301
92	2.92	3.57	0.1154	0.1061	0.33141	0.27599
93	2.72	3.30	0.1237	0.1149	0.35473	0.30064
94	2.54	3.05	0.1326	0.1242	0.37925	0.32692
95	2.38	2.82	0.1419	0.1341	0.40444	0.35404
96	2.22	2.62	0.1517	0.1446	0.43023	0.38183
97	2.08	2.43	0.1621	0.1557	0.45654	0.41009
98	1.95	2.26	0.1731	0.1675	0.48335	0.43869
99	1.82	2.10	0.1850	0.1801	0.51069	0.46761
100	1.70	1.95	0.1980	0.1941	0.54000	0.49890
101	1.59	1.80	0.2124	0.2098	0.57148	0.53283
102	1.48	1.67	0.2283	0.2273	0.60537	0.56974
103	1.37	1.53	0.2461	0.2470	0.64197	0.61000
104	1.27	1.41	0.2659	0.2693	0.68163	0.65410
105	1.17	1.28	0.2883	0.2948	0.72476	0.70262
106	1.07	1.17	0.3136	0.3240	0.77188	0.75628
107	0.98	1.06	0.3424	0.3578	0.82364	0.81601
108	0.90	0.95	0.3756	0.3973	0.88086	0.88299
109	0.81	0.85	0.4140	0.4439	0.94458	0.95875
110	0.73	0.76	0.4591	0.4995	0.99000	0.99000
111	0.66	0.67	0.5127	0.5664	0.99000	0.99000
112	0.58	0.59	0.5772	0.6466	0.99000	0.99000
113	0.51	0.51	0.6564	0.7371	0.99000	0.99000
114	0.45	0.45	0.7558	0.8487	0.99000	0.99000
115	0.38	0.38	0.8840	0.9000	0.99000	0.99000
116	0.32	0.32	0.9000	0.9000	0.99000	0.99000
117	0.26	0.26	0.9000	0.9000	0.99000	0.99000
118	0.20	0.20	0.9000	0.9000	0.99000	0.99000
119	0.14	0.14	0.9000	0.9000	0.99000	0.99000

Notes: (a) Excess death rate (EDR) as selected based on the NICA experience - See Exhibit IV.

(b) Based on the Q(x) as shown for the 1990 US Life Tables.

(c) Excess death rate (EDR) at age X is calculated as the minimum of .90 and the product of EDR in Assumption (1) and the ratio of the remaining life expectancy at age 16 to the remaining life expectancy at age X.

Example ==> EDR 35 (Male) = EDR 16 X (LE 16 / LE 35) = .0060 X (56.18 / 38.79) = .0087

(d) Final selected mortality rate is a combination of the actual US Life Table Q(x) and the EDR as developed in columns (4) and (5).

**Class A**  
Claimants

	Age 6	Age 7	Age 8	Age 9	Age 10	Age 11	Age 12	Age 13	Age 14	Age 15	Age 16	Age 17	Age 18	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
Begin	90	86	79	75	68	66	62	61	56	51	45	40	35	
End	88	85	78	73	67	65	61	60	53	50	43	39	35	
Deceased	2	1	1	2	1	1	1	1	3	1	2	1	0	
NICA Q (X)	0.0222	0.0116	0.0127	0.0267	0.0147	0.0152	0.0161	0.0164	0.0536	0.0196	0.0444	0.0250	0.0000	
Standard Q (x)	0.00024	0.00023	0.00021	0.00019	0.00017	0.00018	0.00022	0.00032	0.00045	0.00060	0.00073	0.00085	0.00093	
Ratio	92.40	50.89	59.99	139.98	84.52	84.65	72.00	51.47	119.45	32.93	60.59	29.45	0.00	
Excess	0.0220	0.0114	0.0124	0.0265	0.0145	0.0150	0.0159	0.0161	0.0531	0.0190	0.0437	0.0242	-0.0009	
Std. Implied														
Begin	90	86	79	75	68	66	62	61	56	51	45	40	35	
Std. Deceased	0.0216	0.0197	0.0167	0.0143	0.0118	0.0118	0.0139	0.0194	0.0251	0.0304	0.0330	0.0340	0.0325	
End - Std.	89.98	85.98	78.98	74.99	67.99	65.99	61.99	60.98	55.97	50.97	44.97	39.97	34.97	
	Age 19	Age 20	Age 21	Age 22	Age 23	Age 24	Age 25	Age 26	Age 27	Age 28	Age 29	Age 30	Age 31	Age 32
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Begin	34	30	23	20	19	17	14	12	8	8	7	5	4	3
End	31	29	22	20	19	17	13	11	8	7	7	5	4	2
Deceased	3	1	1	0	0	0	1	1	0	1	0	0	0	1
NICA Q (X)	0.0882	0.0333	0.0435	0.0000	0.0000	0.0000	0.0714	0.0833	0.0000	0.1250	0.0000	0.0000	0.0000	0.3333
Standard Q (x)	0.00098	0.00103	0.00108	0.00112	0.00115	0.00117	0.00118	0.00120	0.00123	0.00128	0.00136	0.00144	0.00152	0.00160
Ratio	90.08	32.41	40.18	0.00	0.00	0.00	60.46	69.65	0.00	97.35	0.00	0.00	0.00	208.79
Excess	0.0873	0.0323	0.0424	-0.0011	-0.0012	-0.0012	0.0702	0.0821	-0.0012	0.1237	-0.0014	-0.0014	-0.0015	0.3317
Std. Implied														
Begin	34	30	23	20	19	17	14	12	8	8	7	5	4	3
Std. Deceased	0.0333	0.0309	0.0249	0.0225	0.0219	0.0199	0.0165	0.0144	0.0098	0.0103	0.0095	0.0072	0.0061	0.0048
End - Std.	33.97	29.97	22.98	19.98	18.98	16.98	13.98	11.99	7.99	7.99	6.99	4.99	3.99	3.00
Averages Over Various Ages														
		6 to 10		11 to 15		16 to 20		21 to 32		06 to 20	11 to 32	06 to 32	16 to 32	
Begin		398		296		184		140		878	620	1018	324	
End		391		289		177		135		857	601	992	312	
Deceased		7		7		7		5		21	19	26	12	
NICA Q (X)		0.0176		0.0236		0.0380		0.0357		0.0239	0.0306	0.0255	0.0370	
Standard Q (x)		0.0002		0.0003		0.0009		0.0012		0.0004	0.0007	0.0005	0.0010	
		<b>NICA Vs. Standard</b>												
Ratio		83.25		69.57		42.79		29.83		60.29	44.00	50.39	36.23	
Excess		<b>0.017</b>		<b>0.023</b>		<b>0.037</b>		<b>0.035</b>		<b>0.024</b>	<b>0.030</b>	<b>0.025</b>	<b>0.036</b>	
Std. Implied														
Begin		398		296		184		140		878	620	1018	324	
Std. Deceased		0.0841		0.1006		0.1636		0.1676		0.3483	0.4319	0.5159	0.3312	
End - Std.		397.92		295.90		183.84		139.83		877.65	619.57	1017.48	323.67	
											Selected	Selected	Selected	
											EDR	EDR	EDR	
											Best	Low	High	
											<b>0.035</b>	<b>0.033</b>	<b>0.037</b>	

**Classes B, C  
& D Clmts.**

	Age 6 ----	Age 7 ----	Age 8 ----	Age 9 ----	Age 10 ----	Age 11 ----	Age 12 ----	Age 13 ----	Age 14 ----	Age 15 ----	Age 16 ----	Age 17 ----	Age 18 ----	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
Begin	133	130	122	114	111	105	98	93	87	80	77	70	64	
End	133	130	119	113	111	105	98	93	87	79	76	67	64	
Deceased	0	0	3	1	0	0	0	0	0	1	1	3	0	
NICA Q (X)	0.0000	0.0000	0.0246	0.0088	0.0000	0.0000	0.0000	0.0000	0.0000	0.0125	0.0130	0.0429	0.0000	
Standard Q (x)	0.00024	0.00023	0.00021	0.00019	0.00017	0.00018	0.00022	0.00032	0.00045	0.00060	0.00073	0.00085	0.00093	
Ratio	0.00	0.00	116.54	46.05	0.00	0.00	0.00	0.00	0.00	20.99	17.71	50.48	0.00	
Excess	-0.0002	-0.0002	0.0244	0.0086	-0.0002	-0.0002	-0.0002	-0.0003	-0.0004	0.0119	0.0123	0.0420	-0.0009	
Std. Implied														
Begin	133	130	122	114	111	105	98	93	87	80	77	70	64	
Std. Deceased	0.0320	0.0297	0.0257	0.0217	0.0193	0.0188	0.0220	0.0296	0.0390	0.0476	0.0565	0.0594	0.0594	
End - Std.	132.97	129.97	121.97	113.98	110.98	104.98	97.98	92.97	86.96	79.95	76.94	69.94	63.94	
	Age 19 ----	Age 20 ----	Age 21 ----	Age 22 ----	Age 23 ----	Age 24 ----	Age 25 ----	Age 26 ----	Age 27 ----	Age 28 ----	Age 29 ----	Age 30 ----	Age 31 ----	Age 32 ----
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Begin	60	58	52	50	48	47	39	32	29	24	20	15	7	4
End	60	58	52	50	48	47	39	32	29	23	20	15	7	4
Deceased	0	0	0	0	0	0	0	0	0	1	0	0	0	0
NICA Q (X)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0417	0.0000	0.0000	0.0000	0.0000
Standard Q (x)	0.00098	0.00103	0.00108	0.00112	0.00115	0.00117	0.00118	0.00120	0.00123	0.00128	0.00136	0.00144	0.00152	0.00160
Ratio	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.45	0.00	0.00	0.00	0.00
Excess	-0.0010	-0.0010	-0.0011	-0.0011	-0.0012	-0.0012	-0.0012	-0.0012	-0.0012	0.0404	-0.0014	-0.0014	-0.0015	-0.0016
Std. Implied														
Begin	60	58	52	50	48	47	39	32	29	24	20	15	7	4
Std. Deceased	0.0588	0.0597	0.0563	0.0562	0.0552	0.0549	0.0461	0.0383	0.0356	0.0308	0.0272	0.0216	0.0106	0.0064
End - Std.	59.94	57.94	51.94	49.94	47.94	46.95	38.95	31.96	28.96	23.97	19.97	14.98	6.99	3.99
Averages Over Various Ages														
		6 to 10		11 to 15		16 to 20		21 to 32		06 to 20	11 to 32	06 to 32	16 to 32	
Begin		610		463		329		367		1402	1159	1769	696	
End		606		462		325		366		1393	1153	1759	691	
Deceased		4		1		4		1		9	6	10	5	
NICA Q (X)		0.0066		0.0022		0.0122		0.0027		0.0064	0.0052	0.0057	0.0072	
Standard Q (x)		0.0002		0.0003		0.0009		0.0012		0.0004	0.0008	0.0006	0.0011	
		<b>NICA Vs. Standard</b>												
Ratio		31.14		6.37		13.62		2.28		15.54	6.74	9.82	6.82	
Excess		<b>0.0063</b>		<b>0.0018</b>		<b>0.0113</b>		<b>0.0015</b>		<b>0.0060</b>	<b>0.0044</b>	<b>0.0051</b>	<b>0.0061</b>	
Std. Implied														
Begin		610		463		329		367		1402	1159	1769	696	
Std. Deceased		0.1285		0.1570		0.2937		0.4391		0.5792	0.8899	1.0184	0.7329	
End - Std.		609.87		462.84		328.71		366.56		1401.42	1158.11	1767.98	695.27	
											Selected EDR Best	Selected EDR Low	Selected EDR High	
											<b>0.0060</b>	<b>0.0050</b>	<b>0.0065</b>	

Florida Birth Related Neurological Injury Compensation Association (NICA)  
Mortality Estimates Based on Constant Proportional Life Expectancy Method (PLE)

Mortality Experience at Age 5 & Above

**Class A Claimants**

Birth Year	Total Claim Counts Alive at Age 5	Claims Age of Death 5 - 6	Claims Age of Death 6 - 7	Claims Age of Death 7 - 8	Claims Age of Death 8 - 9	Claims Age of Death 9 - 10	Claims Age of Death 10 - 11	Claims Age of Death 11 - 12	Claims Age of Death 12 - 13	Claims Age of Death 13 - 14	Claims Age of Death 14 - 15	Claims Age of Death 15 - 16	Claims Age of Death 16 - 17	Claims Age of Death 17 - 18
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1989	4	0	0	0	0	0	0	0	0	1	0	0	0	0
1990	3	0	0	0	0	0	0	0	0	0	0	1	0	0
1991	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	4	1	0	0	0	0	0	0	0	1	0	0	0	0
1994	2	0	0	0	1	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	3	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	2	0	0	0	0	0	0	0	0	0	0	0	1	0
1998	4	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	6	0	0	0	0	0	0	0	1	0	1	1	0	0
2000	3	0	0	0	0	0	0	0	0	0	0	0	0	0
2001	2	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	9	0	0	0	0	0	0	1	0	1	0	0	0	0
2003	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	5	0	0	0	1	0	0	0	0	0	0	0	0	0
2006	4	0	0	0	0	0	1	0	0	0	0	0	0	0
2007	5	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	3	0	0	0	0	1	0	0	0	0	0	0	0	0
2009	4	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	1	0	1	0	0	0	0	0	0	0	0	0	0	0
2011	3	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	5	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	5	1	0	1	0	0	0	0	0	0	0	0	0	0
2015	6	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	90	2	1	1	2	1	1	1	1	3	1	2	1	0

Mortality Experience at Age 5 & Above

**Class A Claimants**

Birth Year	Claims Age of Death 18 - 19	Claims Age of Death 19 - 20	Claims Age of Death 20 - 21	Claims Age of Death 21 - 22	Claims Age of Death 22 - 23	Claims Age of Death 23 - 24	Claims Age of Death 24 - 25	Claims Age of Death 25 - 26	Claims Age of Death 26 - 27	Claims Age of Death 27 - 28	Claims Age of Death 28 - 29	Claims Age of Death 29 - 30	Claims Age of Death 30 - 31	Claims Age of Death 31 - 32	Claim Counts Alive @ 12/31/21
(1)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1989	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
1990	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
1991	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1992	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1993	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
1994	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
1997	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1998	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
1999	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2000	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2002	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	3	1	1	0	0	0	1	1	0	1	0	0	0	1	64



Florida Birth Related Neurological Injury Compensation Association (NICA)  
Mortality Estimates Based on Constant Proportional Life Expectancy Method (PLE)

Mortality Experience at Age 5 & Above

**Class B, C &  
D Claimants**

Birth Year	Total Claim Counts Alive at Age 5	Claims Age of Death 5 - 6	Claims Age of Death 6 - 7	Claims Age of Death 7 - 8	Claims Age of Death 8 - 9	Claims Age of Death 9 - 10	Claims Age of Death 10 - 11	Claims Age of Death 11 - 12	Claims Age of Death 12 - 13	Claims Age of Death 13 - 14	Claims Age of Death 14 - 15	Claims Age of Death 15 - 16	Claims Age of Death 16 - 17	Claims Age of Death 17 - 18
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1989	2	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	4	0	0	0	0	0	0	0	0	0	0	0	2	0
1991	3	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	9	0	0	0	0	0	0	0	0	0	0	0	1	0
1993	8	0	0	0	0	0	0	0	0	0	1	1	0	0
1994	3	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	6	0	0	1	0	0	0	0	0	0	0	0	0	0
1996	3	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	7	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	8	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	2	0	0	1	0	0	0	0	0	0	0	0	0	0
2000	2	0	0	0	0	0	0	0	0	0	0	0	0	0
2001	2	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	6	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	2	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	4	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	5	0	0	1	1	0	0	0	0	0	0	0	0	0
2006	6	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	2	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	7	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	6	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	5	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	7	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	6	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	5	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	8	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	133	0	0	3	1	0	0	0	0	0	1	1	3	0

Mortality Experience at Age 5 & Above

**Class B, C &  
 D Claimants**

Birth Year	Claims Age of Death 18 - 19	Claims Age of Death 19 - 20	Claims Age of Death 20 - 21	Claims Age of Death 21 - 22	Claims Age of Death 22 - 23	Claims Age of Death 23 - 24	Claims Age of Death 24 - 25	Claims Age of Death 25 - 26	Claims Age of Death 26 - 27	Claims Age of Death 27 - 28	Claims Age of Death 28 - 29	Claims Age of Death 29 - 30	Claims Age of Death 30 - 31	Claims Age of Death 31 - 32	Claim Counts Alive @ 12/31/21
(1)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1989	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
1990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
1991	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
1992	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
1993	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5
1994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
1995	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
1996	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
1997	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
1998	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
2016	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3
	0	0	0	0	0	0	0	0	0	1	0	0	0	0	123

Estimation of Outstanding Loss & Expense

Summary of Historical Inflation and Investment Returns

Year	CPI All Items % Change	CPI Medical Index % Chg	Large Company Stocks	Small Company Stocks	Inflation Index	Average Yield Long-Term Gov't Bonds	Average Yield Intermediate Gov't Bonds	Average Yield Short-Term Gov't Bonds	NICA Actual Investment Return	NICA Estimated Inflation Nursing Care	NICA Actual Inflation Other Expense	NICA Actual Inflation All Expense
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1925					1.000							
1926			11.62%	0.30%	0.985	3.54%	3.61%	3.27%				
1927	-2.26%		37.49%	22.03%	0.965	3.16%	3.40%	3.12%				
1928	-1.16%		43.61%	39.71%	0.955	3.40%	4.01%	3.56%				
1929	0.58%		-8.42%	-51.35%	0.957	3.40%	3.62%	4.75%				
1930	-6.40%		-24.90%	-38.10%	0.899	3.30%	2.91%	2.41%				
1931	-9.32%		-43.34%	-49.71%	0.814	4.07%	4.12%	1.07%				
1932	-10.27%		-8.19%	-5.41%	0.730	3.15%	3.04%	0.96%				
1933	0.76%		53.99%	142.45%	0.734	3.36%	3.25%	0.30%				
1934	1.52%		-1.44%	24.24%	0.749	2.93%	2.49%	0.16%				
1935	2.99%		47.67%	40.24%	0.771	2.76%	1.63%	0.17%				
1936	1.45%		33.92%	64.73%	0.780	2.55%	1.29%	0.18%				
1937	2.86%	0.98%	-35.03%	-58.01%	0.804	2.73%	1.14%	0.30%				
1938	-2.78%	0.00%	31.12%	32.82%	0.782	2.52%	1.52%	-0.02%				
1939	0.00%	0.97%	-0.41%	0.32%	0.778	2.26%	0.98%	0.02%				
1940	0.71%	0.00%	-9.78%	-5.14%	0.786	1.94%	0.57%	0.00%				
1941	9.93%	0.96%	-11.59%	-9.06%	0.862	2.04%	0.82%	0.06%				
1942	9.03%	3.81%	20.34%	44.59%	0.942	2.46%	0.72%	0.27%				
1943	2.96%	4.59%	25.90%	88.40%	0.972	2.48%	1.45%	0.35%				
1944	2.30%	2.63%	19.75%	53.70%	0.993	2.46%	1.40%	0.33%				
1945	2.25%	2.56%	36.44%	73.62%	1.015	1.99%	1.03%	0.33%				
1946	18.13%	8.33%	-8.07%	-11.63%	1.199	2.12%	1.12%	0.35%				
1947	8.84%	6.92%	5.71%	0.91%	1.307	2.43%	1.34%	0.50%				
1948	2.99%	5.76%	5.50%	-2.10%	1.343	2.37%	1.51%	0.81%				
1949	-2.07%	1.36%	18.79%	19.74%	1.318	2.09%	1.23%	1.10%				
1950	5.93%	3.36%	31.71%	38.74%	1.395	2.24%	1.62%	1.20%				
1951	6.00%	5.84%	24.02%	7.81%	1.477	2.69%	2.17%	1.49%				
1952	0.75%	4.29%	18.37%	3.03%	1.490	2.79%	2.35%	1.66%				
1953	0.75%	3.53%	-0.99%	-6.48%	1.499	2.74%	2.18%	1.82%				
1954	-0.74%	2.27%	52.62%	60.58%	1.492	2.72%	1.72%	0.86%				
1955	0.37%	3.33%	31.56%	20.44%	1.497	2.95%	2.80%	1.57%				
1956	2.99%	3.23%	6.56%	4.28%	1.540	3.45%	3.63%	2.46%				
1957	2.90%	4.69%	-10.78%	-14.57%	1.587	3.23%	2.84%	3.14%				
1958	1.76%	4.48%	43.36%	64.89%	1.615	3.82%	3.81%	1.54%				
1959	1.73%	3.81%	11.96%	16.40%	1.639	4.47%	4.98%	2.95%				
1960	1.36%	3.21%	0.47%	-3.29%	1.663	3.80%	3.31%	2.66%				
1961	0.67%	3.11%	26.89%	32.09%	1.674	4.15%	3.84%	2.13%				
1962	1.33%	2.16%	-8.73%	-11.90%	1.695	3.95%	3.50%	2.73%				
1963	1.64%	2.53%	22.80%	23.57%	1.723	4.17%	4.04%	3.12%				
1964	0.97%	2.06%	16.48%	23.52%	1.743	4.23%	4.03%	3.54%				
1965	1.92%	2.82%	12.45%	41.75%	1.777	4.50%	4.90%	3.93%				
1966	3.46%	6.67%	-10.06%	-7.01%	1.836	4.55%	4.79%	4.76%				
1967	3.04%	6.25%	23.98%	83.57%	1.892	5.56%	5.77%	4.21%				
1968	4.72%	6.23%	11.06%	35.97%	1.981	5.98%	5.96%	5.21%				
1969	6.20%	6.19%	-8.50%	-25.05%	2.102	6.87%	8.29%	6.58%				
1970	5.57%	7.36%	3.86%	-17.43%	2.218	6.48%	5.90%	6.52%				
1971	3.27%	4.57%	14.30%	16.50%	2.292	5.97%	5.25%	4.39%				

Estimation of Outstanding Loss & Expense

Summary of Historical Inflation and Investment Returns

Year	CPI All Items % Change	CPI Medical Index % Chg	Large Company Stocks	Small Company Stocks	Inflation Index	Average Yield Long-Term Gov't Bonds	Average Yield Intermediate Gov't Bonds	Average Yield Short-Term Gov't Bonds	NICA Actual Investment Return	NICA Estimated Inflation Nursing Care	NICA Actual Inflation Other Expense	NICA Actual Inflation All Expense
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1972	3.41%	3.28%	18.99%	4.43%	237.10%	5.99%	5.85%	3.84%				
1973	8.71%	5.29%	-14.69%	-30.90%	257.90%	7.26%	6.79%	6.93%				
1974	12.34%	12.56%	-26.47%	-19.95%	289.40%	7.60%	7.12%	8.00%				
1975	6.94%	9.82%	37.23%	52.82%	309.70%	8.05%	7.19%	5.80%				
1976	4.86%	9.96%	23.93%	57.38%	324.60%	7.21%	6.00%	5.08%				
1977	6.70%	8.87%	-7.16%	25.38%	346.60%	8.03%	7.51%	5.12%				
1978	9.02%	8.83%	6.57%	23.46%	377.80%	8.98%	8.83%	7.18%				
1979	13.29%	10.14%	18.61%	43.46%	428.10%	10.12%	10.33%	10.38%				
1980	12.52%	9.92%	32.50%	39.88%	481.20%	11.99%	12.45%	11.24%				
1981	8.92%	12.50%	-4.92%	13.88%	524.20%	13.34%	13.96%	14.71%				
1982	3.83%	11.00%	21.55%	28.01%	544.50%	10.95%	9.90%	10.54%				
1983	3.79%	6.40%	22.56%	39.67%	565.20%	11.97%	11.41%	8.80%				
1984	3.95%	6.11%	6.27%	-6.67%	587.50%	11.70%	11.04%	9.85%				
1985	3.80%	6.76%	31.73%	24.66%	6.097	9.56%	8.55%	7.72%				
1986	1.10%	7.71%	18.67%	6.85%	6.166	7.89%	6.85%	6.16%				
1987	4.43%	5.80%	5.25%	-9.30%	6.438	9.20%	8.32%	5.47%				
1988	4.42%	6.91%	16.61%	22.87%	6.722	9.18%	9.17%	6.35%				
1989	4.65%	8.50%	31.69%	10.18%	7.034	8.16%	7.94%	8.37%				
1990	6.11%	9.59%	-3.10%	-21.56%	7.464	8.44%	7.70%	7.81%		0.00%	5.89%	1.75%
1991	3.06%	7.92%	30.47%	44.63%	7.693	7.30%	5.97%	5.60%	5.88%	0.00%	4.98%	1.49%
1992	2.90%	6.63%	7.62%	23.35%	7.916	7.26%	6.11%	3.51%	3.27%	0.00%	4.15%	1.46%
1993	2.75%	5.39%	10.08%	20.98%	8.133	6.54%	5.22%	2.90%	3.12%	0.00%	3.92%	1.62%
1994	2.67%	4.92%	1.32%	3.11%	8.351	7.99%	7.80%	3.90%	3.62%	0.00%	3.82%	1.30%
1995	2.54%	3.95%	37.58%	34.46%	8.563	6.03%	5.38%	5.60%	6.96%	0.00%	3.60%	1.00%
1996	3.32%	3.04%	22.96%	17.62%	8.847	6.73%	6.16%	5.21%	5.79%	0.00%	3.52%	1.09%
1997	1.70%	2.82%	33.36%	22.78%	8.998	6.02%	5.73%	5.26%	6.10%	0.00%	2.96%	0.91%
1998	1.61%	3.42%	28.58%	-7.31%	9.143	5.42%	4.68%	4.86%	6.20%	0.00%	3.07%	0.92%
1999	2.68%	3.67%	21.04%	29.79%	9.389	6.82%	6.45%	4.68%	4.54%	0.00%	3.39%	0.97%
2000	3.39%	4.17%	-9.10%	-3.59%	9.707	5.58%	5.07%	5.89%	13.11%	0.00%	3.73%	0.98%
2001	1.55%	4.72%	-11.89%	22.77%	9.857	5.75%	4.42%	3.83%	3.98%	0.00%	3.15%	1.05%
2002	2.38%	5.05%	-22.11%	-13.28%	10.091	4.84%	2.61%	1.65%	-8.52%	0.00%	3.37%	1.22%
2003	1.88%	3.71%	28.68%	60.70%	10.281	5.11%	2.97%	1.02%	19.99%	0.00%	2.92%	0.99%
2004	3.26%	4.24%	10.88%	18.39%	10.618	4.84%	3.47%	1.20%	10.27%	0.00%	3.58%	1.42%
2005	3.42%	4.29%	4.91%	5.69%	10.978	4.61%	4.34%	2.98%	8.92%	0.00%	3.66%	1.41%
2006	2.54%	3.56%	15.79%	16.17%	11.257	4.91%	4.65%	4.80%	12.77%	0.00%	3.13%	0.99%
2007	4.08%	5.16%	5.49%	-5.22%	11.717	4.50%	3.28%	4.66%	8.72%	0.00%	4.14%	1.32%
2008	0.09%	2.65%	-37.00%	-36.72%	11.728	4.37%	3.18%	1.30%	-27.24%	14.38%	1.90%	6.50%
2009	2.72%	3.37%	26.46%	25.57%		4.11%	2.82%	0.10%	20.00%	13.56%	3.24%	7.62%
2010	1.50%	3.28%	15.06%	26.31%		4.03%	2.62%	0.11%	13.36%	0.00%	2.60%	0.78%
2011	2.96%	3.49%	2.11%	1.02%		3.62%	2.16%	0.04%	-0.10%	0.00%	3.29%	1.00%
2012	1.74%	3.21%	16.00%	16.33%		2.54%	1.22%	0.07%	10.88%	0.00%	2.87%	0.78%
2013	1.50%	2.01%	32.39%	41.31%		3.12%	1.74%	0.05%	12.58%	0.00%	2.27%	0.57%
2014	0.76%	2.96%	13.69%	5.76%		3.07%	2.14%	0.03%	5.64%	0.00%	2.22%	0.55%
2015	0.73%	2.58%	1.38%	-1.97%		2.55%	1.89%	0.04%	-1.84%	0.00%	1.80%	0.40%
2016	2.07%	4.07%	11.96%	26.56%		2.22%	1.63%	0.25%	6.72%	0.20%	2.96%	0.69%
2017	2.11%	1.78%	21.83%	13.23%		2.65%	2.16%	0.85%	13.81%	0.16%	2.28%	0.59%
2018	1.91%	2.01%	-4.38%	-8.48%		2.91%	2.75%	1.84%	-6.72%	0.00%	2.14%	0.48%
2019	2.29%	4.57%	31.49%	22.78%		2.14%	1.95%	2.12%	21.15%	0.00%	3.00%	0.57%
2020	1.36%	1.78%	18.40%	11.29%		0.89%	0.53%	0.35%	14.08%	0.00%	1.79%	0.33%
2021						1.45%	0.86%	0.04%		0.00%	2.40%	0.44%
Geometric Averages												
2000 to 2020	2.04%	3.42%	7.47%	10.45%		3.63%	2.62%	1.35%	6.26%	1.33%	2.81%	1.44%
1991 to 2020	2.22%	3.67%	10.07%	11.78%		4.51%	3.61%	2.36%	6.12%	0.92%	3.05%	1.35%
1972 to 1982	8.67%	9.87%	6.72%	19.67%		9.33%	8.98%	8.46%				
1982 to 1992	3.81%	7.23%	16.17%	11.55%		9.05%	8.29%	6.95%	0.90%			
1992 to 2002	2.46%	4.11%	9.34%	11.58%		6.17%	5.34%	4.37%	4.36%	0.00%	3.45%	1.10%
1929 to 1939	-2.04%	0.19%	-0.05%	1.38%		2.96%	2.23%	0.55%				
1939 to 1949	5.36%	3.66%	9.17%	20.69%		2.24%	1.12%	0.41%				
1949 to 1959	2.22%	3.88%	19.35%	16.90%		3.11%	2.81%	1.87%				
1959 to 1969	2.52%	4.11%	7.81%	15.53%		4.77%	4.83%	3.88%				
1969 to 1979	7.36%	8.03%	5.87%	11.49%		7.56%	7.07%	6.31%				
1979 to 1989	5.10%	8.14%	17.55%	15.83%		10.38%	9.94%	8.89%				

**Agenda Item # 8.B (Tab F)**

**Actuarial Update -  
June 30, 2022 Draft Exhibits**

Summary of Estimated Outstanding Loss & ALAE  
 After Consideration of Anticipated Inflation and Investment Income  
**Based on Current Long Term Inflation and Investment Income (3.5 % and 5.0 %)**

Evaluated as of June 30, 2022

Birth Year	2021 Level - Information Provided as of 6/30/22			2021 Level	2021 Level	Loss & Expense Reserve - After Inflation and Present Value Adjustment			Indicated Ultimate After Inflation & Present Value Adjustment (2) + (7)
	Paid Loss & ALAE	Incurred Loss & ALAE	Case Outstanding Loss & ALAE (3) - (2)	Selected Total Outstanding Loss & ALAE (a)	Indicated Loss & ALAE (5) - (4)	Outstanding Loss & ALAE (b)	Case Outstanding Loss & ALAE (4) X [(7)/(5)]	Indicated Loss & ALAE (7) - (8)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	18,639,776	32,543,854	13,904,078	15,365,601	1,461,523	11,995,747	10,854,752	1,140,994	30,635,523
1990	8,524,568	17,973,129	9,448,560	15,700,373	6,251,813	12,211,559	7,348,975	4,862,584	20,736,127
1991	12,682,173	28,828,609	16,146,435	22,292,685	6,146,250	17,140,331	12,414,622	4,725,710	29,822,505
1992	20,876,784	60,071,103	39,194,320	53,825,496	14,631,176	40,519,860	29,505,503	11,014,357	61,396,644
1993	26,775,129	61,329,475	34,554,346	39,401,740	4,847,395	30,041,806	26,345,916	3,695,890	56,816,935
1994	11,092,191	29,398,181	18,305,990	19,680,960	1,374,970	14,576,593	13,558,229	1,018,364	25,668,784
1995	14,429,871	41,199,698	26,769,828	33,096,652	6,326,824	24,319,768	19,670,751	4,649,017	38,749,639
1996	13,730,549	35,850,807	22,120,259	32,171,662	10,051,403	24,888,685	17,112,705	7,775,980	38,619,234
1997	17,686,872	59,241,767	41,554,894	52,178,328	10,623,434	38,485,629	30,650,010	7,835,620	56,172,502
1998	28,827,267	84,663,149	55,835,882	67,671,255	11,835,373	50,332,015	41,529,191	8,802,824	79,159,282
1999	16,758,409	29,398,506	12,640,097	15,252,150	2,612,054	11,919,313	9,878,035	2,041,278	28,677,722
2000	9,493,662	20,537,947	11,044,284	18,438,057	7,393,773	13,673,149	8,190,133	5,483,016	23,166,811
2001	11,794,520	33,431,617	21,637,097	22,807,423	1,170,325	17,190,324	16,308,231	882,093	28,984,844
2002	24,401,471	78,743,226	54,341,755	69,262,517	14,920,762	51,946,366	40,755,907	11,190,459	76,347,837
2003	7,468,118	17,847,404	10,379,286	19,129,690	8,750,404	13,959,924	7,574,302	6,385,622	21,428,042
2004	8,476,321	37,282,944	28,806,623	34,315,609	5,508,987	24,482,310	20,551,949	3,930,361	32,958,631
2005	12,414,481	40,717,261	28,302,779	39,850,532	11,547,752	29,691,185	21,087,374	8,603,811	42,105,667
2006	14,366,681	60,399,936	46,033,255	59,020,786	12,987,531	42,283,230	32,978,800	9,304,430	56,649,910
2007	15,518,377	45,075,078	29,556,702	36,991,367	7,434,666	27,927,395	22,314,441	5,612,954	43,445,772
2008	10,600,146	63,353,088	52,752,942	63,715,591	10,962,650	44,505,160	36,847,780	7,657,380	55,105,306
2009	13,207,494	66,507,515	53,300,021	64,857,002	11,556,981	45,996,963	37,800,685	8,196,278	59,204,457
2010	5,643,032	30,682,798	25,039,765	40,124,509	15,084,743	27,019,735	16,861,710	10,158,025	32,662,768
2011	8,513,280	56,095,741	47,582,461	70,008,909	22,426,448	48,496,658	32,961,381	15,535,277	57,009,938
2012	5,909,373	44,704,461	38,795,088	53,696,596	14,901,508	36,304,346	26,229,415	10,074,931	42,213,719
2013	8,831,218	40,491,463	31,660,245	38,457,393	6,797,148	28,095,634	23,129,874	4,965,760	36,926,852
2014	9,943,794	46,482,713	36,538,919	54,542,873	18,003,954	37,302,296	24,989,252	12,313,044	47,246,090
2015	9,887,820	82,870,503	72,982,683	93,336,500	20,353,817	63,992,231	50,037,496	13,954,735	73,880,051
2016	2,952,791	32,002,006	29,049,215	42,644,037	13,594,822	28,680,765	19,537,402	9,143,363	31,633,556
2017	6,306,695	62,946,725	56,640,030	92,612,628	35,972,598	61,745,309	37,762,196	23,983,114	68,052,004
2018	9,232,805	93,144,303	83,911,498	122,956,802	39,045,304	80,099,980	54,663,989	25,435,991	89,332,785
2019	5,332,847	52,632,430	47,299,583	95,082,762	47,783,178	62,299,348	30,991,245	31,308,102	67,632,195
2020	3,520,456	40,359,558	36,839,103	97,229,321	60,390,218	63,799,778	24,173,023	39,626,755	67,320,234
2021	1,682,031	4,915,238	3,233,207	91,811,158	88,577,950	60,259,753	2,122,098	58,137,655	61,941,784
2022 - 6 mo.	0	0	0	53,524,645	53,524,645	35,269,248	0	35,269,248	35,269,248
Totals:	395,520,999	1,531,722,231	1,136,201,231	1,741,053,608	604,852,377	1,221,452,395	806,737,373	414,715,021	1,616,973,394
(11A) Estimated Outstanding ULAE - 12/31/21 (c) =====>						20,162,351			
(11B) Estimated Outstanding Retroactive Family Care Reserve 6/30/22 (d) =====>						17,000,000			
(12) Indicated Outstanding Loss & LAE - 6/30/22 = Col. (7) Total + (11A) + (11B)						1,258,614,746			

Notes: (a) See Section II, Exhibit I, Col. (2).  
 (b) See Section II, Exhibit I, Col. (9).  
 (c) See Section V, Exhibit I, Sheet 4b, Col. (9) of the NICA December 31, 2021 report.  
 (d) NICA management's best estimate of retroactive family care payments related to legislative changes implemented in the first half of 2022. The majority of these one-time family care adjustments are expected to be made by December 31, 2022.

Summary of Estimated Outstanding Loss & ALAE  
 After Consideration of Anticipated Inflation and Investment Income  
**Alternative Inflation / Investment Assumptions - Short Term Inflation Increase and Investment Decrease  
 Before Return to Long Term Assumptions(3.5 % Inflation and 5.0 % Investment Income)**

Evaluated as of June 30, 2022

Birth Year	2021 Level - Information Provided as of 6/30/22			2021 Level	2021 Level	Loss & Expense Reserve - After Inflation and Present Value Adjustment			Indicated Ultimate After Inflation & Present Value Adjustment (2) + (7)
	Paid Loss & ALAE	Incurred Loss & ALAE	Case Outstanding Loss & ALAE (3) - (2)	Selected Total Outstanding Loss & ALAE (a)	Indicated IBNR / Bulk Loss & ALAE (5) - (4)	Outstanding Loss & ALAE (b)	Case Outstanding Loss & ALAE (4) X [(7)/(5)]	Indicated IBNR / Bulk Loss & ALAE (7) - (8)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	18,639,776	32,543,854	13,904,078	15,365,601	1,461,523	13,020,641	11,782,162	1,238,479	31,660,417
1990	8,524,568	17,973,129	9,448,560	15,700,373	6,251,813	13,251,118	7,974,587	5,276,531	21,775,686
1991	12,682,173	28,828,609	16,146,435	22,292,685	6,146,250	18,594,936	13,468,182	5,126,754	31,277,109
1992	20,876,784	60,071,103	39,194,320	53,825,496	14,631,176	43,995,886	32,036,655	11,959,231	64,872,670
1993	26,775,129	61,329,475	34,554,346	39,401,740	4,847,395	32,613,275	28,601,031	4,012,244	59,388,404
1994	11,092,191	29,398,181	18,305,990	19,680,960	1,374,970	15,810,543	14,705,972	1,104,571	26,902,734
1995	14,429,871	41,199,698	26,769,828	33,096,652	6,326,824	26,400,907	21,354,055	5,046,852	40,830,778
1996	13,730,549	35,850,807	22,120,259	32,171,662	10,051,403	26,997,303	18,562,527	8,434,776	40,727,852
1997	17,686,872	59,241,767	41,554,894	52,178,328	10,623,434	41,751,778	33,251,175	8,500,603	59,438,650
1998	28,827,267	84,663,149	55,835,882	67,671,255	11,835,373	54,639,864	45,083,618	9,556,246	83,467,131
1999	16,758,409	29,398,506	12,640,097	15,252,150	2,612,054	12,935,310	10,720,034	2,215,276	29,693,718
2000	9,493,662	20,537,947	11,044,284	18,438,057	7,393,773	14,839,928	8,889,027	5,950,901	24,333,590
2001	11,794,520	33,431,617	21,637,097	22,807,423	1,170,325	18,661,162	17,703,595	957,567	30,455,682
2002	24,401,471	78,743,226	54,341,755	69,262,517	14,920,762	56,390,857	44,242,951	12,147,906	80,792,327
2003	7,468,118	17,847,404	10,379,286	19,129,690	8,750,404	15,150,798	8,220,440	6,930,358	22,618,916
2004	8,476,321	37,282,944	28,806,623	34,315,609	5,508,987	26,571,474	22,305,722	4,265,753	35,047,796
2005	12,414,481	40,717,261	28,302,779	39,850,532	11,547,752	32,225,411	22,887,241	9,338,171	44,639,893
2006	14,366,681	60,399,936	46,033,255	59,020,786	12,987,531	45,877,257	35,781,961	10,095,296	60,243,937
2007	15,518,377	45,075,078	29,556,702	36,991,367	7,434,666	30,307,662	24,216,313	6,091,349	45,826,038
2008	10,600,146	63,353,088	52,752,942	63,715,591	10,962,650	48,277,702	39,971,234	8,306,468	58,877,848
2009	13,207,494	66,507,515	53,300,021	64,857,002	11,556,981	49,916,168	41,021,520	8,894,648	63,123,662
2010	5,643,032	30,682,798	25,039,765	40,124,509	15,084,743	29,314,508	18,293,767	11,020,741	34,957,540
2011	8,513,280	56,095,741	47,582,461	70,008,909	22,426,448	52,611,060	35,757,788	16,853,272	61,124,340
2012	5,909,373	44,704,461	38,795,088	53,696,596	14,901,508	39,380,276	28,451,734	10,928,542	45,289,649
2013	8,831,218	40,491,463	31,660,245	38,457,393	6,797,148	30,504,123	25,112,675	5,391,448	39,335,341
2014	9,943,794	46,482,713	36,538,919	54,542,873	18,003,954	40,497,118	27,129,501	13,367,617	50,440,911
2015	9,887,820	82,870,503	72,982,683	93,336,500	20,353,817	69,422,540	54,283,621	15,138,918	79,310,359
2016	2,952,791	32,002,006	29,049,215	42,644,037	13,594,822	31,092,954	21,180,591	9,912,363	34,045,745
2017	6,306,695	62,946,725	56,640,030	92,612,628	35,972,598	66,945,614	40,942,598	26,003,016	73,252,308
2018	9,232,805	93,144,303	83,911,498	122,956,802	39,045,304	86,812,365	59,244,836	27,567,529	96,045,171
2019	5,332,847	52,632,430	47,299,583	95,082,762	47,783,178	67,515,657	33,586,135	33,929,522	72,848,504
2020	3,520,456	40,359,558	36,839,103	97,229,321	60,390,218	69,003,315	26,144,585	42,858,730	72,523,771
2021	1,682,031	4,915,238	3,233,207	91,811,158	88,577,950	65,055,361	2,290,979	62,764,382	66,737,392
2022 - 6 mo.	0	0	0	53,524,645	53,524,645	38,038,219	0	38,038,219	38,038,219
Totals:	395,520,999	1,531,722,231	1,136,201,231	1,741,053,608	604,852,377	1,324,423,088	875,198,808	449,224,280	1,719,944,088
(11A) Estimated Outstanding ULAE - 12/31/21 (c) =====>						20,162,351			
(11B) Estimated Outstanding Retroactive Family Care Reserve 6/30/22 (d) =====>						17,000,000			
(12) Indicated Outstanding Loss & LAE - 6/30/22 = Col. (7) Total + (11A) + (11B)						1,361,585,439			

Notes: (a) See Section II, Exhibit II, Col. (2).  
 (b) See Section II, Exhibit II, Col. (9).  
 (c) See Section V, Exhibit I, Sheet 4b, Col. (9) of the NICA December 31, 2021 report.  
 (d) NICA management's best estimate of retroactive family care payments related to legislative changes implemented in the first half of 2022. The majority of these one-time family care adjustments are expected to be made by December 31, 2022.

Summary of Estimated Outstanding Loss & ALAE  
 Before and After Consideration of Anticipated Inflation and Investment Income  
**Based on Current Long Term Inflation and Investment Income (3.5 % and 5.0 %)**

Evaluated as of June 30, 2022

2021 Level Outstanding - Before Inflation and Investment Income  
 Evaluated as of June 30, 2022

Birth Year	Selected Outstanding Loss & ALAE All Categories Incl. Parental Award, Burial Expense & DA Claims (a)	Outstanding Loss & ALAE Related to Parental Award, Burial Expense & DA Claims (b)	Indicated Outstanding Loss & ALAE Related to the Review of All Classes and Three Expense Categories (2) - (3)	Estimated Average Inflation / Investment Discount Factor		Indicated Outstanding Loss & ALAE After Inflation / Investment		
				Related to Parental Award, Burial Expense & DA Claims (c)	Related to Impair. Class / Three Expense Group Review	Related to Parental Award, Burial Expense & DA Claims (3) X (5)	Related to Impair. Class / Three Expense Group Review (4) X (6)	Combined (7) + (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	15,365,601	205,570	15,160,031	0.53061	0.78408	109,077	11,886,669	11,995,747
1990	15,700,373	250,000	15,450,373	0.61067	0.78049	152,667	12,058,892	12,211,559
1991	22,292,685	350,231	21,942,454	0.61260	0.77137	214,550	16,925,781	17,140,331
1992	53,825,496	450,000	53,375,496	0.27610	0.75682	124,247	40,395,613	40,519,860
1993	39,401,740	425,000	38,976,740	0.44116	0.76595	187,493	29,854,313	30,041,806
1994	19,680,960	337,500	19,343,460	0.65938	0.74206	222,542	14,354,051	14,576,593
1995	33,096,652	300,000	32,796,652	0.35723	0.73826	107,168	24,212,600	24,319,768
1996	32,171,662	625,000	31,546,662	0.69704	0.77514	435,649	24,453,036	24,888,685
1997	52,178,328	799,976	51,378,352	0.62776	0.73929	502,192	37,983,437	38,485,629
1998	67,671,255	698,939	66,972,316	0.44439	0.74690	310,598	50,021,417	50,332,015
1999	15,252,150	250,000	15,002,150	0.64226	0.78380	160,564	11,758,749	11,919,313
2000	18,438,057	225,008	18,213,049	0.53536	0.74412	120,460	13,552,689	13,673,149
2001	22,807,423	250,000	22,557,423	0.47774	0.75677	119,435	17,070,889	17,190,324
2002	69,262,517	721,501	68,541,016	0.45378	0.75311	327,404	51,618,962	51,946,366
2003	19,129,690	230,066	18,899,624	0.53782	0.73209	123,735	13,836,189	13,959,924
2004	34,315,609	368,788	33,946,821	0.49082	0.71586	181,010	24,301,299	24,482,310
2005	39,850,532	500,000	39,350,532	0.54658	0.74759	273,288	29,417,898	29,691,185
2006	59,020,786	781,823	58,238,963	0.58555	0.71817	457,799	41,825,431	42,283,230
2007	36,991,367	490,000	36,501,367	0.56119	0.75757	274,985	27,652,410	27,927,395
2008	63,715,591	855,404	62,860,187	0.60053	0.69983	513,694	43,991,466	44,505,160
2009	64,857,002	680,000	64,177,002	0.47637	0.71167	323,931	45,673,032	45,996,963
2010	40,124,509	434,957	39,689,552	0.52286	0.67505	227,421	26,792,314	27,019,735
2011	70,008,909	896,686	69,112,223	0.58287	0.69415	522,654	47,974,004	48,496,658
2012	53,696,596	689,954	53,006,642	0.59607	0.67714	411,258	35,893,087	36,304,346
2013	38,457,393	370,000	38,087,393	0.39693	0.73381	146,863	27,948,771	28,095,634
2014	54,542,873	440,017	54,102,856	0.32991	0.68679	145,166	37,157,131	37,302,296
2015	93,336,500	1,272,964	92,063,536	0.60115	0.68678	765,245	63,226,987	63,992,231
2016	42,644,037	779,510	41,864,527	0.70931	0.67188	552,914	28,127,852	28,680,765
2017	92,612,628	1,512,341	91,100,287	0.67397	0.66658	1,019,268	60,726,041	61,745,309
2018	122,956,802	2,233,431	120,723,371	0.71474	0.65028	1,596,311	78,503,668	80,099,980
2019	95,082,762	1,797,496	93,285,266	0.72088	0.65395	1,295,774	61,003,574	62,299,348
2020	97,229,321	3,450,815	93,778,505	0.85400	0.64890	2,947,009	60,852,769	63,799,778
2021	91,811,158	4,680,360	87,130,798	0.90012	0.64325	4,212,866	56,046,887	60,259,753
2022 - 6 Mo.	53,524,645	3,180,360	50,344,285	0.91508	0.64275	2,910,269	32,358,980	35,269,248
Totals:	1,741,053,608	31,533,697	1,709,519,911			21,995,508	1,199,456,887	1,221,452,395

Notes: (a) See Section IV, Exhibit I, Sheet 1, Col. (4).  
 (b) See Section IV, Exhibit I, Sheet 1, Col. (3).  
 (c) See Section IV, Exhibit I, Sheet 2, Col. (6).  
 (d) See Section IV, Exhibit I, Sheet 2, Col. (5).



Summary of Estimated Outstanding Loss & ALAE  
 Before and After Consideration of Anticipated Inflation and Investment Income  
**Alternative Inflation / Investment Assumptions - Short Term Inflation Increase and Investment Decrease**  
**Before Return to Long Term Assumptions (3.5 % Inflation and 5.0 % Investment Income)**  
 Evaluated as of June 30, 2022

2021 Level Outstanding - Before Inflation and Investment Income  
 Evaluated as of June 30, 2022

Birth Year	Selected Outstanding Loss & ALAE All Categories Incl. Parental Award, Burial Expense & DA Claims (a)	Outstanding Loss & ALAE Related to Parental Award, Burial Expense & DA Claims (b)	Indicated Outstanding Loss & ALAE Related to the Review of All Classes and Three Expense Categories (2) - (3)	Estimated Average Inflation / Investment Discount Factor		Indicated Outstanding Loss & ALAE After Inflation / Investment		
				Related to Parental Award, Burial Expense & DA Claims (c)	Related to Impair. Class / Three Expense Group Review	Related to Parental Award, Burial Expense & DA Claims (3) X (5)	Related to Impair. Class / Three Expense Group Review (4) X (6)	Combined (7) + (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	15,365,601	205,570	15,160,031	0.53061	0.85168	109,077	12,911,563	13,020,641
1990	15,700,373	250,000	15,450,373	0.61067	0.84778	152,667	13,098,451	13,251,118
1991	22,292,685	350,231	21,942,454	0.61260	0.83766	214,550	18,380,385	18,594,936
1992	53,825,496	450,000	53,375,496	0.27610	0.82194	124,247	43,871,639	43,995,886
1993	39,401,740	425,000	38,976,740	0.44116	0.83193	187,493	32,425,782	32,613,275
1994	19,680,960	337,500	19,343,460	0.65938	0.80585	222,542	15,588,001	15,810,543
1995	33,096,652	300,000	32,796,652	0.35723	0.80172	107,168	26,293,739	26,400,907
1996	32,171,662	625,000	31,546,662	0.69704	0.84198	435,649	26,561,654	26,997,303
1997	52,178,328	799,976	51,378,352	0.62776	0.80286	502,192	41,249,586	41,751,778
1998	67,671,255	698,939	66,972,316	0.44439	0.81122	310,598	54,329,266	54,639,864
1999	15,252,150	250,000	15,002,150	0.64226	0.85153	160,564	12,774,746	12,935,310
2000	18,438,057	225,008	18,213,049	0.53536	0.80818	120,460	14,719,467	14,839,928
2001	22,807,423	250,000	22,557,423	0.47774	0.82198	119,435	18,541,727	18,661,162
2002	69,262,517	721,501	68,541,016	0.45378	0.81795	327,404	56,063,452	56,390,857
2003	19,129,690	230,066	18,899,624	0.53782	0.79510	123,735	15,027,063	15,150,798
2004	34,315,609	368,788	33,946,821	0.49082	0.77741	181,010	26,390,464	26,571,474
2005	39,850,532	500,000	39,350,532	0.54658	0.81199	273,288	31,952,124	32,225,411
2006	59,020,786	781,823	58,238,963	0.58555	0.77988	457,799	45,419,458	45,877,257
2007	36,991,367	490,000	36,501,367	0.56119	0.82278	274,985	30,032,677	30,307,662
2008	63,715,591	855,404	62,860,187	0.60053	0.75985	513,694	47,764,008	48,277,702
2009	64,857,002	680,000	64,177,002	0.47637	0.77274	323,931	49,592,237	49,916,168
2010	40,124,509	434,957	39,689,552	0.52286	0.73287	227,421	29,087,086	29,314,508
2011	70,008,909	896,686	69,112,223	0.58287	0.75368	522,654	52,088,406	52,611,060
2012	53,696,596	689,954	53,006,642	0.59607	0.73517	411,258	38,969,017	39,380,276
2013	38,457,393	370,000	38,087,393	0.39693	0.79704	146,863	30,357,260	30,504,123
2014	54,542,873	440,017	54,102,856	0.32991	0.74584	145,166	40,351,952	40,497,118
2015	93,336,500	1,272,964	92,063,536	0.60115	0.74576	765,245	68,657,295	69,422,540
2016	42,644,037	779,510	41,864,527	0.70931	0.72950	552,914	30,540,041	31,092,954
2017	92,612,628	1,512,341	91,100,287	0.67397	0.72367	1,019,268	65,926,345	66,945,614
2018	122,956,802	2,233,431	120,723,371	0.71474	0.70588	1,596,311	85,216,054	86,812,365
2019	95,082,762	1,797,496	93,285,266	0.72088	0.70986	1,295,774	66,219,883	67,515,657
2020	97,229,321	3,450,815	93,778,505	0.85400	0.70439	2,947,009	66,056,306	69,003,315
2021	91,811,158	4,680,360	87,130,798	0.90012	0.69829	4,212,866	60,842,495	65,055,361
2022 - 6 Mo.	53,524,645	3,180,360	50,344,285	0.91508	0.69775	2,910,269	35,127,950	38,038,219
Totals:	1,741,053,608	31,533,697	1,709,519,911			21,995,508	1,302,427,581	1,324,423,088

Notes: (a) See Section IV, Exhibit I, Sheet 1, Col. (4).  
 (b) See Section IV, Exhibit I, Sheet 1, Col. (3).  
 (c) See Section IV, Exhibit I, Sheet 3, Col. (6).  
 (d) See Section IV, Exhibit I, Sheet 3, Col. (5).

Estimation of Outstanding Loss & Expense

Summary of Estimates of Ultimate Loss & ALAE - Based on New and Old Methods  
Indicated Ultimate Loss & ALAE - 2021 Level

**Before Consideration of Inflation and Anticipated Investment Income**

Evaluated as of June 30, 2022

Indicated Ultimate Loss & ALAE - 2021 Level  
Based on 2021 Level Outstanding + Actual Paid

Birth Year	Estimate Based on Analysis By Claim Class & Expense Category (a) 6 30 22	Estimate Based on Analysis By Claim Class & Expense Category (b) 12/31/21	Estimate Based on 09/30/21 Report	Selected Estimate of Ultimate Loss & ALAE - 2021 Level
(1)	(2)	(3)	(4)	(5)
1989	34,005,377	32,531,835	36,662,263	34,005,377
1990	24,224,941	23,594,532	19,525,709	24,224,941
1991	34,974,858	34,149,931	38,733,928	34,974,858
1992	74,702,279	74,257,775	76,245,975	74,702,279
1993	66,176,869	65,205,384	70,207,559	66,176,869
1994	30,773,151	28,942,798	33,892,584	30,773,151
1995	47,526,522	46,964,221	44,356,167	47,526,522
1996	45,902,210	45,039,010	46,750,616	45,902,210
1997	69,865,200	68,890,417	68,848,332	69,865,200
1998	96,498,522	95,872,867	106,935,501	96,498,522
1999	32,010,559	30,081,657	37,886,976	32,010,559
2000	27,931,720	26,807,961	28,766,865	27,931,720
2001	34,601,943	33,557,243	44,727,572	34,601,943
2002	93,663,988	92,549,748	111,882,483	93,663,988
2003	26,597,808	25,867,967	24,000,284	26,597,808
2004	42,791,931	41,916,185	44,811,277	42,791,931
2005	52,265,013	51,323,709	57,226,123	52,265,013
2006	73,387,467	72,434,030	77,375,631	73,387,467
2007	52,509,744	51,151,688	59,899,710	52,509,744
2008	74,315,737	73,358,300	87,975,106	74,315,737
2009	78,064,496	77,085,108	100,885,337	78,064,496
2010	45,767,541	44,767,787	51,340,292	45,767,541
2011	78,522,189	78,184,688	88,632,666	78,522,189
2012	59,605,969	59,273,688	62,667,540	59,605,969
2013	47,288,611	46,525,009	53,000,465	47,288,611
2014	64,486,667	63,324,219	62,311,851	64,486,667
2015	103,224,320	102,518,960	112,648,795	103,224,320
2016	45,596,828	36,724,044	41,628,923	45,596,828
2017	98,919,323	98,151,022	87,764,194	98,919,323
2018	132,189,607	128,833,007	114,454,803	132,189,607
2019	100,415,608	107,623,510	115,339,086	100,415,608
2020	100,749,776	118,365,025	110,857,185	100,749,776
2021	93,493,188	92,461,768	94,962,746	93,493,188
2022 - 6 mo.	53,524,645			53,524,645
Totals:				
1989 to 2022	2,136,574,607	2,068,335,092	2,213,204,546	2,136,574,607
1989 to 2021	2,083,049,962	2,068,335,092	2,213,204,546	2,083,049,962

Notes: (a) See Section IV, Exhibit I, Sheet 1, Col. (6).

(b) See Section III, Exhibit I Col. (2) of December 31, 2021 report..

Estimation of Outstanding Loss & Expense

Summary of Estimates of Outstanding Loss & ALAE - Based on New and Old Methods  
2021 Level - Prior to Inflation and Investment Income

Evaluated as of June 30, 2022

Indicated Outstanding Loss & ALAE - 2021 Level

Birth Year	Based on Analysis By Claim Class & Expense Category 6 30 22	Based on Analysis By Claim Class & Expense Category 12/31/21	Selected	Based on Information Provided By NICA as of 6 30 22			2021 Level Indicated Bulk / IBNR (4) - (7)
	(2)	(3)		Paid Loss & ALAE (5)	Incurred Loss & ALAE (6)	Case Outstanding (6) - (5) (7)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	15,365,601	15,645,841	15,365,601	18,639,776	32,543,854	13,904,078	1,461,523
1990	15,700,373	15,980,474	15,700,373	8,524,568	17,973,129	9,448,560	6,251,813
1991	22,292,685	22,565,989	22,292,685	12,682,173	28,828,609	16,146,435	6,146,250
1992	53,825,496	54,602,551	53,825,496	20,876,784	60,071,103	39,194,320	14,631,176
1993	39,401,740	40,043,210	39,401,740	26,775,129	61,329,475	34,554,346	4,847,395
1994	19,680,960	19,928,949	19,680,960	11,092,191	29,398,181	18,305,990	1,374,970
1995	33,096,652	33,508,825	33,096,652	14,429,871	41,199,698	26,769,828	6,326,824
1996	32,171,662	32,758,455	32,171,662	13,730,549	35,850,807	22,120,259	10,051,403
1997	52,178,328	52,866,860	52,178,328	17,686,872	59,241,767	41,554,894	10,623,434
1998	67,671,255	68,583,976	67,671,255	28,827,267	84,663,149	55,835,882	11,835,373
1999	15,252,150	15,534,633	15,252,150	16,758,409	29,398,506	12,640,097	2,612,054
2000	18,438,057	18,692,281	18,438,057	9,493,662	20,537,947	11,044,284	7,393,773
2001	22,807,423	23,165,454	22,807,423	11,794,520	33,431,617	21,637,097	1,170,325
2002	69,262,517	70,337,033	69,262,517	24,401,471	78,743,226	54,341,755	14,920,762
2003	19,129,690	19,344,805	19,129,690	7,468,118	17,847,404	10,379,286	8,750,404
2004	34,315,609	34,662,903	34,315,609	8,476,321	37,282,944	28,806,623	5,508,987
2005	39,850,532	40,381,168	39,850,532	12,414,481	40,717,261	28,302,779	11,547,752
2006	59,020,786	59,666,782	59,020,786	14,366,681	60,399,936	46,033,255	12,987,531
2007	36,991,367	37,539,699	36,991,367	15,518,377	45,075,078	29,556,702	7,434,666
2008	63,715,591	64,344,963	63,715,591	10,600,146	63,353,088	52,752,942	10,962,650
2009	64,857,002	65,587,151	64,857,002	13,207,494	66,507,515	53,300,021	11,556,981
2010	40,124,509	40,455,213	40,124,509	5,643,032	30,682,798	25,039,765	15,084,743
2011	70,008,909	70,722,290	70,008,909	8,513,280	56,095,741	47,582,461	22,426,448
2012	53,696,596	54,177,017	53,696,596	5,909,373	44,704,461	38,795,088	14,901,508
2013	38,457,393	38,862,370	38,457,393	8,831,218	40,491,463	31,660,245	6,797,148
2014	54,542,873	54,953,334	54,542,873	9,943,794	46,482,713	36,538,919	18,003,954
2015	93,336,500	94,069,513	93,336,500	9,887,820	82,870,503	72,982,683	20,353,817
2016	42,644,037	34,548,158	42,644,037	2,952,791	32,002,006	29,049,215	13,594,822
2017	92,612,628	93,269,404	92,612,628	6,306,695	62,946,725	56,640,030	35,972,598
2018	122,956,802	122,657,963	122,956,802	9,232,805	93,144,303	83,911,498	39,045,304
2019	95,082,762	103,179,866	95,082,762	5,332,847	52,632,430	47,299,583	47,783,178
2020	97,229,321	117,224,414	97,229,321	3,520,456	40,359,558	36,839,103	60,390,218
2021	91,811,158	91,467,738	91,811,158	1,682,031	4,915,238	3,233,207	88,577,950
2022 - 6mo.	53,524,645		53,524,645	0	0	0	53,524,645
Totals:	1,741,053,608	1,721,329,283	1,741,053,608	395,520,999	1,531,722,231	1,136,201,231	604,852,377
1989 to 2021	1,687,528,963	1,721,329,283	1,687,528,963	395,520,999	1,531,722,231	1,136,201,231	551,327,731

Notes: (a) See Section IV, Exhibit I, Sheet 1, Column (4).  
(b) See Section V, Exhibit I, Sheet 1, Column (5).

Estimation of Outstanding Loss & Expense

Summary of Estimate Based on Review By Claim Class and Expense Category

Outstanding Loss & ALAE - 2021 Expense Level

**Before Consideration of Inflation and Anticipated Investment Income**

Evaluated as of June 30, 2022

Birth Year	2021 Level Outstanding Loss & ALAE Related to the Review of All Classes and Three Expense Categories (a)	2021 Level Outstanding Loss & ALAE Related to Parental Award, Burial Expense & DA Claims (b)	2021 Level Outstanding Loss & ALAE Combined (2) + (3)	Cumulative Loss & ALAE Payments as of 6 30 22 (5)	2021 Level Ultimate Loss & ALAE (4) + (5) (6)
(1)	(2)	(3)	(4)	(5)	(6)
1989	15,160,031	205,570	15,365,601	18,639,776	34,005,377
1990	15,450,373	250,000	15,700,373	8,524,568	24,224,941
1991	21,942,454	350,231	22,292,685	12,682,173	34,974,858
1992	53,375,496	450,000	53,825,496	20,876,784	74,702,279
1993	38,976,740	425,000	39,401,740	26,775,129	66,176,869
1994	19,343,460	337,500	19,680,960	11,092,191	30,773,151
1995	32,796,652	300,000	33,096,652	14,429,871	47,526,522
1996	31,546,662	625,000	32,171,662	13,730,549	45,902,210
1997	51,378,352	799,976	52,178,328	17,686,872	69,865,200
1998	66,972,316	698,939	67,671,255	28,827,267	96,498,522
1999	15,002,150	250,000	15,252,150	16,758,409	32,010,559
2000	18,213,049	225,008	18,438,057	9,493,662	27,931,720
2001	22,557,423	250,000	22,807,423	11,794,520	34,601,943
2002	68,541,016	721,501	69,262,517	24,401,471	93,663,988
2003	18,899,624	230,066	19,129,690	7,468,118	26,597,808
2004	33,946,821	368,788	34,315,609	8,476,321	42,791,931
2005	39,350,532	500,000	39,850,532	12,414,481	52,265,013
2006	58,238,963	781,823	59,020,786	14,366,681	73,387,467
2007	36,501,367	490,000	36,991,367	15,518,377	52,509,744
2008	62,860,187	855,404	63,715,591	10,600,146	74,315,737
2009	64,177,002	680,000	64,857,002	13,207,494	78,064,496
2010	39,689,552	434,957	40,124,509	5,643,032	45,767,541
2011	69,112,223	896,686	70,008,909	8,513,280	78,522,189
2012	53,006,642	689,954	53,696,596	5,909,373	59,605,969
2013	38,087,393	370,000	38,457,393	8,831,218	47,288,611
2014	54,102,856	440,017	54,542,873	9,943,794	64,486,667
2015	92,063,536	1,272,964	93,336,500	9,887,820	103,224,320
2016	41,864,527	779,510	42,644,037	2,952,791	45,596,828
2017	91,100,287	1,512,341	92,612,628	6,306,695	98,919,323
2018	120,723,371	2,233,431	122,956,802	9,232,805	132,189,607
2019	93,285,266	1,797,496	95,082,762	5,332,847	100,415,608
2020	93,778,505	3,450,815	97,229,321	3,520,456	100,749,776
2021	87,130,798	4,680,360	91,811,158	1,682,031	93,493,188
2022 - 6 mo.	50,344,285	3,180,360	53,524,645	0	53,524,645
Totals:	1,709,519,911	31,533,697	1,741,053,608	395,520,999	2,136,574,607

Notes: (a) See Section IV, Exhibit II, Sheet 1, Column (13).

(b) See Section IV, Exhibit VI, Sheet 1, Column (8).

Summary of Estimate Based on Review By Claim Class and Expense Category

Outstanding Loss & ALAE - After Estimated Inflation and Anticipated Investment Income  
Based on Current Selected Long-Term Inflation and Investment Income

Evaluated as of June 30, 2022

Birth Year	After Inflation & Discount Outstanding Loss & ALAE Related to the Review of All Classes and Three Expense Categories (a)	Discounted Outstanding Loss & ALAE Related to Parental Award, Burial Expense & DA Claims (b)	After Inflation & Discount Outstanding Loss & ALAE Combined (2) + (3)	Implied Average Inflation / Investment Discount Factor	
				Related to Claim Class / Three Expense Categories Col. (2) / Sect. IV Exh. I, Sh. 1	Related to Parental Award, Burial Expense & DA Claims (b) Col. (3) / Sect. IV Exh. I, Sh. 1
(1)	(2)	(3)	(4)	(5)	(6)
1989	11,886,669	109,077	11,995,747	0.78408	0.53061
1990	12,058,892	152,667	12,211,559	0.78049	0.61067
1991	16,925,781	214,550	17,140,331	0.77137	0.61260
1992	40,395,613	124,247	40,519,860	0.75682	0.27610
1993	29,854,313	187,493	30,041,806	0.76595	0.44116
1994	14,354,051	222,542	14,576,593	0.74206	0.65938
1995	24,212,600	107,168	24,319,768	0.73826	0.35723
1996	24,453,036	435,649	24,888,685	0.77514	0.69704
1997	37,983,437	502,192	38,485,629	0.73929	0.62776
1998	50,021,417	310,598	50,332,015	0.74690	0.44439
1999	11,758,749	160,564	11,919,313	0.78380	0.64226
2000	13,552,689	120,460	13,673,149	0.74412	0.53536
2001	17,070,889	119,435	17,190,324	0.75677	0.47774
2002	51,618,962	327,404	51,946,366	0.75311	0.45378
2003	13,836,189	123,735	13,959,924	0.73209	0.53782
2004	24,301,299	181,010	24,482,310	0.71586	0.49082
2005	29,417,898	273,288	29,691,185	0.74759	0.54658
2006	41,825,431	457,799	42,283,230	0.71817	0.58555
2007	27,652,410	274,985	27,927,395	0.75757	0.56119
2008	43,991,466	513,694	44,505,160	0.69983	0.60053
2009	45,673,032	323,931	45,996,963	0.71167	0.47637
2010	26,792,314	227,421	27,019,735	0.67505	0.52286
2011	47,974,004	522,654	48,496,658	0.69415	0.58287
2012	35,893,087	411,258	36,304,346	0.67714	0.59607
2013	27,948,771	146,863	28,095,634	0.73381	0.39693
2014	37,157,131	145,166	37,302,296	0.68679	0.32991
2015	63,226,987	765,245	63,992,231	0.68678	0.60115
2016	28,127,852	552,914	28,680,765	0.67188	0.70931
2017	60,726,041	1,019,268	61,745,309	0.66658	0.67397
2018	78,503,668	1,596,311	80,099,980	0.65028	0.71474
2019	61,003,574	1,295,774	62,299,348	0.65395	0.72088
2020	60,852,769	2,947,009	63,799,778	0.64890	0.85400
2021	56,046,887	4,212,866	60,259,753	0.64325	0.90012
2022 - 6 mo.	32,358,980	2,910,269	35,269,248	0.64275	0.91508
Totals:	1,199,456,887	21,995,508	1,221,452,395	0.70163	0.69752

Notes:(a) See Section IV, Exhibit II, Sheet 2, Column (13).

(b) See Section IV, Exhibit VI, Sheet 1, Column (9).

Accepted Claim Counts - Reported With Worksheets  
Allocation of Unreported Claims by Severity Class

Evaluated As of June 30, 2022

Year of Birth	Reported Accepted Claims (AAA & AAD Claims) (a)							Classes B C & D (3)+(4)+(5)	Open / Unreported Accepted Claims (AAA Claims) (b)					Classes B,C, D & Blank (10) + (11) + (12) + (13)
	Class A	Class B	Class C	Class D	Blank AAA & AAD	Combined	Class A		Class B	Class C	Class D	Blank N/A	Combined	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1989	4	-	-	2	5	11	2	1.0	0.0	0.0	2.0	0.0	3.0	2.0
1990	3	2	-	2	-	7	4	1.0	1.0	0.0	1.0	0.0	3.0	2.0
1991	1	2	-	1	-	4	3	1.0	2.0	0.0	1.0	0.0	4.0	3.0
1992	1	4	1	4	3	13	9	1.0	4.0	1.0	3.0	0.0	9.0	8.0
1993	4	3	2	3	1	13	8	2.0	0.0	2.0	3.0	0.0	7.0	5.0
1994	2	-	1	2	2	7	3	0.0	0.0	1.0	2.0	0.0	3.0	3.0
1995	-	3	1	2	-	6	6	0.0	2.0	1.0	2.0	0.0	5.0	5.0
1996	3	-	1	2	1	7	3	3.0	0.0	1.0	2.0	0.0	6.0	3.0
1997	2	1	3	3	2	11	7	1.0	1.0	3.0	3.0	0.0	8.0	7.0
1998	4	2	4	2	3	15	8	3.0	2.0	4.0	2.0	0.0	11.0	8.0
1999	6	2	-	-	1	9	2	2.0	1.0	0.0	0.0	0.0	3.0	1.0
2000	3	1	-	1	1	6	2	1.0	1.0	0.0	1.0	0.0	3.0	2.0
2001	2	-	2	-	-	4	2	2.0	0.0	2.0	0.0	0.0	4.0	2.0
2002	9	3	1	2	2	17	6	6.0	3.0	1.0	2.0	0.0	12.0	6.0
2003	1	2	-	-	-	3	2	1.0	2.0	0.0	0.0	0.0	3.0	2.0
2004	1	2	1	1	1	6	4	1.0	2.0	1.0	1.0	0.0	5.0	4.0
2005	5	2	1	2	1	11	5	4.0	0.0	1.0	2.0	0.0	7.0	3.0
2006	4	3	-	3	2	12	6	3.0	3.0	0.0	3.0	0.0	9.0	6.0
2007	5	2	-	-	3	10	2	5.0	2.0	0.0	0.0	0.0	7.0	2.0
2008	3	3	2	2	-	10	7	2.0	3.0	2.0	2.0	0.0	9.0	7.0
2009	4	1	2	3	1	11	6	4.0	1.0	2.0	3.0	0.0	10.0	6.0
2010	1	1	1	3	-	6	5	0.0	1.0	1.0	3.0	0.0	5.0	5.0
2011	3	1	2	4	2	12	7	3.0	1.0	2.0	4.0	0.0	10.0	7.0
2012	1	-	3	3	-	7	6	1.0	0.0	3.0	3.0	0.0	7.0	6.0
2013	5	-	-	2	1	8	2	5.0	0.0	0.0	2.0	0.0	7.0	2.0
2014	5	3	-	2	-	10	5	3.0	3.0	0.0	2.0	0.0	8.0	5.0
2015	6	2	2	4	-	14	8	6.0	2.0	2.0	4.0	0.0	14.0	8.0
2016	2	2	-	1	1	6	3	2.0	2.0	0.0	1.0	1.0	6.0	4.0
2017	4	4	1	2	2	13	7	4.3	4.2	1.2	2.3	1.0	13.0	8.7
2018	3	2	5	3	3	16	10	3.3	2.2	5.2	3.3	2.0	16.0	12.7
2019	3	1	4	1	2	11	6	4.0	1.6	4.5	1.9	1.0	13.0	9.0
2020	2	1	1	2	2	8	4	4.0	2.2	2.1	3.8	1.0	13.0	9.1
2021	-	-	-	-	1	1	-	3.6	2.2	1.9	3.3	1.0	12.0	8.4
2022 - 6 mo.								2.3	1.4	1.2	2.1	0.0	7.0	4.7
Totals	102	55	41	64	43	305	160	85.4	52.8	46.1	70.7	7.0	262.0	176.6

Notes: (a) See Section VI, Exhibit II. Combination of open accepted claims (AAA) with closed accepted claims (AAD).  
(b) See Section VI, Exhibit II. Combination of reported open accepted claims (AAA) and unreported accepted (alive) claims (AAA).

Reported Accepted Claim Counts - Excluding DA Claims

Evaluated As of June 30, 2022

Year of Birth	Open Accepted Claims (AAA Claims)						Closed Accepted Claims (AAD Claims)						IBNR Accepted Claims (Excluding DA Claims)					
	Class A	Class B	Class C	Class D	Blank N/A	Combined	Class A	Class B	Class C	Class D	Blank N/A	Combined	Class A	Class B	Class C	Class D	Blank N/A	Combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1989	1	-	-	2	-	3	3	-	-	-	5	8	-	-	-	-	-	-
1990	1	1	-	1	-	3	2	1	-	1	-	4	-	-	-	-	-	-
1991	1	2	-	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-
1992	1	4	1	3	-	9	-	-	-	1	3	4	-	-	-	-	-	-
1993	2	-	2	3	-	7	2	3	-	-	1	6	-	-	-	-	-	-
1994	-	-	1	2	-	3	2	-	-	-	2	4	-	-	-	-	-	-
1995	-	2	1	2	-	5	-	1	-	-	-	1	-	-	-	-	-	-
1996	3	-	1	2	-	6	-	-	-	-	1	1	-	-	-	-	-	-
1997	1	1	3	3	-	8	1	-	-	-	2	3	-	-	-	-	-	-
1998	3	2	4	2	-	11	1	-	-	-	3	4	-	-	-	-	-	-
1999	2	1	-	-	-	3	4	1	-	-	1	6	-	-	-	-	-	-
2000	1	1	-	1	-	3	2	-	-	-	1	3	-	-	-	-	-	-
2001	2	-	2	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-
2002	6	3	1	2	-	12	3	-	-	-	2	5	-	-	-	-	-	-
2003	1	2	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
2004	1	2	1	1	-	5	-	-	-	-	1	1	-	-	-	-	-	-
2005	4	-	1	2	-	7	1	2	-	-	1	4	-	-	-	-	-	-
2006	3	3	-	3	-	9	1	-	-	-	2	3	-	-	-	-	-	-
2007	5	2	-	-	-	7	-	-	-	-	3	3	-	-	-	-	-	-
2008	2	3	2	2	-	9	1	-	-	-	-	1	-	-	-	-	-	-
2009	4	1	2	3	-	10	-	-	-	-	1	1	-	-	-	-	-	-
2010	-	1	1	3	-	5	1	-	-	-	-	1	-	-	-	-	-	-
2011	3	1	2	4	-	10	-	-	-	-	2	2	-	-	-	-	-	-
2012	1	-	3	3	-	7	-	-	-	-	-	-	-	-	-	-	-	-
2013	5	-	-	2	-	7	-	-	-	-	1	1	-	-	-	-	-	-
2014	3	3	-	2	-	8	2	-	-	-	-	2	-	-	-	-	-	-
2015	6	2	2	4	-	14	-	-	-	-	-	-	-	-	-	-	-	-
2016	2	2	-	1	1	6	-	-	-	-	-	-	-	-	-	-	-	-
2017	4	4	1	2	1	12	-	-	-	-	1	1	0.325	0.200	0.175	0.300	-	1.000
2018	3	2	5	3	2	15	-	-	-	-	1	1	0.325	0.200	0.175	0.300	-	1.000
2019	3	1	4	1	1	10	-	-	-	-	1	1	0.975	0.600	0.525	0.900	-	3.000
2020	2	1	1	2	1	7	-	-	-	-	1	1	1.950	1.200	1.050	1.800	-	6.000
2021	-	-	-	-	1	1	-	-	-	-	-	-	3.575	2.200	1.925	3.300	-	11.000
2022 -6 Mo.													2.275	1.400	1.225	2.100	-	7.000
Totals	76	47	41	62	7	233	26	8	-	2	36	72	9.425	5.800	5.075	8.700	-	29.000

Used for allocation on IBNR claim counts

Indicated	32.6%	20.2%	17.6%	26.6%	3.0%	100.0%
Selected	32.5%	20.0%	17.5%	30.0%		100.0%

Ultimate Accepted Claim Counts  
Evaluated As of June 30, 2022

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 Accepted Claim Counts (6) + (7)	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)
1989	4	8	3	15	0	0	0	4	11	15
1990	3	4	3	10	0	0	0	3	7	10
1991	4	0	4	8	0	0	0	4	4	8
1992	1	4	9	14	0	0	0	1	13	14
1993	2	6	7	15	0	0	0	2	13	15
1994	9	4	3	16	0	0	0	9	7	16
1995	5	1	5	11	0	0	0	5	6	11
1996	10	1	6	17	0	0	0	10	7	17
1997	6	3	8	17	0	0	0	6	11	17
1998	3	4	11	18	0	0	0	3	15	18
1999	9	6	3	18	0	0	0	9	9	18
2000	7	3	3	13	0	0	0	7	6	13
2001	9	0	4	13	0	0	0	9	4	13
2002	5	5	12	22	0	0	0	5	17	22
2003	6	0	3	9	0	0	0	6	3	9
2004	7	1	5	13	0	0	0	7	6	13
2005	2	4	7	13	0	0	0	2	11	13
2006	1	3	9	13	0	0	0	1	12	13
2007	5	3	7	15	0	0	0	5	10	15
2008	1	1	9	11	0	0	0	1	10	11
2009	6	1	10	17	0	0	0	6	11	17
2010	6	1	5	12	0	0	0	6	6	12
2011	2	2	10	14	0	0	0	2	12	14
2012	4	0	7	11	0	0	0	4	7	11
2013	3	1	7	11	0	0	0	3	8	11
2014	3	2	8	13	0	0	0	3	10	13
2015	6	0	14	20	0	0	0	6	14	20
2016	4	0	6	10	0	0	0	4	6	10
2017	2	1	12	15	0	1	1	2	14	16
2018	9	1	15	25	1	1	2	10	17	27
2019	4	1	10	15	1	3	4	5	14	19
2020	3	1	7	11	2	6	8	5	14	19
2021	4	0	1	5	4	11	15	8	12	20
2022					3	7	10	3	7	10
Totals All:	155	72	233	460	11	29	40	166	334	500
2017 - 2021	22	4	45	71	8	22	30	30	71	101

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 6/30/2022.

(c) The accepted claims shown in Column (4), AAA, are accepted claims that are alive as of 6/30/2022.

(d) See Section VI, Exhibit IV, Columns (6) and (7), respectively.



Open Accepted Claim Counts  
Evaluated As of June 30, 2022

Year of Birth	Reported Open Accepted Claim Counts				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	DA (2) + (6)	AAD & AAA Only (3)+(4)+(7)	Combined (9) + (10)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	0	0	3	3				0	3	3
1990	0	0	3	3				0	3	3
1991	0	0	4	4				0	4	4
1992	0	0	9	9				0	9	9
1993	0	0	7	7				0	7	7
1994	0	0	3	3				0	3	3
1995	0	0	5	5				0	5	5
1996	0	0	6	6				0	6	6
1997	0	0	8	8				0	8	8
1998	0	0	11	11				0	11	11
1999	0	0	3	3				0	3	3
2000	0	0	3	3				0	3	3
2001	0	0	4	4				0	4	4
2002	0	0	12	12				0	12	12
2003	0	0	3	3				0	3	3
2004	0	0	5	5				0	5	5
2005	0	0	7	7				0	7	7
2006	0	0	9	9				0	9	9
2007	0	0	7	7				0	7	7
2008	0	0	9	9				0	9	9
2009	0	0	10	10				0	10	10
2010	0	0	5	5				0	5	5
2011	0	0	10	10				0	10	10
2012	0	0	7	7				0	7	7
2013	0	0	7	7				0	7	7
2014	0	0	8	8				0	8	8
2015	0	0	14	14				0	14	14
2016	0	0	6	6				0	6	6
2017	0	0	12	12	0	1	1	0	13	13
2018	1	0	15	16	1	1	2	2	16	18
2019	0	0	10	10	1	3	4	1	13	14
2020	1	0	7	8	2	6	8	3	13	16
2021	0	0	1	1	4	11	15	4	12	16
2022 (6 Mo)					3	7	10	3	7	10
Totals All:	2	0	233	235	11	29	40	13	262	275

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 6/30/2022.  
 (c) AAA are accepted claims that are alive as of 6/30/2022.  
 (d) See Section VI, Exhibit V, Sheet 1, Columns (21) and (11), respectively.

Development of Ultimate Accepted Claim Counts ( B/F Estimate)  
Evaluated As of June 30, 2022

A. Selected Claim Frequency per Insured Physician Based on: (a)

1. AAA & AAD Only	0.0085
2. DA Only	0.0038
3. All Reported Claims But Excluding DA Only	0.0340

B. Ratio to Reported All Claims Excluding DA Only Based on: (a)

1. AAA & AAD Only	0.2500
2. DA Only	0.1118

Year of Birth	Actual (b) AAA & AAD Accepted Claim Cts. @ 6/30/22	All Reported Claim Cts. Excl. DA (c) @ 6/30/22	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 Claim Cts.	IBNR AAA & AAD Accepted Claim Cts. (10) - (2)
			Insured Physicians @ 6/30/22	Accepted			Reported Claim Cts. (2) + {[1-(-5)] x (7) x B.1}	AAA & AAD Claim Cts. (d) (2) + {[1-(-5)] x (4) x A.1}		
				AAA & AAD	Reported Claim Cts.					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2017	13	43	1,356	98.78%	90.99%	47.15	13.14	13.14	14	1
2018	16	45	1,420	94.16%	82.09%	53.65	16.78	16.71	17	1
2019	11	44	1,501	84.84%	70.49%	59.06	13.24	12.93	14	3
2020	8	30	1,575	66.03%	50.35%	56.59	12.81	12.55	14	6
2021	1	14	1,663	32.17%	23.54%	57.23	10.71	10.59	12	11
2022	0	0	1,611	2.50%	2.50%	53.40	13.02	13.35	14	14
2022 (6 Mo.)									7	7
Subtotals: FY 22 @ 6 30 22	49	176					79.70	79.27	85.00	36.00
									78.00	29.00

Year of Birth	Actual (b) DA Only Accepted Claim Cts. @ 6/30/22	All Reported Claim Cts. Excl. DA (c) @ 6/30/22	Estimated Claim Reporting Pattern - Based on :			B/F Method Estimated Ultimate 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)
			Insured Physicians @ 6/30/22	Accepted			Reported Claim Cts. (12) + {[1-(-15)] x (17) x B.2}	DA Only Claim Cts. (12) + {[1-(-15)] x (14) x A.2}		
				DA Only	Reported Claim Cts.					
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
2017	2	43	1,356	100.00%	90.99%	47.15	2.00	2.00	2	0
2018	9	45	1,420	96.51%	82.09%	53.65	9.21	9.19	10	1
2019	4	44	1,501	87.86%	70.49%	59.06	4.80	4.69	5	1
2020	3	30	1,575	69.86%	50.35%	56.59	4.91	4.80	5	2
2021	4	14	1,663	38.02%	23.54%	57.23	7.96	7.92	8	4
2022			1,611	2.50%	2.50%	53.40	5.82	5.97	6	6
2022 (6 Mo.)									3	3
Subtotals: FY 22 @ 6 30 22	22	176					34.70	34.57	36.00	14.00
									33.00	11.00

Notes: (a) See Section VI, Exhibit V, Sheet 2, Item (12).  
 (b) See Section VI, Exhibit VI, Sheet 1, Columns (3) and (4), respectively.  
 (c) See Section VI, Exhibit VI, Sheet 1, Column (2) minus Column (4).

Development of Ultimate Accepted Claim Counts ( B/F Estimate)  
Evaluated As of June 30, 2022

Year of Birth	Actual (a) Accepted Claim Counts		All (a) Reported Claim Cts. @ 6/30/22	All Reported Claim Cts. Excluding DA Claims @ 6/30/22 (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 @ 6/30/22	DA Only @ 6/30/22				AAA & AAD Only (2) / (6)	DA Only (3) / (6)	Reported Excl. DA (5) / (6)		
	(2)	(3)				(7)	(8)	(9)		
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	14	6	50	44	1,273	0.0110	0.0047	0.0346	0.3182	0.1364
2016	6	4	36	32	1,318	0.0046	0.0030	0.0243	0.1875	0.1250
Subtotals:										
89 to 16	256	133	1,111	978	24,063	0.0106	0.0055	0.0406	0.2618	0.1360
89 to 02	130	77	557	480	9,432	0.0138	0.0082	0.0509	0.2708	0.1604
03 to 16	126	56	554	498	14,631	0.0086	0.0038	0.0340	0.2530	0.1124
08 to 16	84	35	389	354	10,254	0.0082	0.0034	0.0345	0.2373	0.0989
12 to 16	45	20	213	193	6,061	0.0074	0.0033	0.0318	0.2332	0.1036
(12) Selected Frequency =====>						0.0085	0.0038	0.0340	0.2500	0.1118

Notes: (a) See Section VI, Exhibit VI, Sheet 1.

**Agenda Item # 9 (Tab G)**

**June 30, 2022**

**Draft Financial Statements**

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Financial Statements  
and Other Financial Information



**Florida Birth Related Neurological Injury Compensation Association**

*Years ended June 30, 2022 and 2021  
with Report of Independent Auditors*

Florida Birth Related Neurological Injury Compensation Association

Financial Statements  
and Other Financial Information

Years ended June 30, 2022 and 2021

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Florida Birth Related Neurological Injury Compensation Association

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Statements of Net Position

	June 30,	
	2022	2021
<b>Assets</b>		
Current assets:		
Cash and cash equivalents	\$ 915,265	\$ 605,717
Prepaid expenses and other current assets	<u>44,891</u>	<u>76,705</u>
Total current assets	960,156	682,422
Receivables for securities sold	4,140,980	3,985,821
Investment income receivable	4,865,824	4,361,512
Assessments receivable	2,526,750	2,234,600
Investments	1,329,834,689	1,685,487,875
Property and equipment, net	<u>2,589,514</u>	<u>2,734,139</u>
Total assets	<u>\$ 1,344,917,913</u>	<u>\$ 1,699,486,369</u>
<b>Liabilities and net position</b>		
Current liabilities:		
Accounts payable and accrued expenses	\$ 503,795	\$ 506,516
Accrued investment fees	<u>577,400</u>	<u>353,900</u>
Total current liabilities	1,081,195	860,416
Payable for securities purchased	5,067,455	4,333,478
Claims reserves	<u>1,369,500,000</u>	<u>1,184,500,000</u>
Total liabilities	1,375,648,650	1,189,693,894
Net position:		
Net investment in capital assets	2,589,514	2,734,139
Restricted	<u>(33,320,251)</u>	<u>507,058,336</u>
Total net position	<u>(30,730,737)</u>	<u>509,792,475</u>
Total liabilities and net position	<u>\$ 1,344,917,913</u>	<u>\$ 1,699,486,369</u>

*See accompanying notes.*

Florida Birth Related Neurological Injury Compensation Association

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Statements of Revenues, Expenses, and Changes in Net Position

	<u>Years ended</u> <u>2022</u>	<u>June 30,</u> <u>2021</u>
<b>Changes in net position</b>		
Operating revenues:		
Hospital assessments	\$ 3,249,950	\$ 3,175,050
Physicians assessments	<u>32,580,533</u>	<u>28,624,037</u>
Total operating revenues	<u>35,830,483</u>	31,799,087
Operating expenses:		
Claims incurred	262,330,736	194,782,059
General and administrative expenses	4,213,096	3,382,091
Depreciation and amortization	<u>951,093</u>	<u>780,366</u>
Total operating expenses	<u>267,494,925</u>	<u>198,944,516</u>
Operating loss	<b>(231,664,442)</b>	(167,145,429)
Nonoperating revenues (expenses):		
Investment (loss) income	<b>(305,000,709)</b>	254,082,247
Investment fees	<u>(3,858,061)</u>	<u>(3,706,519)</u>
Total nonoperating revenues (expenses)	<u>(308,858,770)</u>	<u>250,375,728</u>
Change in net position	<b>(540,523,212)</b>	83,230,299
Net position at beginning of year	<u>509,792,475</u>	<u>426,562,176</u>
Net position at end of year	<u>\$ (30,730,737)</u>	<u>\$ 509,792,475</u>

*See accompanying notes.*



Florida Birth Related Neurological Injury Compensation Association

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Statements of Cash Flows

	Years ended June 30,	
	2022	2021
<b>Operating activities</b>		
Cash received from hospitals and physicians	\$ 35,559,099	\$ 31,675,137
Cash payments to claimants and vendors	(77,322,889)	(49,761,658)
Cash payments to service providers and suppliers	(2,480,412)	(1,772,271)
Cash payments to employees for service	(1,268,481)	(1,081,866)
Cash payments to employees for benefits	(463,723)	(454,605)
Net cash used in operating activities	(45,976,406)	(21,395,263)
<b>Capital financing activities</b>		
Purchase of property and equipment	(806,468)	(862,783)
Net cash used in capital financing activities	(806,468)	(862,783)
<b>Investing activities</b>		
Purchase of investments	(698,688,146)	(831,688,671)
Proceeds from sales of investments	728,020,330	838,655,083
Receivable from securities sold	(155,158)	5,414,852
Payable for securities purchased	733,977	(4,689,568)
Interest and dividends from investments	20,817,045	18,608,227
Investment management fees	(3,635,626)	(3,707,320)
Net cash provided by investing activities	47,092,422	22,592,603
Net increase in cash and cash equivalents	309,548	334,557
Cash and cash equivalents at beginning of year	605,717	271,160
Cash and cash equivalents at end of year	\$ 915,265	\$ 605,717
Reconciliation of operating loss to net cash used in operating activities		
Operating loss	\$ (231,664,442)	\$ (167,145,429)
Adjustments to reconcile change in net position to net cash used in operating activities:		
Depreciation and amortization	951,093	780,366
Changes in operating assets and liabilities:		
Assessments receivable	(271,384)	(123,950)
Prepaid expenses and other current assets	31,814	(7,616)
Accounts payable and accrued expenses	(23,487)	101,366
Claims reserves	185,000,000	145,000,000
Net cash used in operating activities	\$ (45,976,406)	\$ (21,395,263)

See accompanying notes.

## Notes to Financial Statements

Years ended June 30, 2022 and 2021

**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](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.

## Notes to Financial Statements

### 1. Summary of Significant Accounting Policies (continued)

#### 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.

#### 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, 2022 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.

Florida Birth Related Neurological Injury Compensation Association

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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, 2022.

<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	\$ -	\$ -	\$ 17,457,132	\$ 17,457,132
Equities	246,981,840	-	-	246,981,840
Fixed income securities	62,477,475	316,288,680	-	378,766,155
Preferred securities	2,986,803	-	-	2,986,803
Annuities	-	-	16,254,489	16,254,489
Futures Contracts	(211,773)	-	-	(211,773)
	<u>312,234,345</u>	<u>316,288,680</u>	<u>33,711,621</u>	<u>662,234,646</u>
<b>Other investments:</b>				
Pooled investment in Florida State Treasury	-	-	-	278,008
Pooled investments reported at net asset value	-	-	-	665,367,636
Foreign currency	-	-	-	1,484,082
Other	-	-	-	470,317
Total assets at fair value	<u>\$ 312,234,345</u>	<u>\$ 316,288,680</u>	<u>\$ 33,711,621</u>	<u>\$ 1,329,834,689</u>

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>
<b>Other investments:</b>				
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>

Notes to Financial Statements

3. Investments (continued)

As of June 30, 2022, investments of NICA were as follows:

<b>Types of Investments</b>	<b>Fair Value</b>	<b>Effective Duration (in Years)</b>
<b>Classifiable Investments:</b>		
Annuities	\$ 16,254,489	n/a
Asset-backed securities	13,832,609	1.82
Corporate bonds	241,176,137	10.71
Federal Home Loan Mortgage	12,370,982	5.44
Federal National Mortgage Association	15,171,895	5.86
Futures contracts	(211,773)	n/a
Government National Mortgage Association	974,734	5.08
International government bonds	3,668,545	13.50
U.S. government bonds	62,477,475	13.03
Collateralized mortgage obligations	18,179,623	3.08
Municipal bonds	10,914,155	6.34
U.S. debt	485,019,884	n/a
Pooled investment in Florida State Treasury	278,008	1.04
Equity securities	431,800,477	n/a
Total classifiable investments	<u>1,311,907,240</u>	
<b>Non-classifiable investments:</b>		
Cash sweep - short term investment fund	17,457,132	
Other	<u>470,317</u>	
Total non-classifiable investments	<u>17,927,449</u>	
Total investments	<u>\$1,329,834,689</u>	



Notes to Financial Statements

3. Investments (continued)

As of June 30, 2021, investments of NICA were as follows:

<b>Types of Investments</b>		<b>Effective</b>
<b>Classifiable Investments:</b>	<b>Fair Value</b>	<b>Duration</b>
		<b>(in Years)</b>
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>	
 <b>Non-classifiable investments:</b>		
Cash sweep - short term investment fund	33,285,141	
Other	<u>383,026</u>	
Total non-classifiable investments	<u>33,668,167</u>	
	 <u>\$1,685,870,900</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)

<b>Debt Security Type</b>	<b>Quality Rating Moody's</b>	<b>Fair Value</b>
Asset-backed	Aaa	\$ 6,101,484
Asset-backed	NR	7,731,125
Collateralized mortgage obligation	Aaa	15,175,281
Collateralized mortgage obligation	NR	3,004,342
Corporate bonds	A1	13,915,225
Corporate bonds	A2	27,173,827
Corporate bonds	A3	29,010,654
Corporate bonds	Aa1	233,369
Corporate bonds	Aa2	1,738,565
Corporate bonds	Aa3	9,666,943
Corporate bonds	Aaa	3,227,239
Corporate bonds	Ba1	7,656,612
Corporate bonds	Baa1	49,286,827
Corporate bonds	Baa2	56,603,887
Corporate bonds	Baa3	38,246,457
Corporate bonds	NR	4,416,532
Federal Home Loan Mortgage	Aaa	12,370,982
Federal National Mortgage Association	Aaa	15,171,895
Futures contracts	NR	(211,773)
Government National Mortgage Association	Aaa	974,734
International Government Bonds	Baa1	3,668,545
Municipal bonds	A1	108,594
Municipal bonds	A3	2,238,699
Municipal bonds	Aa1	1,724,679
Municipal bonds	Aa2	2,544,914
Municipal bonds	Aa3	657,772
Municipal bonds	Aaa	1,148,799
Municipal bonds	Baa2	379,818
Municipal bonds	NR	2,110,880
U.S. Debt	NR	485,019,884
U.S. Government Bond	Aaa	62,477,475
		\$ 863,574,266

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.

Notes to Financial Statements

**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, 2022, 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	\$ 928
	Brazil Real	n/a	3
	Canadian Dollar	n/a	170,698
	Czech Koruna	n/a	311
	Euro Currency Unit	n/a	13,271
	Hong Kong Dollar	n/a	302,797
	Hungarian Forint	n/a	736
	Indonesian Rupiah	n/a	12,271
	Israeli Skekel	n/a	1,042
	Japanese Yen	n/a	71,912
	Mexican Peso	n/a	935
	New Taiwan Dollar	n/a	137,381
	Polish Zloty	n/a	821
	Pound Sterling	n/a	619,134
	Singapore Dollar	n/a	980
	South African Rand	n/a	8
	South Korean Won	n/a	90,512
	Swedish Krona	n/a	59,974
Swiss Franc	n/a	75	
Turkish Lira	n/a	293	

(continued)

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	5,955,939
	Brazil Real	n/a	1,796,315
	Canadian Dollar	n/a	7,645,654
	Chinese Yuan Renminbi	n/a	4,270,100
	Danish Krone	n/a	562,753
	Euro Currency Unit	n/a	36,665,577
	Hong Kong Dollar	n/a	21,687,613
	Hungarian Forint	n/a	266,511
	Indonesian Rupiah	n/a	459,501
	Israeli Shekel	n/a	104,685
	Japanese Yen	n/a	37,733,890
	Malaysian Ringgit	n/a	139,710
	Mexican Peso	n/a	1,724,324
	New Taiwan Dollar	n/a	5,508,695
	New Zealand Dollar	n/a	21,675
	Norwegian Krone	n/a	1,796,850
	Polish Zloty	n/a	323,502
	Pound Sterling	n/a	22,937,849
	Singapore Dollar	n/a	4,274,190
	South African Rand	n/a	1,631,264
	South Korean Won	n/a	5,775,141
	Swedish Krona	n/a	10,128,835
	Swiss Franc	n/a	8,409,057
Thailand Baht	n/a	895,236	
Turkish Lira	n/a	61,208	
Preferred securities	Brazil Real	n/a	363,051
	Euro Currency Unit	n/a	<u>2,623,752</u>
			<u>\$ 185,246,959</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*.

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, 2022:

	<b>Beginning Balances</b>	<b>Additions</b>	<b>Deletions</b>	<b>Ending Balances</b>
Land	\$ 209,088	\$ -	\$ -	\$ 209,088
Building	320,585	-	-	320,585
Building improvements	88,411	-	-	88,411
Property and equipment	258,017	36,283	(7,403)	286,897
Software	4,174,719	718,319	-	4,893,038
Software in development	-	51,941	-	51,941
	<u>5,050,820</u>	<u>806,543</u>	<u>(7,403)</u>	<u>5,849,960</u>
Less accumulated depreciation and amortization	<u>(2,316,681)</u>	<u>(951,093)</u>	<u>7,328</u>	<u>(3,260,446)</u>
	<u>\$ 2,734,139</u>	<u>\$ (144,550)</u>	<u>\$ (75)</u>	<u>\$ 2,589,514</u>

Activity within the property and equipment accounts consists of the following for the year ended June 30, 2021:

	<b>Beginning Balances</b>	<b>Additions</b>	<b>Deletions</b>	<b>Ending Balances</b>
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	3,328,268	846,451	-	4,174,719
	<u>4,249,439</u>	<u>862,781</u>	<u>(61,400)</u>	<u>5,050,820</u>
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>

Depreciation and amortization expense was \$951,093 and \$780,366 for the years ended June 30, 2022 and 2021, 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, 2022. 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, 2022.

Notes to Financial Statements

**5. Claims Reserves (continued)**

Activity in the liability for unpaid claims and claim adjustment expenses is summarized as follows:

	<b>June 30,</b>	
	<u>2022</u>	<u>2021</u>
Balance at beginning of year, including risk margin	<b>\$ 1,184,500,000</b>	\$ 1,039,500,000
Claims incurred related to:		
Current birth year	<b>70,538,496</b>	55,788,432
Prior birth years	<u><b>3,865,461</b></u>	<u>56,432,250</u>
Total claims incurred	<u><b>74,403,957</b></u>	<u>112,220,682</u>
Claims adjusted related to prior birth years	<b>182,636,459</b>	81,999,733
Claims paid related to:		
Prior years	<u><b>(77,330,735)</b></u>	<u>(49,782,059)</u>
Total claims paid	<u><b>(77,330,735)</b></u>	<u>(49,782,059)</u>
Change in unallocated loss adjustment expense	<b>5,290,319</b>	561,644
Change in risk margin reserve	<u>-</u>	<u>-</u>
Balance at end of year	<u><b>\$ 1,369,500,000</b></u>	<u>\$ 1,184,500,000</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, 2022 and 2021. The contribution was \$147,653 and \$162,107 for the years ended June 30, 2022 and 2021, 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.



## Notes to Financial Statements

**7. Commitments and Contingencies (continued)**

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 and discussions continue with the United States regarding NICA's alleged liability and changes to NICA's treatment of Medicaid as a third party. NICA has taken steps to change its process which has impacted NICA's loss and loss adjustment expenses. In addition, NICA continues to work 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. NICA's defense that it is not subject FCA liability as an arm of the state was denied by the District Court and affirmed on appeal by Thus, in August 2022, the case will resume in the early stages of litigation with NICA answering the complaint in August or September, 2022. Given the early stages of the district court litigation the ultimate litigation outcome is uncertain. Accordingly, no provision has been made in the financial statements for this contingency.

**Agenda Item # 10.A. (Tab H)**

**Reserve Review**

<i>in millions</i>	<b>9/30/2021</b>	<b>12/31/2021</b>	<b>6/30/2022</b>	<b>Change from Sep to June</b>
Assets	1,668	1,722	1,345	
Liabilities	1,435	1,342	1,376	
Unreserved Assets	233	380	(31)	(264)
<i>Assets related to investment balance:</i>				
Investment balance	1,643	1,697	1,317	(326)
Annuities + other purchased securities not in above	21	20	21	
Other cash due out			(9)	
Cash	1	2	1	
Property	3	3	3	
Year End Accruals			12	
	1,668	1,722	1,345	
<i>Liabilities related to claims reserve</i>				
Claims reserve per actuary report	1,327	1,235	1,242	
Add'l 6 months of IBNR	32	31	35	
Risk Margin	76	76	76	
Est Family Care Retro			17	
Claims reserve per balance sheet	1,435	1,342	1,370	65
Other Liabilities			6	
Total Liabilities	1,435	1,342	1,376	
<i>Projected Unreserved Assets at March BoD meeting</i>			160	
<i>Actual Unreserved Assets</i>			(31)	
<i>Difference</i>			(191)	
<i>Total change in investments above</i>			(326)	
<i>Change due to liquidation for cash needs</i>			51	
<i>Change due to market value</i>			(275)	
<i>Remaining difference due to refinement of Medicaid impact on reserves from 9/30 to 12/31</i>			84	

# **Agenda Item # 10.B. (Tab I)**

## **Cash Flow**

	June 30, 2020	June 30, 2021	June 30, 2022	Projected**
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>				
Cash Received from Hospitals and Physicians	27,956,902	31,675,137	35,559,098	36,000,000
Cash Received from Reinsurance	15,990,545	-	-	
Cash Payments to Claimants and Vendors				
Parent Award	(2,068,834)	(28,249,604)	(34,172,593)	(5,172,085)
Custodial Care	(13,902,790)	(17,055,905)	(21,736,643)	(25,200,000)
Death Benefits	(110,000)	(290,000)	(8,469,795)	-
Housing	(162,431)	(278,341)	(4,559,863)	(918,524)
Transportation	(1,200,648)	(1,425,231)	(4,321,922)	(3,786,774)
All Other Benefits	(2,032,943)	(1,829,745)	(3,271,010)	(4,061,907)
Initial Claim Related (medical exams, attorney fees)	(643,806)	(632,832)	(791,062)	(821,673)
Cash Payments to Claimants and Vendors - Total	(20,121,452)	(49,761,658)	(77,322,888)	(39,960,963)
Cash Paid for Administration	(3,229,251)	(3,308,742)	(4,212,618)	(4,088,858)
<b>Net Cash Provided by Operating Activities</b>	<b>20,596,744</b>	<b>(21,395,263)</b>	<b>(45,976,408)</b>	<b>(8,049,821)</b>
<b>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES</b>				
Purchase of Property and Equipment (Administration)	(778,795)	(862,783)	(806,468)	(806,468)
<b>Net Cash Used in Capital and Related Financing Activities</b>	<b>(778,795)</b>	<b>(862,783)</b>	<b>(806,468)</b>	<b>(806,468)</b>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>				
<b>Net Cash Used in Investing Activities</b>	<b>(19,700,771)</b>	<b>22,592,603</b>	<b>47,092,425</b>	<b>8,856,289</b>
<b>Net Increase In Cash and Cash Equivalents</b>	<b>117,178</b>	<b>334,557</b>	<b>309,549</b>	<b>-</b>

\*\* Does not include one-time \$17m retro payment or impact when Medicaid transition complete estimated at additional \$15m

<i>Estimated cash flow deficit last BoD meeting</i>	(10,300,000)
<i>Estimate here</i>	(8,856,289)
<i>Difference</i>	(1,443,711)
<i>Original Revenue estimate</i>	30,000,000
<i>Difference from above</i>	6,000,000
<i>Original Benefit estimate (includes additional increase due to removal of 10 hour limit)</i>	36,700,000
<i>Difference from above</i>	(3,260,963)
<i>Original Admin estimate</i>	3,600,000
<i>Difference from above</i>	(1,295,326)

# **Agenda Item # 10.C. (Tab J)**

## **Budget**

**NICA General and Administrative Expenses  
Comparison of Fiscal Year 6/30/2022 Budget to Actual  
and Proposed Budget for Fiscal Year 6/30/2023**

	<u>Actual</u> <u>6/30/2022</u>	<u>Budget</u> <u>6/30/2022</u>	<u>(Over)/Under</u> <u>Budget</u>	<b>PROPOSED</b> <u>BUDGET</u> <u>6/30/2023</u>	<u>Increase</u> <u>(Decrease)</u>
Accounting services	86,456	84,000	(2,456)	86,000	(456)
Dues & subscriptions	4,294	5,185	891	4,470	176
Insurance	287,319	302,000	14,681	372,000	84,681
Miscellaneous	23	800	777	800	777
Office supplies	8,069	8,850	781	8,850	781
Payroll taxes	96,409	90,650	(5,759)	94,000	(2,409)
Postage	82,525	64,000	(18,525)	71,000	(11,525)
Printing services	43,452	47,400	3,948	46,025	2,573
Professional fees	917,122	554,000	(363,122)	993,000	75,878
Repairs & Maintenance	130,951	111,250	(19,701)	135,000	4,049
Retirement	147,653	150,000	2,347	151,000	3,347
Salaries	1,122,544	1,225,000	102,456	1,227,000	104,456
Taxes & licenses	873	1,145	272	1,604	731
Telephone	23,584	18,900	(4,684)	21,700	(1,884)
Travel	1,141	13,700	12,559	13,700	12,559
Education	1,385	3,000	1,615	3,000	1,615
Utilities	14,246	11,500	(2,746)	14,500	254
Bank charges	386	4,100	3,714	4,100	3,714
Outreach	59,113	62,750	3,637	12,950	(46,163)
<b>Sub-Total</b>	<u>3,027,545</u>	<u>2,758,230</u>	<u>(269,315)</u>	<u>3,260,699</u>	<u>233,154</u>
Legal - General attorney fees & costs	901,497	579,800	(321,697)	712,800	(188,697)
Rent Expense	111,999	111,720	(279)	115,359	3,360
OIR Operational Audit	172,055	172,055	0	-	(172,055)
<b>Total</b>	<u><u>4,213,096</u></u>	<u><u>3,621,805</u></u>	<u><u>(591,291)</u></u>	<u><u>4,088,858</u></u>	<u><u>(124,238)</u></u>