

**FLORIDA BIRTH RELATED NEUROLOGICAL INJURY
COMPENSATION ASSOCIATION
REVIEW OF OUTSTANDING LOSS RESERVES
EVALUATED AS OF SEPTEMBER 30, 2018**

**Turner Consulting, Inc.
November, 2018**

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November 28, 2018

Ms. Kenney Shipley
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Florida Birth Related Neurological
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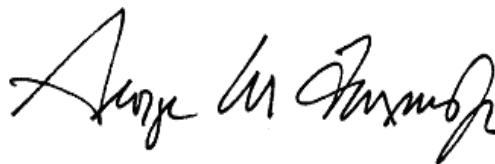
Re: NICA Outstanding Loss Reserves – Evaluated as of September 30, 2018

Dear Ms. Shipley:

Please find enclosed our report on loss and loss adjustment expense (LAE) reserves established for the Florida Birth Related Neurological Injury Association (NICA) as of September 30, 2018.

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, Steve Lehmann

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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” (BRNI) as contained in Florida Statute 766.302. The loss and LAE reserve estimate is related to claims incurred prior to and evaluated as of September 30, 2018. The loss and LAE reserve estimates are developed on both a current (2018) cost level basis and after consideration of prospective period inflation and anticipated investment income.

Background

The Florida Birth Related Neurological Injury Compensation Association (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 to be 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 is not adequate. Due to the significant time period expected between the

time when funds are collected and actual benefits are paid, the estimated impact of inflation as well as an estimate of 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 current report a separate estimate is no longer shown for the expense previously labeled as “family care” other than the segregation of amounts estimated for the retrospective portion of the class action settlement as described in the next paragraph. However, a separate estimate of the reserve amounts related to “family residential or custodial care” as defined in Florida Statute 766.302 (10) will be calculated for purposes of the threshold calculation as described in Florida Statute 766.314 (9). This statute specifically excludes benefits related to “family residential or custodial care” for purposes of the threshold calculation 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 have been incorporated into the case reserve estimates as provided by NICA. The impact is separated into estimates related to the retrospective portion of the settlement (currently defined as prior to August 1, 2012) and the prospective portion of the settlement (currently defined as subsequent to July 31, 2012). It is

our understanding that all of the retrospective portion has been paid in full as of September 30, 2018. The retroactive portion of the settlement has been paid based on information submitted in writing to NICA by class members that either NICA agrees to pay or is ordered to pay by an administrative law judge. The reserve estimates as shown in the attached exhibits no longer include separate reserve estimate for the retrospective portion of the settlement agreement.

Qualifications

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

Distribution and Use

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

Conditions and Limitations

In preparing the estimates as shown in this report we relied without audit or verification on loss, exposure and expense information provided to us by responsible employees of NICA.

The indicated ultimate loss and LAE estimates provided in this report are based on the accuracy of the loss projection methods including the estimation of claim frequency and average claim size for each birth year. In addition, the final loss and LAE reserve estimates will be affected by the prospective period inflation and investment returns realized by NICA. The combined impact of these factors results in a significant degree of uncertainty in the estimated NICA loss and LAE reserve evaluated as of September 30, 2018. This uncertainty arises from the estimation of a number of 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 September 30, 2018. Due to the level of uncertainty with regard to the impact of these factors on the ultimate number and settlement value of actual losses there can be no guarantee that actual losses will not vary, perhaps significantly, from the estimates as 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 as 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 as 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 as 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 reserves as contained in this report include explicit consideration of estimated prospective period inflation and investment returns. Specifically, the loss 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.

Estimates of outstanding loss reserves as shown in the text and the accompanying exhibits (e.g. Exhibit I, Sheets 1a through 1c) are before consideration of anticipated reinsurance recoveries under specific and aggregate excess coverage purchased by NICA. An estimate of the NICA net retained loss reserve after consideration of the calculated anticipated specific and aggregate excess coverage recoveries is shown in Exhibit I, Sheet 4a. The estimated specific and aggregate excess coverage recoveries shown in Exhibit I, Sheets 4a and 4b include consideration of the actual commutation or negotiated amounts received to date and also an estimate of amounts recoverable under the commutation clause of current NICA reinsurance treaties with General Reinsurance Corporation (Gen Re). All specific excess reinsurance coverage related to birth years 2001 and prior has been commuted.

The remaining reinsurance recoveries as of September 30, 2018 include specific and aggregate excess recoveries related to birth years 2002 and 2003 and also buffer layer (i.e. \$ 3.0 million excess of \$ 20.0 million) aggregate excess recoveries related to birth years 1999 to 2001. Since recoveries under the remaining specific and aggregate excess coverage are disputed by the reinsurer and are subject to final decisions to be made by an arbitration panel in a pending arbitration proceeding, the amounts that will be ultimately recovered may vary from the estimated amounts shown in Exhibit I, Sheets 4a and 4b.

The estimated amounts recoverable under the Gen Re specific and aggregate excess coverage treaties purchased by NICA for these more recent birth years (e.g. 2002 and 2003) are based on our understanding of the four primary findings as described in the Panel Award issued after the Phase I hearing for the NICA / Gen Re commutation arbitration. Additional factors that impact commutation calculations will be decided in Phase II or later in the arbitration and further

proceedings may be necessary before commutation values are confirmed. Our estimates as shown in the current report reflect our understanding of the decisions expressed in the Phase I Panel Award, but do not include all factors that will be decided in Phase II.

For example, since the Phase I Panel Award specified the order of operations as well as the evaluation date to be used to value the claims in the calculation, changes were made to the order of operations and the evaluation dates incorporated in the reinsurance recovery calculations shown in NICA reports evaluated as of September 30, 2017 and prior. In those prior reports the reinsurance recovery calculation was based on the loss and ALAE information evaluated as of the current quarter or year end. Since one of the key findings of the Phase I Panel Award specifies the reinsurance commutation calculation is to be performed using loss information evaluated as of eighty-four months after the expiration of each birth year (e.g. as of 12/31/09 for BY 2002) and also the calculation is to incorporate expected loss and ALAE present valued to that date, the reinsurance commutation calculations will now reflect valuations as of earlier periods than had been used previously. In addition, several factors remain to be decided in the Phase II arbitration hearing. One of the key factors is the interest rate to be used to reflect that NICA did not receive the commutation funds 84 months after the end of each birth year. Based on the arbitration panel's indication that the parties should be put in the position they would have been in had the reinsurer paid the commutation proceeds to NICA several years ago (e.g. investment adjustment applied to birth year 2002 from the evaluation date of December 31, 2009 through the date of commutation) an adjustment is now needed to accomplish this. That is, since the Phase I Panel Award specified the evaluation date of the calculation to be eighty-four months after the end of each birth year, an additional factor must now be applied to adjust for the investment income that NICA would have earned over the intervening period. It is our understanding this factor as well as other factors will be the subject of the Phase II hearings.

Additional factors to be decided that may impact the final commutation calculation include the specific mortality assumptions and adjustments to be used in the commutation calculation, determination of the relevant aggregate attachment points, and the amount of loss development to be included in the adjustment of case reserves to an ultimate basis. Since the final commutation calculation will be dependent on the final values selected for each of these primary assumptions, the ultimate commutation values may vary from those reflected in this report. The reinsurance recovery as shown in the current report reflects our best estimate with regard to the mortality adjustment, aggregate attachment and loss development adjustment but does not include any adjustment for the interest rate or investment income to be credited for the time period from the specified commutation date to the current report date.

The credited investment income will likely be a significant amount. NICA proposes the proper investment income to be credited should be comparable to the amount they earned over the relevant periods on all other invested assets since NICA would have invested the commutation proceeds in accordance with its investment strategies and asset allocations the same as other invested assets. It is our understanding the average annual investment returns realized by NICA over each of the two periods beginning December 31, 2009 and 2010 through December 31, 2017 was 7.49 % and 6.67 %, respectively. Since the actual amount to be credited will be decided in the Phase II hearing and since NICA has not included a factor for investment income in prior reports, that amount will be included in the calculation once it has been decided.

The assumptions incorporated into the other three factors (i.e. mortality, aggregate attachment point, and loss development) have been used in prior reports.

The attached exhibits summarizing the assumptions and calculations underlying the estimates as set forth in this report are to be considered an integral part of the report. Thus an accurate understanding of the conclusions as set forth in the report

is conditional upon an examination of both the text and the attached exhibits. Further, any distribution of this report should be provided in its entirety and with the understanding that we are available to answer questions with regard to the methods and assumptions underlying the conclusions herein.

Executive Summary

Overall, the outstanding loss and LAE (i.e. ALAE and ULAE) reserves after inflation and discount but prior to consideration of calculated reinsurance recoveries is \$835.7 million as of September 30, 2018 (see Exhibit I, Sheet 1a, Column (7)). This increased by \$3.30 million relative to the estimate as of June 30, 2018. The comparable estimate of outstanding loss and LAE reserves after consideration of calculated reinsurance recoveries is \$817.2 million (see Exhibit I, Sheet 4a, Column (12)). The change relative to the estimate shown in the prior report (i.e. June 30, 2018) is an increase of \$6.94 million. The comparable estimates of outstanding loss and ALAE reserves, excluding the consideration of ULAE reserves, are \$823.1 million and \$804.6 million, respectively.

Total case outstanding loss and ALAE reserves prior to adjustment for prospective inflation and discount increased by \$0.95 million during the quarter ending September 30, 2018. This includes an increase in case reserves of \$5.65 million related to new claims first reported during the quarter. Thus in the aggregate, case reserves established on claims reported prior to July 1, 2018 decreased by \$4.70 million relative to the case loss and ALAE reserves established as of June 30, 2018 (\$0.95 M minus \$5.65 M = (\$4.70 M)). The comparable estimate of case outstanding loss and ALAE reserves after inflation and discount increased by \$0.91 million during the quarter ending September 30, 2018.

The estimated ultimate loss and ALAE prior to reinsurance recoveries and after inflation and discount related to claims incurred in birth years 2017 and prior decreased by \$5.76 million relative to the estimates as set forth in the June 30, 2018 report. Due to the addition of another quarter, estimated ultimate loss and

ALAE related to birth year 2018 increased by \$13.49 million. In combination, the estimated ultimate loss and ALAE increased by \$7.73 million during the quarter ($(\$5.76 \text{ M}) + \$13.49 \text{ M} = \$7.73 \text{ M}$). Total loss and ALAE payments made during the quarter was \$4.34 million. Since estimated ultimate loss and ALAE increased by \$7.73 million and loss payments were \$4.34 million, the total outstanding loss and ALAE increased by \$3.39 million relative to the estimates as set forth in the June 30, 2018 report ($\$7.73 \text{ M} - \$4.34 \text{ M} = \$3.39 \text{ M}$).

The calculated reinsurance recoveries decreased by approximately \$3.64 million relative to the estimates as set forth in the June 30, 2018 report (from \$22.11 million to \$18.47 million). Since the estimated ultimate loss and ALAE prior to reinsurance recoveries increased by \$7.73 million and the reinsurance recoveries decreased by \$3.64 million, overall estimated ultimate loss and ALAE increased by \$11.37 million during the quarter ($\$7.73 \text{ M} - (\$3.64 \text{ M}) = \$11.37 \text{ M}$). Thus as mentioned above, since loss and ALAE payments during the quarter was \$4.34 million, the total outstanding loss and ALAE increased by \$7.02 million relative to the estimates as set forth in the June 30, 2018 report ($\$11.37 \text{ M} - \$4.34 \text{ M} = \$7.02 \text{ M}$). The overall change in estimates of ultimate loss and ALAE after inflation and discount during the quarter ending September 30, 2018 are shown in the following table.

Ultimate Loss & ALAE
After Inflation & Discount
Prior to Reinsurance Recoveries

Ultimate Loss & ALAE
After Inflation & Discount
After Reinsurance Recoveries

Birth Year	Ultimate Loss & ALAE After Inflation & Discount Prior to Reinsurance Recoveries			Ultimate Loss & ALAE After Inflation & Discount After Reinsurance Recoveries		
	@ 9/30/18	@ 6/30/18	Change (2) - (3)	@ 9/30/18	@ 6/30/18	Change (5) - (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	25,845,092	25,879,332	(34,240)	25,845,092	25,879,332	(34,240)
1990	12,742,158	12,755,448	(13,291)	12,742,158	12,755,448	(13,291)
1991	25,076,807	25,072,996	3,812	25,076,807	25,072,996	3,812
1992	48,103,830	48,114,672	(10,841)	47,626,455	47,637,297	(10,841)
1993	42,860,844	42,904,457	(43,613)	21,452,779	21,496,392	(43,613)
1994	19,014,182	19,040,052	(25,870)	16,863,974	16,889,844	(25,870)
1995	30,128,259	30,080,947	47,312	27,255,682	27,208,370	47,312
1996	28,470,590	28,416,853	53,737	27,102,117	27,048,380	53,737
1997	36,738,417	36,747,525	(9,107)	34,181,939	34,191,046	(9,107)
1998	61,769,301	61,774,583	(5,281)	59,086,163	59,091,444	(5,281)
1999	26,264,717	26,268,418	(3,701)	20,381,569	20,385,269	(3,701)
2000	19,620,389	19,614,424	5,965	17,327,137	17,321,171	5,965
2001	26,147,415	26,129,798	17,618	23,296,601	23,278,983	17,618
2002	62,778,310	62,800,935	(22,625)	46,737,695	43,122,639	3,615,056
2003	17,146,884	17,146,505	379	15,146,521	15,146,143	379
2004	25,232,663	25,232,568	94	25,232,663	25,232,568	94
2005	30,112,746	30,140,188	(27,442)	30,112,746	30,140,188	(27,442)
2006	45,516,458	45,552,745	(36,287)	45,516,458	45,552,745	(36,287)
2007	37,810,260	37,816,640	(6,380)	37,810,260	37,816,640	(6,380)
2008	46,322,483	46,296,752	25,730	46,322,483	46,296,752	25,730
2009	54,219,435	54,441,430	(221,994)	54,219,435	54,441,430	(221,994)
2010	25,895,174	25,964,145	(68,972)	25,895,174	25,964,145	(68,972)
2011	45,395,337	45,706,678	(311,342)	45,395,337	45,706,678	(311,342)
2012	28,274,163	28,429,536	(155,373)	28,274,163	28,429,536	(155,373)
2013	32,713,552	32,980,297	(266,745)	32,713,552	32,980,297	(266,745)
2014	45,250,812	45,623,726	(372,913)	45,250,812	45,623,726	(372,913)
2015	45,415,817	43,664,248	1,751,569	45,415,817	43,664,248	1,751,569
2016	29,396,355	35,187,720	(5,791,366)	29,396,355	35,187,720	(5,791,366)
2017	47,025,221	47,264,688	(239,468)	47,025,221	47,264,688	(239,468)
2018	37,891,214	24,400,150	13,491,063	37,891,214	24,400,150	13,491,063
Totals All	1,059,178,885	1,051,448,456	7,730,428	996,594,377	985,226,268	11,368,109
1989 - 2017	1,021,287,671	1,027,048,306	(5,760,635)	958,703,164	960,826,118	(2,122,954)

Loss and LAE reserve estimates referenced above include the separate estimation of loss and ALAE and ULAE reserves. A separate estimate of the ULAE reserve as of September 30, 2018 is developed on Exhibit I, Sheets 5a and 5b. The present value of the ULAE reserve estimate as of September 30, 2018 is \$12.63 million. The ULAE reserve estimate is comprised of two elements. The first (\$11.68 million) relates to the loss adjustment expense not allocated to a specific claim file that is associated with actual settlement of claims incurred prior to September 30, 2018. The second component (\$0.95 million) is related to anticipated expenses associated with the collection of reinsurance recoveries.

The loss and LAE reserves are shown in the attached Exhibit I, Sheet 1a are stated on a present value basis. Since current case reserves established by NICA in the case reserve worksheets are recorded on a current (2018) cost level basis, both case reserves and the bulk / incurred but not reported (IBNR) reserves as shown in Exhibit I, Sheets 1a and 1c (excluding the retrospective portion of the class action settlement) have been adjusted to include the estimated impact of inflation between the current (2018) evaluation date and the time at which actual payments are expected to be made by NICA. In addition, the payment stream after adjustment for inflation has been discounted to reflect an estimate of the investment income expected to be earned by NICA on assets representing the reserve funds, between the evaluation date of this report and the time period payments are expected to be made.

The final present value loss and LAE reserve estimates related to all expected NICA benefits prior to consideration of anticipated specific and aggregate excess reinsurance recoveries are shown in Exhibit I, Sheet 1a. These estimates are based on our selected estimates with regard to the prospective period inflation rates, investment income, the tail factor applicable to incurred loss development subsequent to 357 months and the payment pattern related to outstanding loss and LAE reserves for each birth year. The present value loss and LAE reserve estimate of \$835.7 million is shown in Column (7) of Exhibit I, Sheet 1a. The

reserve estimates as shown in Exhibit I, Sheet 1a include consideration of expected payments related to all NICA benefits. The estimated loss and LAE reserve estimates prior to consideration of the retrospective portion of the class action settlement agreement as described previously are shown in Column (7) of Exhibit I, Sheet 1c. The estimated amounts expected to be paid related to the retrospective portion of the class action settlement are shown in Exhibit I, Sheet 1b.

Alternative estimates of the direct (before reinsurance recoveries) basis loss and ALAE reserve based on variation in the inflation, interest rate and tail factor are shown in Exhibit I, Sheets 2b to 2f in order to illustrate the impact on the loss and ALAE reserve of changes in some of the underlying key assumptions. Exhibit I, Sheet 3 illustrates the estimated cash flow by year related to the estimated outstanding loss and ALAE reserve established as of September 30, 2018.

Actuarial Standards of Practice provide that a risk margin may be included in an unpaid claim estimate, and if it is, the risk margin and the basis for calculating it should be disclosed. As part of our determination of actuarially sound and appropriate reserve levels for NICA, we have determined an appropriate risk margin as described later in this report.

We recommend that NICA set the risk margin at a level no lower than \$73.5 million. This produces a confidence level of approximately 80% that the reserves held by NICA as of December 31, 2017 will equal reserve levels required at that date based on actual incurred losses emerging over the life of these claims. The risk margin indication is provided on an annual basis and is not updated quarterly.

Methodology

A change in procedure was included in our reports beginning with the September 2012 report. The change resulted in a segregation of the retrospective portion of the September 2012 class action paid and incurred amounts from other paid and incurred amounts. The retrospective portion of the class action is shown separately (Exhibit I, Sheet 1b) due to the short-term nature of these payments. As shown on Exhibit I, Sheet 1b, the majority of the payments related to retrospective portion of the class action have been made as of September 30, 2018.

The loss and LAE reserve amounts related to other than the retrospective portion of the class action are shown on Exhibit I, Sheet 1c. Specifically, the loss and LAE reserve amounts as set forth in Exhibit I, Sheet 1c and all following exhibits also described in the following text are based on information that excludes the retrospective portion of the class action settlement agreement shown in Exhibit I, Sheet 1b. The final reserve amounts shown in Exhibit I, Sheet 1a include both the retrospective portion shown in Exhibit I, Sheet 1b and the prospective portion of expenses that are included in the estimates shown in Exhibit I, Sheet 1c and the following exhibits.

As mentioned previously, the loss and LAE reserve estimates as shown in this report are adjusted to include the impact of prospective period inflation and anticipated investment income. The procedure used to estimate the loss and LAE reserves for all estimated NICA benefits, with the exception of those related to the retrospective portion of the class action settlement agreement, includes a three step process. This three step process is intended to explicitly recognize the impact of inflation and anticipated investment income. The first step is to adjust actual NICA historical paid and incurred loss development information to eliminate the historical impact of inflation on the paid and incurred loss development information. The actual historical incremental loss payments and case outstanding loss reserves are shown in Exhibit IX, Sheets 3a, 3b, and 3c, and Sheets 4a, 4b, and 4c, respectively. The historical loss payments and case reserve amounts are

adjusted to eliminate the estimated impact of inflation. The incremental loss payments and case outstanding loss reserves after adjustment to eliminate the impact of inflation are shown in Exhibit IX, Sheets 1a, 1b, and 1c, and Sheets 2a, 2b, and 2c, respectively. The paid and case reserve amounts shown on Exhibit IX, Sheets 1a, 1b, and 1c, and Sheets 2a, 2b, and 2c are adjusted to birth year cost levels. The birth year level paid and case outstanding amounts are used to develop the adjusted paid and incurred loss development triangles as shown in Exhibit VIII, Sheets 2a and 2b, and Exhibit VII, Sheets 2a and 2b, respectively.

The “second step” in the three step process is to adjust the birth year cost level estimates of outstanding loss and ALAE (see Exhibit IV, Sheet 1, Column (7)) to current (2018) cost levels. The adjustment of birth year level estimates of outstanding loss and ALAE related to all NICA benefits (except for the estimated retrospective portion of the September 2012 class action settlement) to 2018 cost level is shown in Exhibit III.

The final or “third” step in the three step loss reserve estimation process is to adjust the 2018 cost level loss reserve estimates referenced above to include the estimated impact of prospective inflation (2018 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 2017. The prospective period investment returns are selected based on the review of geometric averages for investment returns for a model portfolio invested per NICA’s current investment policy and for a conservative model portfolio over the period from 1926 to present as well as actual NICA investment returns over the period from 1991 to present. While the actual prospective period inflation rates and investment returns are subject to a significant degree of uncertainty the difference or increment between inflation and investment returns is of primary importance.

Based on a review of actual inflation and investment returns we selected an increment of one and one – half percent (1.50 %) and a prospective period inflation (combination of all items and medical services) rate of three and one-half (3.50%) percent. The indicated investment return percentage is then calculated to be five percent. In order to illustrate the impact on the loss reserve estimates of changes in the overall inflation and investment returns we also have included a range of estimates based on increments (average investment return minus average inflation rate) of one and two percent in addition to our selected estimate of one and one – half (1.50%) percent.

The loss and ALAE reserve estimates are developed based on the selected prospective period inflation rate, investment return and the assumed loss payment pattern for each birth year. The loss and ALAE payment patterns are developed separately for each birth year and are based on the estimated payments as shown in the NICA case reserve worksheets for the current open accepted claims. Due to the small number of open claims and the variability in the life expectancy for each claimant the payment patterns can vary by birth year. The estimated future period claim payments as shown in the NICA case reserve worksheets are all expressed at current (2018) cost levels. These prospective period claim payments are adjusted to include consideration of mortality on the prospective period loss and ALAE payment pattern. A summary of the estimated 2018 cost level payment patterns for each birth year are shown in Appendix A, Exhibit I, Sheets 1a, 1b, 2a, 2b, 3a, and 3b. An example of the calculation of the 2018 cost level payment pattern for the 1996 birth year is shown in Appendix A, Exhibit II, Sheets 1a, 1b, 2a, 2b, 3a, and 3b.

The loss reserves are developed based on a combination of the inflation rate, investment returns, estimated 2018 level loss and ALAE reserves by birth year and the assumed 2018 level payment pattern applicable to each birth year. The loss and ALAE reserves on a 2018 cost level basis, after prospective period inflation but before anticipated investment income and after prospective period inflation and

anticipated investment income are shown in columns (6), (7) and (8) of Exhibit I, Sheet 3, respectively.

Description of Loss Estimation Methods

The birth year level paid and incurred loss development triangles (i.e. after adjustment to eliminate the impact of inflation) are used to develop estimates of ultimate losses for each birth year. The historical NICA inflation rates used to restate actual NICA loss and ALAE payments and case outstanding amounts are estimated separately for loss and ALAE payments and case outstanding amounts. The estimated NICA inflation rates are shown in Exhibit IX, Sheets 8a, 8b and 8c on both a paid and case outstanding basis. Additional information related to the calculation of the historical NICA inflation rates is shown in Appendix B.

The estimated ultimate loss and ALAE by birth year related to all NICA benefits except for the retrospective portion of the class action settlement are selected based on the review of six loss estimation methods. The six methods used in the development of estimated birth year level ultimate loss and ALAE include two traditional loss development methods (i.e. paid and incurred loss projections), a frequency / severity method, the Bornhuetter – Ferguson (BF) method, a Cape Cod method, and an incremental payment method. The final indicated ultimate loss and ALAE based on each method in addition to the final selected birth year level estimates are shown in Exhibit IV, Sheet 2.

The projection methods (shown in Sheet 1 of Exhibits VII and VIII) are based on the review of historical NICA paid and incurred loss development (after elimination of the impact of inflation) for a given birth year. The loss and ALAE payment and reporting patterns experienced for the more mature birth years are used in order to estimate expected future development applicable to the more immature birth years.

The frequency / severity method shown in Exhibit VI, Sheet 1 is based on the estimation of the average claim size and the estimated ultimate number of

accepted claims excluding the deceased claims when reported to NICA for each birth year. Specifically, the average claim size for each birth year is calculated as a weighted average of the average claim size shown for each individual birth year and the average claim size developed based on all birth years combined. In the more recent birth years, relatively greater weight is provided to the average claim size developed for all years combined.

The Bornhuetter – Ferguson method summarized in Exhibit V is a combination of the actual birth year level incurred loss and ALAE as of September 30, 2018 (shown in column (5)) and estimated unreported loss and ALAE (shown in column (4)). The unreported loss and ALAE is developed using the loss reporting pattern developed based on the NICA incurred loss and ALAE development triangle shown in Exhibit VII, Sheets 2a and 2b and the estimated initial expected loss and ALAE by birth year based on the results of the frequency / severity method shown in Exhibit VI, Sheet 1, column (14).

The Cape Cod method shown in Exhibit VI, Sheet 2 is based on the estimated NICA exposure levels (i.e. insured physicians) by birth year, the estimated NICA loss reporting pattern and the actual NICA birth year level incurred loss and ALAE. An estimate of the 2018 level NICA pure premium is calculated by dividing the 2018 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 2018 level NICA pure premium is adjusted to the historical birth year level cost basis and then used to estimate the unreported loss and ALAE for each birth year (column (10)). The indicated birth year level ultimate loss and ALAE is based on a combination of the unreported loss and ALAE shown in column (10) and the actual reported loss and ALAE shown in column (3).

The final method included is described as an incremental payment method. The estimated birth year level ultimate loss and ALAE developed using this method is shown in Appendix E. The birth year level estimates of ultimate loss and ALAE as

shown in columns (6), (7) and (8) of Appendix E, Exhibit I, Sheet 1 are based on alternative technology (utilization) increases of 1.00%, 2.00% and 3.00%, respectively. The estimated birth year level ultimate loss and ALAE is a combination of actual loss and ALAE payments as of September 30, 2018 adjusted to each birth year cost level and an estimate of the remaining birth year level loss and ALAE payments (i.e. outstanding loss and ALAE as of September 30, 2018). The estimated remaining birth year level payments are developed based on a combination of the remaining open accepted claimants by birth year and the estimated average incremental loss and ALAE payment per claimant.

The estimated incremental loss and ALAE payment per claimant is based on a review of the average NICA incremental loss and ALAE payments by development period. The actual incremental loss and ALAE payments are adjusted to 2018 level and used to estimate the average incremental payment per open accepted claim by development period (See Appendix E, Exhibit IV, Sheets 3a and 3b). The selected 2018 level average incremental loss and ALAE payments for development periods 357 months and subsequent are based on the actual averages for development periods prior to 357 months adjusted to include consideration of estimated changes in utilization (alternatives of 1.00%, 2.00% and 3.00%). The final 2018 level average incremental loss and ALAE payment per open claim is shown in Appendix E, Exhibit II, Sheet 1 (or Appendix E, Exhibit IV, Sheets 1a and 1b).

The selected 2018 level incremental loss and ALAE payment per claimant for each development interval is adjusted to the appropriate birth year level (as shown in Appendix E, Exhibit II, Sheet 3, Column (5)) and also to include differences in the average claimant severity by birth year (as shown in Appendix E, Exhibit II, Sheet 2, Column (5)). The estimated remaining open accepted claims by birth year and development period are based on a combination of the ultimate open accepted claimants by birth year as of September 30, 2018 (see Appendix E, Exhibit II, Sheet 3, Column (8)), reporting pattern (as shown in Exhibit X, Sheet 1c, Column

(11)), and assumed mortality rates (see Appendix E, Exhibit V, Sheets 1a, 1b, 2a, and 2b) developed using the average remaining life expectancy per open accepted claim (see Appendix E, Exhibit VII, Column (9)) for each birth year.

The estimated average remaining life expectancy per birth year is shown in Appendix E, Exhibit VII, Column (9). The remaining open accepted claimants by birth year and development period are shown in Appendix E, Exhibit III, Sheets 3a through 3g. The remaining birth year level incremental loss and ALAE payments are developed as a product of the average 2018 level incremental payments per claimant adjusted to each birth year cost / severity level and the remaining open accepted claims. The resulting estimated remaining birth year level incremental loss and ALAE payments are shown in Appendix E, Exhibit III, Sheets 1a through 1g. A summary of the combination of the actual birth year level payments as of September 30, 2018 and the estimated remaining payments is shown in Appendix E, Exhibit I, Sheet 1.

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

1. Incurred Loss Development Factor – 357 months to Ultimate
2. Prospective Period Average Inflation Rate
3. Prospective Period Average Investment Return
4. Loss and Loss Adjustment Expense Payment Pattern

The loss and LAE (ALAE and ULAE) reserve estimates based on our selected estimate for each of the first three assumptions are shown in Exhibit I, Sheet 1a. In order to illustrate the impact of changes in these assumptions on the NICA loss reserve estimate we have provided a summary of alternative loss reserve estimates based on changes to each of these three assumptions. As mentioned previously the actual inflation rates and investment returns are not as critical as the difference in these two rates. A summary of the overall loss and ALAE (excluding

ULAE) reserve estimates based on several alternative assumption sets is shown below. Our actuarial central estimate is shown in Exhibit I, Sheet 2a and also shown in the first line of the following table.

Inflation Rate	Investment Return	Tail Factor 357:Ult.	Present Value Outstanding Loss and ALAE Reserve in Million (\$)
-----	-----	-----	-----
3.50%	5.00%	1.099	\$823.077
3.00%	5.00%	1.099	\$744.725
4.00%	5.00%	1.099	\$914.718
7.50%	9.00%	1.099	\$832.468
3.50%	5.00%	1.199	\$915.308
3.50%	5.00%	1.000	\$732.116

As mentioned previously and illustrated above the final present value loss and ALAE reserve estimated for the period ending September 30, 2018 is sensitive to each of the four assumptions described previously. The most significant factors are the relationship between the anticipated inflation and investment income rates, the magnitude of the incurred loss development tail factor and the payment pattern applicable to each birth year. Due to the prospective nature of each of these assumptions any estimate is subject to uncertainty. In addition the lack of comparable insurance industry data for use as a benchmark in the selection of the loss development factor and payment pattern coupled with the long term over which payments are expected to be made creates levels of potential variation in excess of that normally experienced for usual long tailed lines of business. The

remainder of this report summarizes the approach we have used in an effort to develop an estimate for each of these key assumptions.

The loss and allocated loss adjustment expense (ALAE) reserve estimates as developed in Exhibit II, Sheet 1 and subsequent do not include a provision for unallocated loss adjustment expense (ULAE) reserves. ULAE reserves are intended to cover anticipated loss adjustment expenses not covered in the loss and ALAE reserve estimates.

A summary of the procedure used in the estimation of the ULAE reserve is shown in Sheets 5a and 5b of Exhibit I. The total ULAE reserve as shown in item III of Exhibit I, Sheet 5a is made up of two components. The calculation of the ULAE reserve related to specific claims administration and settlement expenses for claims incurred prior to September 30, 2018 is shown in Exhibit I, Sheet 5b. 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 second component of the overall ULAE reserve is related to anticipated expenses related to the collection of recoveries under reinsurance treaties covering birth years 1999 through 2003. The current estimate of these expenses is based on a current estimated average annual expense of \$950,000 and an estimated duration for the recovery process of one year (Exhibit I, Sheet 5a, Item II). The total ULAE reserve as shown in Item III of Exhibit I, Sheet 5a of \$12.63 million is the combination of the portion related to claim settlement (\$11.68 million) and portion related to the collection of outstanding reinsurance recoveries on claims incurred during birth years 1999 through 2003 (\$0.95 million).

The prospective period inflation rate of three (3%) percent is selected to project anticipated ULAE expense payment as opposed to the three and one-half (3.5%)

percent inflation rate selected to inflate loss and ALAE reserve. The somewhat lower inflation rate is based on the greater concentration of general and administrative expense expected for prospective period ULAE payments.

The mortality adjustment is developed based on current estimates of remaining life expectancy as included in the current NICA reserve worksheets. The final mortality adjustment is a blended average of average mortality assumptions for each birth year.

Historical NICA Inflation

In order to measure NICA's historical inflationary increases in claims costs, we began by segregating NICA's claim costs into major claim cost groups. The following expense groups were identified:

- Family Residential or Custodial Care
- Nursing Care by Others
- Legal Costs
- Parental Awards
- Medical Expenses
- Other

Each of these major expense groups were then examined separately for inflationary impacts. For example, relative to nursing care, we tracked the hourly cost of nursing care as paid by NICA since the program began in 1989.

An increase in the hourly rate for most parents providing care occurred in June 2008. The increase in the hourly rate for most parents effective in June, 2008 (from \$9.70 per hour to \$15.00 per hour) resulted in cost under the expense category Nursing Care By Parents as shown on Appendix B, Exhibit I, Sheets 1, 2, and 3. Some of the major expense groups' inflation rates were estimated using CPI indices.

In addition, the daily rates used to estimate the future cost of custodial residential care were revised in December 2004, 2006, and 2012. The reserves for custodial residential care apply in the later years when the parents of NICA claimant have reached an age where they are no longer able to provide the level of care required. This change in the daily rate effectively results in the recognition of inflation that has taken place over a number of years related to the cost of custodial residential care. Since currently there are only two claims with current custodial residential care payments, this increase primarily affects case reserves. The estimated increase in the cost of custodial care recorded in 2004, 2006 and 2012 is 40%, 40%, and 95%, respectively.

We tabulated the total payments and case outstanding reserves by fiscal year for each of the major expense group. By far the largest expense category is nursing care with approximately forty-five percent of the total payments and eighty percent of the outstanding case reserves based on information provided for the period ending September 30, 2018. 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 (2018) with the only major increase occurring during 2008 and 2009. This inflation rate does not include increases related to increased utilization of certain types of nursing and custodial care or increases in longevity relative to the initial estimates. These increases are reflected in the loss development triangles and are assumed to continue although at a decreasing rate as indicated by the declining loss development factors in the later development periods.

Prospective NICA Inflation

Future inflation is estimated as a differential to various consumer price indices depending on the type of expense. The largest category, nursing expense is

assumed to increase at approximately one to two percent above the CPI – all indices annual increase. The overall average annual NICA inflation rate is estimated to be 1.00 to 2.00 percent above the CPI – All items index. We are assuming a 2.00 % increase in CPI – All items currently which gives a current estimate of inflation of 3.50 %.

Discount Rate

Because of the long term nature of the liabilities of NICA it is reasonable to base discount rates to be used in the determination of NICA's reserve liabilities on a conservative estimate of investment returns likely to be realized on NICA's assets over a long term horizon. In determining assumptions for inflation and discount rates, we begin with the consumer price index for all items and determine anticipated inflation and discount rates based on long term relationships to the consumer price index.

The discount rate assumption is selected based on reasonable expectations for a prudent, conservative investment strategy. Appendix B, Exhibit II, Sheets 1 and 2 show the change in the CPI all items index as compared to returns for various classes of investments from 1926-2017. Specifically, we have examined returns for both large and small company stocks, long and intermediate government bonds, and treasury bills. These indices are taken from Ibbotson's 2009 SBBI Classic Yearbook and updated based on recent Federal Reserve data and U.S. Bureau of Labor Reports. We then calculated estimates of the overall return based on two "model" portfolios. One model portfolio is based on an asset allocation of 44% stocks and 56% fixed income. This model portfolio is labeled Model Portfolio (as shown in Column (13) of Appendix B, Exhibit II, Sheets 1 and 2). The second model portfolio is based on an asset allocation of 35% stocks, 60% bonds and 5% short term. This model portfolio is labeled Conservative Model Portfolio (as shown in Column (14) of Appendix B, Exhibit II, Sheets 1 and 2).

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 2010-2017.

Overall, the results of the two model portfolios over ten year periods average from 0 % to 10 % above the CPI - All items index. Actual results for NICA were also calculated for the period 1991-2017. NICA's actual results were adversely affected by the dramatic decline in the stock market in 2008. Overall NICA's actual returns over the period from 1991 to 2017 have averaged approximately 3.7% above the CPI – All items index.

Based on this analysis, we recommend that the discount rate used in the discounting of NICA's reserve liabilities ranges from 2 % to 4 % above the CPI - All items index. In our current reserve calculations we have assumed a 3.0 % spread to the CPI - All items index. Based on a current selected CPI – All items inflation rate of two percent this produces a discount rate of 5.0 %. The 5.0 % appears to be reasonable based on NICA's actual average investment returns for the last twenty years and based on the long term average as indicated for the Conservative model portfolio.

It should be noted that in valuing NICA's reserve liabilities, the spread between inflation and interest rates is the key variable rather than the nominal values of each. Here we have assumed a 1.50 % spread between the medical inflation rate and the investment rate. So at current levels of inflation and interest, this produces an assumption of 3.50 % for inflation and 5.00 % for interest income. If it turns out to be 5.00 % inflation and 6.50 % interest income, this has a minimal impact on the overall reserve levels. It is the spread between these two key factors that is the critical variable.

Payment Pattern

The selection of the appropriate payment pattern is required to adjust current (2018) level loss reserves for both the estimated impact of future inflation and the consideration of anticipated investment income. The selected payment pattern has a significant impact on the final present value loss and loss adjustment expense reserve. Due to the long term nature of the NICA liabilities changes in the estimated payment pattern will likely evolve over time as additional NICA payment experience emerges.

The current selected loss and ALAE payment pattern varies by birth year and is based on a combination of the of the actual loss and ALAE payments made to date and the estimated future loss and ALAE payments as shown in the NICA case reserve worksheets. The estimated future loss and ALAE payments shown in the NICA case reserve worksheets are stated on current (2018) loss and expense levels. The estimated future loss and ALAE payments shown in these worksheets are adjusted to reflect the estimated impact of mortality. The survival probabilities used in this adjustment are based on the life expectancy as established by the NICA designated consulting physician. A slight change was made beginning December 31, 2013 in the life expectancies used in the development of the case reserve worksheets. The change is related to the claimants whose life expectancy remained the same based on the current review in comparison to the life expectancy established in the prior review by NICA's consulting physician. For these claimants the estimated remaining life expectancy was adjusted to account for the reduction in life expectancy that would be expected for one additional year of survival.

An example of the procedure used to estimate the payment pattern for birth year 1996 is shown in Appendix A, Exhibit II, Sheets 1a, 1b, 2a, 2b, 3a, and 3b. As described above the payment pattern selected for the 1996 birth year is based on a combination of loss and expense payments made to date relative to the estimated ultimate loss and expense and the estimated future loss and ALAE

payment based on the individual case reserve worksheets (adjusted for the probability of survival). A summary of the development of the remaining estimated payout percentages for the case reserve portion of the six open claims with reserve worksheets for the 1996 birth year is shown in Appendix A. The reserve payment pattern is combined with the actual payment pattern (1996 to 2018) to develop a full payment pattern for the 1996 birth year.

This process is repeated for each birth year and the resulting payment patterns are used for the birth years 2009 and prior. Alternatively, the loss and ALAE payment pattern used for birth years 2010 and subsequent is based on an average of the individual loss and ALAE payment patterns developed for 2009 and prior. The average payment pattern is used for the more recent birth years due to the relative immaturity of the case reserve estimates of the more recent birth years.

Incurred Projection Cumulative Development Factor

Due to the lack of available incurred loss and expense development information subsequent to 357 months of maturity (1989 birth year evaluated as of September 30, 2018) and the likelihood of continued incurred loss and expense development in the development periods subsequent to 357 months, we developed an estimate of the remaining future loss development (tail factor) excluding the impact of anticipated inflation. The estimated incurred development factor as developed in Appendix C is intended to capture the incurred loss development over the remaining life of the NICA claims.

The approach selected to estimate the remaining incurred loss and loss expense development is to fit an inverse power curve to the weighted average development factors (after adjustment to remove the estimated impact of inflation) as shown in Exhibit VII, Sheet 2b. Fitted tail factors for the period from 357 to 621 months are developed based on alternative fits to factors beginning with the 57:69, 69:81 and 81:93 month factors shown in Exhibit VII, Sheet 2b. Fitted tail factors are developed based on the use of the alternative selections of the values to include in

the least squares fit to the inverse power curve that range from the first eleven factors to the first five factors beginning with the 57:69, 69:81 and 81:93 month factors. A summary of the indicated 357 to ultimate incurred loss and expense tail factors based on the alternative inverse power curve fitted values as well as the final selected incurred loss and expense development factor of 1.099 is shown in Appendix C, Exhibit I.

An illustration of the development of fitted values and the calculation of the indicated 357 months to ultimate tail factor is shown for one of the alternatives in Appendix C, Exhibit II, Sheets 1 and 2. The development of the fitted values for this one illustration is shown in Appendix C, Exhibit II, Sheet 1. The indicated tail factor is based on the extrapolation of the fitted factors for an additional twenty-three years (a rough estimate of the remaining life expectancy of NICA claimants that have or will attain the age of twenty-nine). The extrapolated factors are shown for this one illustration in Column (7) of Appendix C, Exhibit II, Sheet 2.

Risk Margin

Actuaries using a discounted property/casualty loss and loss adjustment expense reserve may include an appropriate risk margin. As part of our determination of actuarially sound and appropriate reserve levels for NICA, we have determined a risk margin to include consideration of the process variation in the aggregate loss and LAE reserve shown in this report.

In order to determine an appropriate risk margin, we used a simulation model that simulates the ultimate payments of open claims. Twenty-nine years of data were incorporated into the model (1989-2017). The data is based upon the actual claim count and claim payments reported by year to NICA, as well as estimated ultimate loss reserves and claim counts. The model is a frequency / severity model where the number of unpaid claims is first modeled and then the severity for each open claim is simulated. For years 1989 to 2012 the open claim count per year is fixed since there is a five year reporting requirement for claims to be made (prior to the

1995 birth year the claim reporting requirement was seven years). For the five years from 2013 to 2017, the number of claims per year is randomly generated based upon accepted claims reported to date and an estimate of the unreported claims. Once the number of claims is determined the severity of each individual open claim is then randomly simulated. The simulated severities are tested to be consistent with the estimated outstanding losses divided by the open claims. Losses for each year are simulated and summed across all twenty-nine years to determine the aggregate losses for all years.

We ran 10,000 iterations to develop a distribution of aggregate losses. In order to determine the risk margin we calculate the mean loss and the losses at various percentiles. The losses at the percentiles are then compared to the mean to determine a risk margin factor. The risk margin factors are then multiplied by the expected reserves calculated based on an assumed inflation rate of 3.50 % and an interest rate of 5.00 % to determine the corresponding risk margin at each percentile.

In our work for self insured entities, we have found that most prudent self-insured's use a risk margin determined at a confidence level varying from 75 to 90%. In the past, NICA has used a contingency reserve developed at approximately the 75% to 80% confidence level. Updating the calculation through December 31, 2017, the current gross risk margin of \$73.5 million produces a confidence level of approximately 80%. We recommend that NICA set the risk margin at a level no lower than \$73.5 million. This produces a confidence level of approximately 80% that the reserves held by NICA will be adequate to cover its future incurred loss and loss adjustment expense levels for birth years from 1989 to 2017. The following table shows the indicated gross risk margins at various confidence levels as of December 31, 2017.

Confidence Level -----	Indicated Gross Risk Margin -----
70.0%	\$ 43.57 Million
75.0%	\$ 56.99 Million
77.0%	\$ 62.69 Million
78.0%	\$ 66.04 Million
79.0%	\$ 69.48 Million
80.0%	\$ 72.13 Million
85.0%	\$ 91.18 Million
90.0%	\$ 114.30 Million
95.0%	\$ 151.10 Million

The above calculated risk margins include consideration of potential adverse deviation from the discounted actuarial central reserve estimate due to process variation in the overall claim amounts (i.e. frequency and severity). The above margin does not include consideration of potential deviation due to parameter variation, including the variation in the inflation and investment parameters used in the calculation of NICA loss reserves.

Reinsurance Recoveries

NICA purchased reinsurance coverage excess of specific and aggregate attachments related to claims incurred during birth years from 1992 to 2003. The reinsurance coverage related to birth years 1992 and 1993 was commuted in 1998 and 2006, respectively. Recently reinsurance treaties provided by AUL/RMS, the reinsurer for birth years 1994 to 1998, and Munich Re, the reinsurer providing the specific excess coverage and aggregate excess coverage above \$ 23.0 million for birth years 1999 to 2001 were commuted. NICA received \$ 10.0 million and \$ 10.6 million in January 2013 from AUL/RMA and Munich Re, respectively for the commutation of specific and aggregate excess coverage provided under the two sets of reinsurance treaties. These agreed commutation amounts have been allocated to each respective birth year based on the previously estimated recovery amounts. The remaining outstanding reinsurance treaties were issued by Gen Re and provide aggregate excess coverage only for birth years 1999 to 2001 (\$3.0

million excess of \$20.0 million) and provide specific and aggregate excess coverage for claims incurred during birth years 2002 and 2003. The commutation of the Gen Re treaties is currently subject to arbitration hearings. Recently a Panel Award was issued related to Phase I of the arbitration hearings.

The estimates as shown in the current report related to the Gen Re reinsurance recoveries reflect changes in the procedure used in prior reports in response to the findings set forth under the Phase I Panel Award. The primary findings of the Phase I Panel Award addressed the order of application of limits and the discounting of losses, the applicability of loss development, mortality adjustments and the valuation date of the commutation calculation. However, specific factors and assumptions to be utilized in these calculations will be addressed in Phase II hearings. The primary changes to the commutation calculations in the current report relative to the procedures used in reports evaluated as of September 30, 2017 and prior are as follows:

1. A change in the order of application of the limits and attachments and the discounting of the estimated loss payments. Previously expected losses were inflated and discounted prior to application of attachments and limits but as a result of the recent arbitration findings the current procedure with regard to the specific excess coverage is to inflate then apply the attachments and limits then discount.
2. The valuation date of the loss information and the date to which the resulting values are discounted has been determined to be eighty-four months after the expiration date of each birth year. The commutation calculations shown in the prior reports were based on current losses and used the report date as the valuation date.

As mentioned previously in this report, the arbitration panel specified that the reinsurance commutation calculation should be based on the loss information

evaluated as of eighty-four months after expiration of each birth year (e.g. as of December 31, 2009 for birth year 2002) but the procedure and interest rate to be used in the adjustment from the commutation date (e.g. December 31, 2009) to the current date will be addressed in Phase II. In prior reports evaluated as of September 30, 2017 and prior, the commutation calculations were based on the current loss information and also the calculation evaluation date was the same so no adjustment was required to incorporate interest or investment return to the current date (e.g. September 30, 2018). The Panel Award specified an adjustment should be made to put the parties in the same position they would have been in had the commutations taken place on the specified date. NICA's position is if the funds had been received as of the commutation dates they would have been invested in the same manner as other NICA invested assets so the appropriate investment rate of return would be the actual average investment rate of return realized by NICA over the intervening period (e.g. December 31, 2009 to September 30, 2018 for birth year 2002). The actual average annual NICA investment return for the period from December 31, 2009 to December 31, 2017 was 7.49 % and the comparable average annual return over the period from December 31, 2010 to December 31, 2017 was 6.67%. However, since the actual investment rate to be used in the adjustment will be decided in the Phase II hearing, the reinsurance commutation calculation shown in the current report is before any adjustment for the investment return over the period from the commutation date calculation to the current evaluation date.

A summary of the actual reinsurance recoveries and the estimated reinsurance recoverables related to both the specific and aggregate excess reinsurance purchased by NICA is shown in Exhibit I, Sheet 4c. The final amounts that will actually be recovered under the Gen Re reinsurance treaties may vary from the estimates as shown in Exhibit I, Sheets 4a, 4b and 4c. To the extent the final amounts collected vary from the amounts calculated and shown in Exhibit I, Sheets 4a, 4b and 4c, the net retained loss and expense reserves evaluated as of September 30, 2018 will require adjustment.

Summary of Estimated Outstanding Loss & Expense
Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income

Prior to Consideration of Reinsurance Recoveries / Recoverables
Evaluated As of September 30, 2018

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 357 to Ult.	1.099

Birth Year	Current Level Before Inflation and Present Value Adjust.			Loss & Expense - After Inflation and Present Value Adjustment			Selected Ultimate Loss and Expense Present Value Basis (4) + (7)
	Case (a)	Total (a)	Actual (b)	Case (a)	Incurred But Not Reported (IBNR) & Bulk	Total (a)	
	Outstanding	Outstanding	Paid Loss and Expense	Outstanding	(7) - (5)	Outstanding	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	10,873,028	14,445,520	14,568,168	8,488,051	2,788,873	11,276,924	25,845,092
1990	5,847,755	7,867,827	6,231,108	4,839,332	1,671,718	6,511,049	12,742,158
1991	18,413,777	21,011,346	9,168,982	13,941,190	1,966,636	15,907,825	25,076,807
1992	36,541,975	42,647,664	15,283,783	28,121,337	4,698,710	32,820,047	48,103,830
1993	24,128,955	30,086,997	20,111,733	18,244,170	4,504,941	22,749,111	42,860,844
1994	13,051,776	16,104,475	7,412,148	9,402,800	2,199,234	11,602,034	19,014,182
1995	22,090,018	25,879,640	10,440,241	16,805,051	2,882,967	19,688,018	30,128,259
1996	20,555,306	24,465,345	9,515,385	15,925,793	3,029,411	18,955,205	28,470,590
1997	27,335,868	32,798,272	12,410,847	20,275,922	4,051,647	24,327,570	36,738,417
1998	46,871,321	55,436,501	20,802,716	34,637,070	6,329,515	40,966,585	61,769,301
1999	14,308,861	18,031,757	12,161,310	11,191,571	2,911,836	14,103,407	26,264,717
2000	15,143,361	17,972,904	6,117,502	11,377,468	2,125,419	13,502,887	19,620,389
2001	21,306,261	24,509,156	7,722,186	16,017,391	2,407,838	18,425,229	26,147,415
2002	53,117,027	62,828,112	15,959,583	39,582,147	7,236,580	46,818,727	62,778,310
2003	13,464,395	15,849,102	4,580,097	10,675,948	1,890,839	12,566,787	17,146,884
2004	22,873,944	27,332,803	5,061,102	16,880,931	3,290,630	20,171,561	25,232,663
2005	24,789,315	31,848,652	7,500,169	17,600,441	5,012,136	22,612,577	30,112,746
2006	39,580,958	49,861,850	8,808,082	29,139,567	7,568,809	36,708,376	45,516,458
2007	28,860,329	37,798,289	9,458,472	21,647,592	6,704,196	28,351,788	37,810,260
2008	46,946,153	58,603,096	5,546,968	32,664,718	8,110,798	40,775,515	46,322,483
2009	51,533,017	65,525,346	6,912,321	37,205,120	10,101,995	47,307,115	54,219,435
2010	25,384,185	33,202,130	2,816,409	17,644,520	5,434,245	23,078,765	25,895,174
2011	43,201,851	59,736,202	4,219,957	29,778,468	11,396,911	41,175,380	45,395,337
2012	25,990,243	37,490,503	2,630,557	17,777,397	7,866,209	25,643,606	28,274,163
2013	27,047,006	42,895,571	3,589,637	18,363,544	10,760,371	29,123,915	32,713,552
2014	34,257,084	61,132,346	3,975,219	23,129,842	18,145,752	41,275,594	45,250,812
2015	34,650,690	64,450,394	2,116,426	23,279,203	20,020,188	43,299,391	45,415,817
2016	6,492,171	43,154,910	546,357	4,340,157	24,509,840	28,849,997	29,396,355
2017	6,647,785	69,993,149	428,942	4,425,605	42,170,674	46,596,279	47,025,221
2018 (9 Mo)	5,334,628	57,281,161	5,372	3,528,331	34,357,511	37,885,842	37,891,214
Totals:							
Excl. ULAE	766,639,043	1,150,241,019	236,101,778	556,930,675	266,146,432	823,077,107	1,059,178,885
ULAE (c)	N/A	N/A	N/A	-	12,634,151	12,634,151	N/A
Incl. ULAE	N/A	N/A	N/A	556,930,675	278,780,583	835,711,258	N/A

Notes: (a) Exhibit I, Sheet 1c plus Column (4) of Exhibit I, Sheet 1b. The estimates shown on Exhibit I, Sheet 1c are prior to inclusion of the reserve estimate for the retrospective portion of the class action settlement. Exhibit I, Sheet 1 b summarizes the estimated reserves related to the retrospective portion of the class action.
 (b) See Exhibit I, Sheet 1c, Column (4) plus Exhibit I, Sheet 1b, Column (3).
 (c) See Exhibit I, Sheet 5a. ULAE reserve estimates are developed based on an assumed expense inflation rate of three percent and investment return of five percent.

Summary of Case Reserves Related to Retroactive Portion of Class Action Settlement Agreement

Evaluated As of September 30, 2018

Birth Year	Incurring Amounts Related to Retroactive Payments (a) @ 9/30/18	Amounts Paid as of 9/30/18 Related to Retroactive Payments (a)	Case Reserves Related to Retroactive Payments (a) @ 9/30/18 (2) - (3)
(1)	(2)	(3)	(4)
1989	261,214	261,214	-
1990	758,051	758,051	-
1991	792,094	792,094	-
1992	1,951,145	1,951,145	-
1993	910,230	910,230	-
1994	634,196	634,196	-
1995	910,904	910,904	-
1996	797,021	797,021	-
1997	1,624,160	1,624,160	-
1998	2,006,630	2,006,630	-
1999	873,581	873,581	-
2000	599,907	589,907	10,000
2001	115,547	115,547	-
2002	840,587	840,587	-
2003	-	-	-
2004	-	-	-
2005	-	-	-
2006	-	-	-
2007	-	-	-
2008	-	-	-
2009	-	-	-
2010	-	-	-
2011	-	-	-
2012	-	-	-
2013	-	-	-
2014	-	-	-
2015	-	-	-
2016	-	-	-
2017	-	-	-
2018 (9 Mo)	-	-	-
Totals:	13,075,266	13,065,266	10,000

Note: (a) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action settlement. The reserve estimates for the retrospective portion of this class action are excluded from the NICA reserve estimates as developed in Exhibit I, Sheet 1c and subsequent. The total reserves as shown in Exhibit I, Sheet 1a include both the retrospective estimates shown above plus the estimates for all prospective amounts.

Summary of Estimated Outstanding Loss & Expense

Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income

Prior to Consideration of Reinsurance Recoveries / Recoverables - Prior to Inclusion of Retrospective Portion of Class Action
Evaluated As of September 30, 2018

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 357 to Ult.	1.099

Excludes Case Reserves Related to Anticipated Retroactive Class Action Payments (a)

Birth Year	Current Level Before Inflation and Present Value Adjust.		Loss & Expense - After Inflation and Present Value Adjustment				Selected Ultimate Loss and Expense Present Value Basis (4) + (7)	Average Inflation & Present Value Factor (7) / (3)	
	Case (b) Outstanding	Total (b) Outstanding	Actual (b) Paid Loss and Expense	Case (c) Outstanding (2) X (9)	Incurred But Not Reported (IBNR) & Bulk (7) - (5)				Total (c) Outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1989	10,873,028	14,445,520	14,306,954	8,488,051	2,788,873	11,276,924	25,583,878	0.78065	
1990	5,847,755	7,867,827	5,473,057	4,839,332	1,671,718	6,511,049	11,984,107	0.82755	
1991	18,413,777	21,011,346	8,376,888	13,941,190	1,966,636	15,907,825	24,284,713	0.75711	
1992	36,541,975	42,647,664	13,332,638	28,121,337	4,698,710	32,820,047	46,152,685	0.76956	
1993	24,128,955	30,086,997	19,201,504	18,244,170	4,504,941	22,749,111	41,950,614	0.75611	
1994	13,051,776	16,104,475	6,777,952	9,402,800	2,199,234	11,602,034	18,379,986	0.72042	
1995	22,090,018	25,879,640	9,529,337	16,805,051	2,882,967	19,688,018	29,217,355	0.76075	
1996	20,555,306	24,465,345	8,718,364	15,925,793	3,029,411	18,955,205	27,673,569	0.77478	
1997	27,335,868	32,798,272	10,786,687	20,275,922	4,051,647	24,327,570	35,114,257	0.74173	
1998	46,871,321	55,436,501	18,796,087	34,637,070	6,329,515	40,966,585	59,762,672	0.73898	
1999	14,308,861	18,031,757	11,287,729	11,191,571	2,911,836	14,103,407	25,391,136	0.78214	
2000	15,133,361	17,962,904	5,527,595	11,367,468	2,125,419	13,492,887	19,020,482	0.75115	
2001	21,306,261	24,509,156	7,606,639	16,017,391	2,407,838	18,425,229	26,031,868	0.75177	
2002	53,117,027	62,828,112	15,118,996	39,582,147	7,236,580	46,818,727	61,937,723	0.74519	
2003	13,464,395	15,849,102	4,580,097	10,675,948	1,890,839	12,566,787	17,146,884	0.79290	
2004	22,873,944	27,332,803	5,061,102	16,880,931	3,290,630	20,171,561	25,232,663	0.73800	
2005	24,789,315	31,848,652	7,500,169	17,600,441	5,012,136	22,612,577	30,112,746	0.71000	
2006	39,580,958	49,861,850	8,808,082	29,139,567	7,568,809	36,708,376	45,516,458	0.73620	
2007	28,860,329	37,798,289	9,458,472	21,647,592	6,704,196	28,351,788	37,810,260	0.75008	
2008	46,946,153	58,603,096	5,546,968	32,664,718	8,110,798	40,775,515	46,322,483	0.69579	
2009	51,533,017	65,525,346	6,912,321	37,205,120	10,101,995	47,307,115	54,219,435	0.72197	
2010	25,384,185	33,202,130	2,816,409	17,644,520	5,434,245	23,078,765	25,895,174	0.69510	
2011	43,201,851	59,736,202	4,219,957	29,778,468	11,396,911	41,175,380	45,395,337	0.68929	
2012	25,990,243	37,490,503	2,630,557	17,777,397	7,866,209	25,643,606	28,274,163	0.68400	
2013	27,047,006	42,895,571	3,589,637	18,363,544	10,760,371	29,123,915	32,713,552	0.67895	
2014	34,257,084	61,132,346	3,975,219	23,129,842	18,145,752	41,275,594	45,250,812	0.67518	
2015	34,650,690	64,450,394	2,116,426	23,279,203	20,020,188	43,299,391	45,415,817	0.67183	
2016	6,492,171	43,154,910	546,357	4,340,157	24,509,840	28,849,997	29,396,355	0.66852	
2017	6,647,785	69,993,149	428,942	4,425,605	42,170,674	46,596,279	47,025,221	0.66573	
2018 (9 Mo)	5,334,628	57,281,161	5,372	3,528,331	34,357,511	37,885,842	37,891,214	0.66140	
Totals:									
Excl. ULAE	766,629,043	1,150,231,019	223,036,512	556,920,675	266,146,432	823,067,107	1,046,103,619	0.71557	
ULAE (d)	N/A	N/A	N/A	-	12,634,151	12,634,151	N/A	N/A	
Incl. ULAE	N/A	N/A	N/A	556,920,675	278,780,583	835,701,258	N/A	N/A	

Notes: (a) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 1b.

(b) See Exhibit III, Columns (8), (5) and (6) for case outstanding, total outstanding (case, bulk and IBNR) and paid, respectively.

(c) Based on application of the inflation and discount factors to the estimated payment stream as shown in Exhibit II, Sheets 2a, 2b, 3a, 3b, 4a and 4b.

(d) See Exhibit I, Sheet 5a. ULAE reserve estimates are developed based on an assumed expense inflation rate of three percent and investment return of five percent rather than the three and one-half percent inflation assumed for loss and ALAE.

Summary of Estimated Outstanding Loss & Expense
 Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income
 Excluding ULAE Expense Reserve
 Prior to Consideration of Reinsurance Recoveries / Recoverables
 Evaluated As of September 30, 2018

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 357 to Ult.	1.099

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 9/30/18 ----- (2)	Case Outstanding Loss & ALAE @ 9/30/18 ----- (3)	Bulk / IBNR Loss & ALAE @ 9/30/18 (2) - (3) ----- (4)
I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments			
A. 2018 Level Basis (a)	1,150,231,019	766,629,043	383,601,976
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	3,403,101,735	N/A	N/A
2. After Anticipated Investment Returns (b)	823,067,107	556,920,675	266,146,432
II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)			
A. 2018 Level Basis (d)	1,150,241,019	766,639,043	383,601,976
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	3,403,111,735	N/A	N/A
2. After Anticipated Investment Returns (d)	823,077,107	556,930,675	266,146,432

Notes: (a) See Exhibit I, Sheet 1c.

(b) See Exhibit I, Sheet 3, Columns (7) and (8). The allocation to case and bulk / IBNR is shown on Exhibit I, Sheet 1c, Columns (5) and (6).

(c) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 1b.

(d) See Exhibit I, Sheet 1a.

Summary of Estimated Outstanding Loss & Expense
 Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income
 Excluding ULAE Expense Reserve
 Prior to Consideration of Reinsurance Recoveries / Recoverables
 Evaluated As of September 30, 2018

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.00%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 357 to Ult.	1.099

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 9/30/18 ----- (2)	Case Outstanding Loss & ALAE @ 9/30/18 ----- (3)	Bulk / IBNR Loss & ALAE @ 9/30/18 (2) - (3) ----- (4)
I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments			
A. 2018 Level Basis (a)	1,150,231,019	766,629,043	383,601,976
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	2,840,862,718	N/A	N/A
2. After Anticipated Investment Returns (b)	744,715,249	506,058,351	238,656,897
II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)			
A. 2018 Level Basis	1,150,241,019	766,639,043	383,601,976
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	2,840,872,718	N/A	N/A
2. After Anticipated Investment Returns	744,725,249	506,068,351	238,656,897

Notes: (a) Calculations for alternative assumption sets are not shown. However the calculations are similar to Exhibit III, Sheet 2.
 (b) Calculations for alternative assumption sets are not shown. However they are similar to those shown in Exhibit I, Sheet 3.
 (c) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 1b.

Summary of Estimated Outstanding Loss & Expense
 Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income
 Excluding ULAE Expense Reserve
 Prior to Consideration of Reinsurance Recoveries / Recoverables
 Evaluated As of September 30, 2018

Assumptions :

(1) Prospective Inflation Rate (Est.)	4.00%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 357 to Ult.	1.099

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 9/30/18 ----- (2)	Case Outstanding Loss & ALAE @ 9/30/18 ----- (3)	Bulk / IBNR Loss & ALAE @ 9/30/18 (2) - (3) ----- (4)
I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments			
A. 2018 Level Basis (a)	1,150,231,019	766,629,043	383,601,976
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	4,113,252,198	N/A	N/A
2. After Anticipated Investment Returns (b)	914,708,299	616,067,548	298,640,751
II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)			
A. 2018 Level Basis	1,150,241,019	766,639,043	383,601,976
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	4,113,262,198	N/A	N/A
2. After Anticipated Investment Returns	914,718,299	616,077,548	298,640,751

Notes: (a) Calculations for alternative assumption sets are not shown. However the calculations are similar to Exhibit III, Sheet 2.
 (b) Calculations for alternative assumption sets are not shown. However they are similar to those shown in Exhibit I, Sheet 3.
 (c) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 1b.

Summary of Estimated Outstanding Loss & Expense
 Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income
 Excluding ULAE Expense Reserve
 Prior to Consideration of Reinsurance Recoveries / Recoverables
 Evaluated As of September 30, 2018

Assumptions :

(1) Prospective Inflation Rate (Est.)	7.50%
(2) Prospective Investment Return (Est.)	9.00%
(3) Incurred Loss Development Factor - 357 to Ult.	1.099

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 9/30/18 ----- (2)	Case Outstanding Loss & ALAE @ 9/30/18 ----- (3)	Bulk / IBNR Loss & ALAE @ 9/30/18 (2) - (3) ----- (4)
I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments			
A. 2018 Level Basis (a)	1,150,231,019	766,629,043	383,601,976
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	19,744,527,650	N/A	N/A
2. After Anticipated Investment Returns (b)	832,457,877	562,997,992	269,459,885
II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)			
A. 2018 Level Basis	1,150,241,019	766,639,043	383,601,976
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	19,744,537,650	N/A	N/A
2. After Anticipated Investment Returns	832,467,877	563,007,992	269,459,885

Notes: (a) Calculations for alternative assumption sets are not shown. However the calculations are similar to Exhibit III, Sheet 2.
 (b) Calculations for alternative assumption sets are not shown. However they are similar to those shown in Exhibit I, Sheet 3.
 (c) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basey class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 1b.

Summary of Estimated Outstanding Loss & Expense
 Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income
 Excluding ULAE Expense Reserve
 Prior to Consideration of Reinsurance Recoveries / Recoverables
 Evaluated As of September 30, 2018

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 357 to Ult.	1.199

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 9/30/18 ----- (2)	Case Outstanding Loss & ALAE @ 9/30/18 ----- (3)	Bulk / IBNR Loss & ALAE @ 9/30/18 (2) - (3) ----- (4)
I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments			
A. 2018 Level Basis (a)	1,282,505,281	766,629,043	515,876,238
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	3,817,267,372	N/A	N/A
2. After Anticipated Investment Returns (b)	915,297,757	555,714,159	359,583,598
II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)			
A. 2018 Level Basis	1,282,515,281	766,639,043	515,876,238
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	3,817,277,372	N/A	N/A
2. After Anticipated Investment Returns	915,307,757	555,724,159	359,583,598

Notes: (a) Calculations for alternative assumption sets are not shown. However the calculations are similar to Exhibit III, Sheet 2.
 (b) Calculations for alternative assumption sets are not shown. However they are similar to those shown in Exhibit I, Sheet 3.
 (c) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basesy class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 1b.

Summary of Estimated Outstanding Loss & Expense
 Before and After Consideration of Prospective Period Inflation and Anticipated Investment Income
 Excluding ULAE Expense Reserve
 Prior to Consideration of Reinsurance Recoveries / Recoverables
 Evaluated As of September 30, 2018

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 357 to Ult.	1.000

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 9/30/18 ----- (2)	Case Outstanding Loss & ALAE @ 9/30/18 ----- (3)	Bulk / IBNR Loss & ALAE @ 9/30/18 (2) - (3) ----- (4)
I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments			
A. 2018 Level Basis (a)	1,019,697,881	766,629,043	253,068,838
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	2,993,824,061	N/A	N/A
2. After Anticipated Investment Returns (b)	732,105,660	558,396,950	173,708,709
II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)			
A. 2018 Level Basis	1,019,707,881	766,639,043	253,068,838
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	2,993,834,061	N/A	N/A
2. After Anticipated Investment Returns	732,115,660	558,406,950	173,708,709

Notes: (a) Calculations for alternative assumption sets are not shown. However the calculations are similar to Exhibit III, Sheet 2.

(b) Calculations for alternative assumption sets are not shown. However they are similar to those shown in Exhibit I, Sheet 3.

(c) Current NICA case reserve worksheets include estimates of potential retrospective payments related to the recent Basesy class action. The estimated retrospective portion of this class action are excluded from the loss reserve development process. The estimated amounts are then added to the reserve estimates as shown above. A summary of the estimated retrospective payments is shown in Exhibit I, Sheet 1b.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
 Estimated Prospective Period Cost Level Basis - After Future Inflation & Anticipated Investment Income
 Excluding ULAE Expense Reserve
 Before Consideration of Reinsurance Recoveries
 Excluding Estimated Retroactive Class Action Payments

Assumptions :

- (1) Prospective Inflation Rate (Est.) 3.50%
- (2) Prospective Investment Return (Est.) 5.00%

Calendar Year	Prospective Period Level Basis Estimated Prospective Period Loss & ALAE			Calendar Year	Prospective Period Level Basis Estimated Prospective Period Loss & ALAE		
	2018 Level Basis (a) Before Invest. Income	After Inflation Before (b) Invest. Income	After (c) Inflation and Invest. Income		2018 Level Basis (a) Before Invest. Income	After Inflation Before (b) Invest. Income	After (c) Inflation and Invest. Income
	(1)	(2)	(3)		(4)	(5)	(6)
2018	8,028,420	8,063,018	8,013,993	2068	9,230,169	51,108,372	4,511,536
2019	22,676,021	23,268,699	22,432,627	2069	8,779,941	50,316,956	4,230,166
2020	26,970,446	28,644,005	26,299,801	2070	8,313,979	49,314,206	3,948,443
2021	26,223,432	28,825,410	25,206,058	2071	7,890,040	48,437,606	3,693,577
2022	27,672,853	31,483,300	26,219,256	2072	7,689,178	48,856,656	3,548,125
2023	25,232,397	29,711,541	23,565,465	2073	7,380,254	48,535,047	3,356,923
2024	29,500,756	35,953,416	27,158,245	2074	6,630,132	45,128,062	2,972,646
2025	25,162,187	31,739,183	22,833,263	2075	6,225,393	43,856,260	2,751,306
2026	25,117,681	32,791,951	22,467,264	2076	5,844,139	42,611,394	2,545,914
2027	27,630,867	37,335,552	24,362,183	2077	5,735,578	43,283,535	2,462,926
2028	25,366,600	35,475,676	22,046,264	2078	5,109,652	39,909,589	2,162,801
2029	25,229,973	36,519,560	21,614,270	2079	4,763,518	38,508,273	1,987,486
2030	25,003,594	37,458,601	21,114,329	2080	4,594,942	38,445,595	1,889,763
2031	27,898,068	43,257,716	23,222,021	2081	4,112,744	35,615,466	1,667,286
2032	26,190,634	42,031,591	21,489,334	2082	3,886,945	34,838,198	1,553,238
2033	24,585,695	40,836,889	19,884,308	2083	3,509,243	32,553,754	1,382,273
2034	24,310,042	41,792,295	19,380,490	2084	3,222,200	30,937,162	1,251,077
2035	24,395,570	43,407,206	19,170,837	2085	2,960,839	29,422,738	1,133,176
2036	24,161,632	44,495,642	18,715,758	2086	2,710,360	27,876,330	1,022,494
2037	25,822,424	49,218,521	19,716,472	2087	2,606,120	27,742,362	969,123
2038	26,275,142	51,834,269	19,775,539	2088	2,242,500	24,707,107	821,993
2039	23,782,664	48,559,338	17,643,909	2089	2,031,971	23,171,130	734,183
2040	23,596,355	49,865,196	17,255,609	2090	1,845,835	21,785,271	657,402
2041	23,307,584	50,978,872	16,800,943	2091	1,663,920	20,325,576	584,146
2042	23,709,846	53,673,763	16,846,752	2092	1,504,281	19,018,648	520,558
2043	22,156,742	51,913,410	15,518,309	2093	1,314,383	17,199,390	448,346
2044	21,969,617	53,276,599	15,167,431	2094	1,177,903	15,952,947	396,051
2045	23,036,634	57,819,373	15,676,880	2095	1,027,219	14,399,087	340,452
2046	20,762,351	53,935,069	13,927,340	2096	906,274	13,148,362	296,076
2047	21,480,729	57,754,266	14,203,380	2097	806,054	12,103,653	259,573
2048	19,479,668	54,207,199	12,696,246	2098	684,575	10,639,328	217,304
2049	18,915,637	54,479,953	12,152,504	2099	594,913	9,569,442	186,145
2050	18,301,072	54,554,757	11,589,705	2100	505,681	8,418,800	155,964
2051	17,676,556	54,537,360	11,034,294	2101	438,883	7,562,455	133,428
2052	19,031,568	60,773,097	11,710,421	2102	362,294	6,461,239	108,571
2053	16,670,893	55,098,023	10,111,320	2103	302,319	5,580,342	89,303
2054	16,046,330	54,889,999	9,593,471	2104	255,071	4,872,989	74,270
2055	15,542,811	55,028,469	9,159,688	2105	206,661	4,086,339	59,315
2056	15,160,625	55,553,998	8,806,823	2106	165,571	3,388,440	46,842
2057	15,518,061	58,854,003	8,885,680	2107	135,969	2,880,014	37,918
2058	14,063,581	55,204,542	7,937,800	2108	111,921	2,453,633	30,766
2059	14,436,479	58,651,692	8,031,869	2109	82,916	1,881,375	22,467
2060	13,027,361	54,779,245	7,144,351	2110	67,132	1,576,537	17,930
2061	12,563,653	54,678,411	6,791,620	2111	48,951	1,189,816	12,888
2062	12,518,824	56,390,227	6,670,709	2112	37,290	938,097	9,677
2063	11,556,132	53,875,728	6,069,767	2113	29,453	766,887	7,534
2064	11,076,056	53,444,884	5,734,502	2114	21,779	586,925	5,492
2065	10,662,421	53,249,700	5,441,485	2115	13,666	381,182	3,397
2066	10,719,020	55,405,997	5,392,222	2116	12,272	354,279	3,007
2067	10,206,844	54,605,139	5,061,220	2117	7,448	222,531	1,799
Subtotals:	1,020,430,549	2,340,182,353	767,744,031	Subtotals:	129,800,470	1,062,919,382	55,323,076
				Totals - All Years	1,150,231,019	3,403,101,735	823,067,107

Notes: (a) See Exhibit II, Sheet 1, Columns (2) and (4).
 (b) Calculated based on estimated incremental payments shown in columns (2) and (6) and the estimated annual inflation rate shown in Assumption #1 above. Payments are assumed to be made at the midpoint of each year.
 (c) The inflated amounts before discount as shown in columns (3) and (7) are discounted to September 30, 2018 based on the assumed investment rate shown in Assumption # 2.

Summary of Estimates By Component - Outstanding Loss & Expense

Net of Estimated Reinsurance Recoveries / Recoverables
Evaluated As of September 30, 2018

Birth Year	Prior to Reinsurance Recoverables			Specific X/S Recovery		Aggregate X/S Recovery				Net of Reinsurance Basis		
	Total O/S Loss and Exp. After Inflation and P.V. (a)	Actual (b) Paid Loss and Expense	Current Value Ultimate Loss & ALAE (2) + (3)	Actual Recovered (c) @ 9/30/18	Calculated Recoverable on Case O/S & Case Development Combined (d)	Calculated Recoverable on Case O/S & Case Development Combined (f)	Experience Refund Received to Date (g)	Additional Experience Refund Recoverable (h)	Additional Experience Refund Recoverable (h)	Paid Loss & Expense (3)-(5)-(7)-(9)	Outstanding Loss and Expense After Inflation and P.V. (2)-(6)-(8)-(10)	Indicated Ultimate and P.V. (11) + (12)
	(1)	(2)	(3)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1989	11,276,924	14,568,168	25,845,092							14,568,168	11,276,924	25,845,092
1990	6,511,049	6,231,108	12,742,158							6,231,108	6,511,049	12,742,158
1991	15,907,825	9,168,982	25,076,807							9,168,982	15,907,825	25,076,807
1992	32,820,047	15,283,783	48,103,830	-	-	477,375	-	-		14,806,408	32,820,047	47,626,455
1993	22,749,111	20,111,733	42,860,844	11,408,065	-	10,000,000	-	-		(1,296,332)	22,749,111	21,452,779
1994	11,602,034	7,412,148	19,014,182	1,726,833	-	-	-	423,375		5,261,940	11,602,034	16,863,974
1995	19,688,018	10,440,241	30,128,259	2,497,577	-	-	-	375,000		7,567,664	19,688,018	27,255,682
1996	18,955,205	9,515,385	28,470,590	959,723	-	-	-	408,750		8,146,912	18,955,205	27,102,117
1997	24,327,570	12,410,847	36,738,417	2,132,728	-	-	-	423,750		9,854,369	24,327,570	34,181,939
1998	40,966,585	20,802,716	61,769,301	2,683,139	-	-	-	-		18,119,577	40,966,585	59,086,163
1999	14,103,407	12,161,310	26,264,717	3,143,106	-	2,597,638	-	-	142,405	6,420,567	13,961,002	20,381,569
2000	13,502,887	6,117,502	19,620,389	2,150,848	-	-	-	-	142,405	3,966,655	13,360,482	17,327,137
2001	18,425,229	7,722,186	26,147,415	2,708,409	-	-	-	-	142,405	5,013,776	18,282,824	23,296,601
2002	46,818,727	15,959,583	62,778,310	-	8,151,108	-	7,889,507	-	-	15,959,583	30,778,112	46,737,695
2003	12,566,787	4,580,097	17,146,884	-	2,000,362	-	-	-	-	4,580,097	10,566,424	15,146,521
2004	20,171,561	5,061,102	25,232,663							5,061,102	20,171,561	25,232,663
2005	22,612,577	7,500,169	30,112,746							7,500,169	22,612,577	30,112,746
2006	36,708,376	8,808,082	45,516,458							8,808,082	36,708,376	45,516,458
2007	28,351,788	9,458,472	37,810,260							9,458,472	28,351,788	37,810,260
2008	40,775,515	5,546,968	46,322,483							5,546,968	40,775,515	46,322,483
2009	47,307,115	6,912,321	54,219,435							6,912,321	47,307,115	54,219,435
2010	23,078,765	2,816,409	25,895,174							2,816,409	23,078,765	25,895,174
2011	41,175,380	4,219,957	45,395,337							4,219,957	41,175,380	45,395,337
2012	25,643,606	2,630,557	28,274,163							2,630,557	25,643,606	28,274,163
2013	29,123,915	3,589,637	32,713,552							3,589,637	29,123,915	32,713,552
2014	41,275,594	3,975,219	45,250,812							3,975,219	41,275,594	45,250,812
2015	43,299,391	2,116,426	45,415,817							2,116,426	43,299,391	45,415,817
2016	28,849,997	546,357	29,396,355							546,357	28,849,997	29,396,355
2017	46,596,279	428,942	47,025,221							428,942	46,596,279	47,025,221
2018 (9 Mo)	37,885,842	5,372	37,891,214							5,372	37,885,842	37,891,214
Totals:												
Excl. ULAE	823,077,107	236,101,778	1,059,178,885	29,410,427	10,151,471	13,075,013	7,889,507	1,630,875	427,215	191,985,463	804,608,915	996,594,377
ULAE (i)										N/A	12,634,151	N/A
Incl. ULAE										N/A	817,243,066	N/A

- Notes: (a) See Exhibit I, Sheet 1a, Column (7).
 (b) See Exhibit I, Sheet 1a, Column (4).
 (c) See Exhibit I, Sheet 4b, Column (4).
 (d) See Exhibit I, Sheet 4b, Column (7).
 (e) See Exhibit I, Sheet 4b, Column (10).
 (f) See Exhibit I, Sheet 4b, Column (13).
 (g) See Exhibit I, Sheet 4b, Column (14).
 (h) See Exhibit I, Sheet 4b, Column (15).
 (i) See Exhibit I, Sheet 5a.

Summary of Estimated Reinsurance Recoveries / Recoverables

Evaluated As of September 30, 2018

Birth Year	Specific Excess Reinsurance (a)						Aggregate Excess Reinsurance (a)						Experience Refund Received to Date (d)	Additional Experience Refund Recoverable (e)
	Retention	Excess Layer	Actual Recovered (b) @ 9/30/18	Calculated (c) Recoverable on Case O/S	Calculated (c) Recoverable on Estimated Case Development	Calculated (c) Recoverable on Case O/S & Case Development Combined (5) + (6)	Retention	Excess Layer	Actual Recovered (b) @ 9/30/18	Calculated (c) Recoverable on Case O/S	Calculated (c) Recoverable on Estimated Case Development	Calculated (c) Recoverable on Case O/S & Case Development Combined (11) + (12)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1989	100%	N/A					100%	N/A						
1990	100%	N/A					100%	N/A						
1991	100%	N/A					100%	N/A						
1992	4,000,000	2,500,000	-	Commuted			21,530,000	10,000,000	477,375	Commuted				
1993	4,000,000	2,500,000	11,408,065				21,530,000	10,000,000	10,000,000					
1994	4,000,000	2,500,000	1,726,833				21,530,000	10,000,000	-				423,375	
1995	4,000,000	2,500,000	2,497,577				19,940,000	10,000,000	-				375,000	
1996	4,000,000	2,500,000	959,723				19,940,000	10,000,000	-				408,750	
1997	4,000,000	2,500,000	2,132,728				22,900,000	10,000,000	-				423,750	
1998	4,250,000	2,500,000	2,683,139				23,500,000	10,000,000	-					
1999	4,250,000	2,500,000	3,143,106	-	-	-	20,000,000	13,000,000	2,597,638	-	-	-		142,405
2000	4,250,000	2,500,000	2,150,848	-	-	-	20,000,000	13,000,000	-	-	-	-		142,405
2001	4,250,000	2,500,000	2,708,409	-	-	-	20,000,000	13,000,000	-	-	-	-		142,405
2002	4,250,000	2,500,000		7,117,767	1,033,342	8,151,108	23,637,681	13,000,000		6,885,995	1,003,511	7,889,507		
2003	4,250,000	2,500,000		1,628,508	371,855	2,000,362	25,144,928	13,000,000		-	-	-		
2004	100%	N/A												
2005	100%	N/A												
2006	100%	N/A												
2007	100%	N/A												
2008	100%	N/A												
2009	100%	N/A												
2010	100%	N/A												
2011	100%	N/A												
2012	100%	N/A												
2013	100%	N/A												
2014	100%	N/A												
2015	100%	N/A												
2016	100%	N/A												
2017	100%	N/A												
2018 (9 Mo)	100%	N/A												
Totals:			29,410,427	8,746,275	1,405,196	10,151,471			13,075,013	6,885,995	1,003,511	7,889,507	1,630,875	427,215

Notes: (a) The specific and aggregate excess recoveries and recoverables shown are based on final amounts received as a result of negotiations and arbitration proceedings for birth years 1992 to 2001 (AUL/RMS and Munich Re) and the estimates as developed for birth years 1999 to 2003. The reinsurance treaties provided by AUL/RMS and Munich Re have been commuted. The actual amounts that will be received for birth years 1999 to 2003 are subject to final decisions related to current arbitration proceedings between NICA and General Reinsurance Corporation. A Panel Award related to Phase I of these proceedings was received March 26, 2018.

(b) The amounts recovered to date from the various reinsurers (AUL/RMS and Munich Re) are based on three separate reinsurance negotiation / arbitration proceedings. It is our understanding amounts received to date are \$21,408,065 (birth year 1993), \$10,000,000 (birth years 1994 to 1998), and \$10,600,000 (birth years 1999 to 2001). These amounts have been allocated to each birth year based on the calculated recoverables developed as of September 30, 2012.

(c) See Exhibit I, Sheet 4c, Item I. The remaining recoverables include an aggregate only layer (\$3.0 million excess of \$20.0 million) related to birth years 1999 to 2001 and both aggregate and specific excess layers related to birth years 2002 and 2003. All remaining specific and aggregate excess recoveries are related to treaties provided by General Reinsurance Corporation. Since the amount received for these birth years will be based on the final results of current arbitration proceedings, the ultimate amount may vary, perhaps significantly, from the amounts shown. The amounts as shown above are based on our understanding the issues as provided in the Phase I Panel Award of the current arbitration proceedings plus our current estimate of the assumptions that will be decided in Phase II of the arbitration proceedings. The most significant remaining assumptions in order of estimated impact include interest rate to be used in the adjustment from the arbitration date to the current evaluation, mortality adjustment, aggregate attachment applicable to birth year 2002, and loss development adjustment. NICA's position is the interest rate used in each adjustment should be the rate actually realized by NICA on their investments during the time horizon. Due to the uncertainty with regard to the final arbitration results, the estimated remaining reinsurance recoverable shown above is based on amount shown in Item I of Exhibit I, Sheet 4c which is prior to the adjustment for invest returns that would have been realized from the commutation date to the current time.

(d) Actual experience refund received to date.

(e) Additional experience refund recoverable from General Reinsurance Corporation (Gen Re) related to birth years from 1999 to 2001. The total gross premium for these birth years (1999 - 2001) before consideration of loss and administrative expenses paid by Gen Re is \$1,265,822. The ultimate loss paid by Gen Re for these birth years (1999 - 2001) is zero, and the administrative expense amount is \$411,392 (32.5% of the total gross premium). The total net profit for these birth years (1999 - 2001) is \$854,430 (\$1,265,822 - \$411,392). Per Article XV of the treaty, Gen Re owes NICA 50% of this net profit, and the amount is \$427,215. This recoverable amount is before any interest that may be awarded, and allocated to each birth year from 1999 to 2001.

Estimated Reinsurance Recovery
Birth Years 1999 - 2003

Evaluated As of September 30, 2018

Birth Year	Specific Excess Recovery			Aggregate Excess Recovery			Combined Specific and Aggregate Excess Recovery		
	Calculated Recoverable on Case O/S	Calculated Recoverable on Estimated Case Development	Calculated Recoverable on Case O/S & Case Development Combined (2) + (3)	Calculated Recoverable on Case O/S	Calculated Recoverable on Estimated Case Development	Calculated Recoverable on Case O/S & Case Development Combined (5) + (6)	Calculated Recoverable on Case O/S	Calculated Recoverable on Estimated Case Development	Calculated Recoverable on Case O/S & Case Development Combined (4) + (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
I. Evaluated As of 84 Months From End of Treaty Term (a)									
1999	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	7,117,767	1,033,342	8,151,108	6,885,995	1,003,511	7,889,507	14,003,762	2,036,853	16,040,615
2003	1,628,508	371,855	2,000,362	-	-	-	1,628,508	371,855	2,000,362
Totals:	8,746,275	1,405,196	10,151,471	6,885,995	1,003,511	7,889,507	15,632,270	2,408,707	18,040,978
II. Adjusted to 9/30/18 Based on Average Return Realized by NICA over Each Period (b) (i.e. 7.49% for Birth Year 2002 and 6.67% for Birth Year 2003)									
1999	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	13,391,040	1,944,081	15,335,121	12,954,996	1,887,960	14,842,956	26,346,036	3,832,041	30,178,077
2003	2,686,072	613,340	3,299,411	-	-	-	2,686,072	613,340	3,299,411
Totals:	16,077,112	2,557,421	18,634,533	12,954,996	1,887,960	14,842,956	29,032,108	4,445,381	33,477,489
III. Adjusted to 9/30/18 Based on Assumed Investment Rate of 5.00% (b)									
1999	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	10,908,125	1,583,617	12,491,743	10,552,931	1,537,902	12,090,833	21,461,056	3,121,519	24,582,576
2003	2,376,878	542,738	2,919,616	-	-	-	2,376,878	542,738	2,919,616
Totals:	13,285,003	2,126,355	15,411,359	10,552,931	1,537,902	12,090,833	23,837,934	3,664,257	27,502,192
IV. Adjusted to 9/30/18 Based on Assumed Investment Rate of 1.50% (b)									
1999	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	8,108,147	1,177,123	9,285,270	7,844,127	1,143,142	8,987,269	15,952,274	2,320,265	18,272,539
2003	1,827,686	417,335	2,245,022	-	-	-	1,827,686	417,335	2,245,022
Totals:	9,935,833	1,594,458	11,530,292	7,844,127	1,143,142	8,987,269	17,779,960	2,737,600	20,517,560

Notes: (a) Estimated recovery evaluated at point in time 84 months from end of treaty year as specified in Phase I Award of NICA / Gen Re arbitration. For example, the treaty covering birth year 2002 based on loss information evaluated as of 12/31/09, and all values are discounted to 12/31/09. The loss experience used in the estimation of reinsurance recovery applicable to birth year 2002 would be evaluated 84 months after the expiration of the 2002 treaty or as of December 31, 2009.

(b) The Phase I Award specified the evaluation date applicable to each treaty year. However, the interest rate that is to be used in the adjustment of the reinsurance recovery from the specified evaluation date (e.g. December 31, 2009) to the current date (e.g. September 30, 2018) was not specified in the Phase I Award. Three alternative interest rates are shown in order to illustrate the potential uncertainty. NICA's position is that the funds would have been included with their other investments and thus the appropriate rate is the actual return realized by NICA over each time horizon. This alternative is shown in Item II above.

Development of Unallocated Loss Adjustment Expense (ULAE) Reserve

Evaluated As of September 30, 2018

I. ULAE Reserve Related to Settlement of Outstanding Claims (a)	11,684,151
II. ULAE Reserve Related to Collection of Reinsurance Recoveries on Claims Incurred Prior to September 30, 2018 (b) \$ 950,000 x 1	950,000
III. Total ULAE Reserve (I) + (II)	12,634,151

Notes: (a) See Exhibit I, Sheet 5b.

(b) The estimated unallocated loss adjustment expense related to the expense associated with the collection of reinsurance recoveries on claims incurred during birth years 1999 to 2003 is based on current expense budgets as prepared by NICA and a current estimate of one year for the arbitration of collection process related to these claims. Specifically, the estimate is based on average annual expense of \$ 950,000 over the next one year.

Development of Unallocated Loss Adjustment Expense (ULAE) Reserve
Portion Related to Claims Settlement
Evaluated As of September 30, 2018

Assumptions:

1. Estimated Calendar Year 2018 Level ULAE Payment (a):	602,912
2. Prospective Inflation Rate - Expense (b):	3.00%
3. Prospective Investment Return (b):	5.00%

Year	2018 Level Expense	Prospective Loss Level (Inflation) Factor	Present Value Factor	Before Mortality			After Mortality	
				Prospective Level Expense (2) x (3)	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	602,912	1.015	0.976	611,889	597,142	0.9671	591,748	577,487
2	602,912	1.045	0.929	630,246	585,768	0.9485	597,796	555,609
3	602,912	1.077	0.885	649,153	574,611	0.9300	603,698	534,376
4	602,912	1.109	0.843	668,627	563,666	0.9115	609,441	513,770
5	602,912	1.142	0.803	688,686	552,929	0.8930	615,008	493,774
6	602,912	1.177	0.765	709,347	542,397	0.8746	620,384	474,373
7	602,912	1.212	0.728	730,627	532,066	0.8562	625,555	455,549
8	602,912	1.248	0.694	752,546	521,931	0.8378	630,504	437,288
9	602,912	1.286	0.661	775,122	511,990	0.8195	635,214	419,576
10	602,912	1.324	0.629	798,376	502,238	0.8012	639,667	402,398
11	602,912	1.364	0.599	822,327	492,671	0.7830	643,846	385,740
12	602,912	1.405	0.571	846,997	483,287	0.7647	647,736	369,591
13	602,912	1.447	0.543	872,407	474,081	0.7466	651,322	353,940
14	602,912	1.490	0.518	898,579	465,051	0.7285	654,590	338,777
15	602,912	1.535	0.493	925,537	456,193	0.7104	657,528	324,093
16	602,912	1.581	0.469	953,303	447,504	0.6925	660,119	309,876
17	602,912	1.629	0.447	981,902	438,980	0.6746	662,346	296,116
18	602,912	1.677	0.426	1,011,359	430,618	0.6567	664,191	282,801
19	602,912	1.728	0.406	1,041,700	422,416	0.6390	665,632	269,918
20	602,912	1.780	0.386	1,072,951	414,370	0.6213	666,650	257,458
21	602,912	1.833	0.368	1,105,139	406,477	0.6037	667,222	245,409
22	602,912	1.888	0.350	1,138,294	398,735	0.5863	667,325	233,758
23	602,912	1.945	0.334	1,172,442	391,140	0.5688	666,934	222,497
24	602,912	2.003	0.318	1,207,616	383,690	0.5515	666,023	211,612
25	602,912	2.063	0.303	1,243,844	376,381	0.5343	664,564	201,094
26	602,912	2.125	0.288	1,281,159	369,212	0.5171	662,530	190,932
27	602,912	2.189	0.274	1,319,594	362,180	0.5001	659,893	181,116
28	602,912	2.254	0.261	1,359,182	355,281	0.4831	656,630	171,639
29	602,912	2.322	0.249	1,399,957	348,514	0.4662	652,714	162,491
30	602,912	2.392	0.237	1,441,956	341,875	0.4495	648,122	153,664
31	602,912	2.463	0.226	1,485,215	335,363	0.4328	642,829	145,152
32	602,912	2.537	0.215	1,529,771	328,976	0.4163	636,812	136,946
33	602,912	2.613	0.205	1,575,664	322,709	0.3999	630,046	129,039
34	602,912	2.692	0.195	1,622,934	316,562	0.3836	622,510	121,424
35	602,912	2.773	0.186	1,671,622	310,533	0.3674	614,188	114,096
36	602,912	2.856	0.177	1,721,771	304,618	0.3514	605,060	107,048
37	602,912	2.941	0.168	1,773,424	298,816	0.3356	595,114	100,275
38	602,912	3.030	0.160	1,826,627	293,124	0.3199	584,336	93,770
39	602,912	3.121	0.153	1,881,426	287,541	0.3044	572,716	87,529
40	602,912	3.214	0.146	1,937,869	282,064	0.2891	560,252	81,547
41	602,912	3.311	0.139	1,996,005	276,691	0.2740	546,943	75,819
42	602,912	3.410	0.132	2,055,885	271,421	0.2592	532,799	70,341
43	602,912	3.512	0.126	2,117,561	266,251	0.2445	517,834	65,110
44	602,912	3.618	0.120	2,181,088	261,179	0.2302	502,073	60,122
45	602,912	3.726	0.114	2,246,521	256,204	0.2161	485,547	55,374
46	602,912	3.838	0.109	2,313,916	251,324	0.2024	468,296	50,864
47	602,912	3.953	0.103	2,383,334	246,537	0.1890	450,366	46,587
48	602,912	4.072	0.099	2,454,834	241,841	0.1759	431,815	42,541
49	602,912	4.194	0.094	2,528,479	237,235	0.1632	412,709	38,722
50	602,912	4.320	0.089	2,604,333	232,716	0.1509	393,122	35,128
Totals:	30,145,600			69,019,146	19,365,101		30,160,297	11,684,151

Notes: (a) Estimated current level (2018) unallocated expense based on expense allocation of expected on-going claims expense.
(b) Investment and inflation rates consistent with selection used in loss and ALAE reserve estimates. Inflation rate slightly less than applied to loss and ALAE due to difference in expected inflation related to loss adjustment expenses.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2018 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries

Reserve @ 9/30/18 1,150,231,019

Calendar Year	Estimated Prospective Period Payments 2018 Level Basis (a)	Calendar Year	Estimated Prospective Period Payments 2018 Level Basis (a)
----- (1)	----- (2)	----- (3)	----- (4)
2018	8,028,420	2068	9,230,169
2019	22,676,021	2069	8,779,941
2020	26,970,446	2070	8,313,979
2021	26,223,432	2071	7,890,040
2022	27,672,853	2072	7,689,178
2023	25,232,397	2073	7,380,254
2024	29,500,756	2074	6,630,132
2025	25,162,187	2075	6,225,393
2026	25,117,681	2076	5,844,139
2027	27,630,867	2077	5,735,578
2028	25,366,600	2078	5,109,652
2029	25,229,973	2079	4,763,518
2030	25,003,594	2080	4,594,942
2031	27,898,068	2081	4,112,744
2032	26,190,634	2082	3,886,945
2033	24,585,695	2083	3,509,243
2034	24,310,042	2084	3,222,200
2035	24,395,570	2085	2,960,839
2036	24,161,632	2086	2,710,360
2037	25,822,424	2087	2,606,120
2038	26,275,142	2088	2,242,500
2039	23,782,664	2089	2,031,971
2040	23,596,355	2090	1,845,835
2041	23,307,584	2091	1,663,920
2042	23,709,846	2092	1,504,281
2043	22,156,742	2093	1,314,383
2044	21,969,617	2094	1,177,903
2045	23,036,634	2095	1,027,219
2046	20,762,351	2096	906,274
2047	21,480,729	2097	806,054
2048	19,479,668	2098	684,575
2049	18,915,637	2099	594,913
2050	18,301,072	2100	505,681
2051	17,676,556	2101	438,883
2052	19,031,568	2102	362,294
2053	16,670,893	2103	302,319
2054	16,046,330	2104	255,071
2055	15,542,811	2105	206,661
2056	15,160,625	2106	165,571
2057	15,518,061	2107	135,969
2058	14,063,581	2108	111,921
2059	14,436,479	2109	82,916
2060	13,027,361	2110	67,132
2061	12,563,653	2111	48,951
2062	12,518,824	2112	37,290
2063	11,556,132	2113	29,453
2064	11,076,056	2114	21,779
2065	10,662,421	2115	13,666
2066	10,719,020	2116	12,272
2067	10,206,844	2117	7,448
Subtotals:	1,020,430,549	Subtotals:	129,800,470
		Totals - All Years	1,150,231,019

Note: (a) See Column (2) of Exhibit II, Sheets 2a and 2b.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2018 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries
Evaluated As of September 30, 2018

Calendar Year ----- (1)	Totals All BY'S (c) ----- (2)
Reserve @ 9/30/18 (a)	1,150,231,019

Estimated Prospective Period Loss & Expense Payments - 2018 Level Basis - (b)

2018	8,028,420
2019	22,676,021
2020	26,970,446
2021	26,223,432
2022	27,672,853
2023	25,232,397
2024	29,500,756
2025	25,162,187
2026	25,117,681
2027	27,630,867
2028	25,366,600
2029	25,229,973
2030	25,003,594
2031	27,898,068
2032	26,190,634
2033	24,585,695
2034	24,310,042
2035	24,395,570
2036	24,161,632
2037	25,822,424
2038	26,275,142
2039	23,782,664
2040	23,596,355
2041	23,307,584
2042	23,709,846
2043	22,156,742
2044	21,969,617
2045	23,036,634
2046	20,762,351
2047	21,480,729
2048	19,479,668
2049	18,915,637
2050	18,301,072
2051	17,676,556
2052	19,031,568
2053	16,670,893
2054	16,046,330
2055	15,542,811
2056	15,160,625
2057	15,518,061
2058	14,063,581
2059	14,436,479
2060	13,027,361
2061	12,563,653
2062	12,518,824
2063	11,556,132
2064	11,076,056
2065	10,662,421
2066	10,719,020
2067	10,206,844
Subtotals 2018 to 2067:	1,020,430,549

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

(c) Sum of columns (2) to (11) of Exhibit II Sheets 3a, 4a, and 5a.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2018 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries
Evaluated As of September 30, 2018

Calendar Year ----- (1)	Totals All BY'S (c) ----- (2)
Reserve @ 9/30/18 (a)	1,150,231,019

Estimated Prospective Period Loss & Expense Payments - 2018 Level Basis - (b)

2068	9,230,169
2069	8,779,941
2070	8,313,979
2071	7,890,040
2072	7,689,178
2073	7,380,254
2074	6,630,132
2075	6,225,393
2076	5,844,139
2077	5,735,578
2078	5,109,652
2079	4,763,518
2080	4,594,942
2081	4,112,744
2082	3,886,945
2083	3,509,243
2084	3,222,200
2085	2,960,839
2086	2,710,360
2087	2,606,120
2088	2,242,500
2089	2,031,971
2090	1,845,835
2091	1,663,920
2092	1,504,281
2093	1,314,383
2094	1,177,903
2095	1,027,219
2096	906,274
2097	806,054
2098	684,575
2099	594,913
2100	505,681
2101	438,883
2102	362,294
2103	302,319
2104	255,071
2105	206,661
2106	165,571
2107	135,969
2108	111,921
2109	82,916
2110	67,132
2111	48,951
2112	37,290
2113	29,453
2114	21,779
2115	13,666
2116	12,272
2117	7,448
Subtotals 2068 to 2117:	129,800,470
Totals 2018 to 2117:	1,150,231,019

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

(c) Sum of columns (2) to (11) of Exhibit II Sheets 3a, 4a, and 5a.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2018 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries
Evaluated As of September 30, 2018

Calendar Year	BY 2009	BY 2010	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	BY 2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 9/30/18 (a)	65,525,346	33,202,130	59,736,202	37,490,503	42,895,571	61,132,346	64,450,394	43,154,910	69,993,149	57,281,161

Estimated Prospective Period Loss & Expense Payments - 2018 Level Basis - (b)

2018	442,795	107,930	224,214	129,987	194,820	302,946	298,394	233,008	306,366	143,496
2019	790,614	472,015	766,346	554,672	586,110	1,090,228	1,253,012	783,995	1,481,060	987,419
2020	1,610,724	550,255	837,876	473,955	625,253	819,980	1,127,321	823,034	1,245,820	1,193,367
2021	1,568,119	619,023	976,759	518,194	534,266	874,742	847,878	740,475	1,307,855	1,003,821
2022	1,720,461	603,138	1,098,830	604,088	584,134	747,448	904,503	556,924	1,176,663	1,053,807
2023	1,514,702	573,693	1,070,633	679,584	680,958	817,214	772,879	594,118	884,989	948,098
2024	1,850,757	606,018	1,018,364	662,145	766,061	952,673	845,018	507,661	944,092	713,081
2025	1,442,139	687,411	1,075,744	629,818	746,403	1,071,734	985,086	555,046	806,707	760,704
2026	1,420,170	630,550	1,220,225	665,306	709,963	1,044,232	1,108,197	647,048	882,004	650,006
2027	1,628,825	637,013	1,119,292	754,662	749,966	993,251	1,079,759	727,913	1,028,202	710,676
2028	1,349,480	623,189	1,130,763	692,238	850,693	1,049,217	1,027,045	709,234	1,156,702	828,476
2029	1,327,555	620,359	1,106,224	699,333	780,325	1,190,135	1,084,914	674,609	1,127,020	932,015
2030	1,368,306	630,980	1,101,201	684,157	788,323	1,091,690	1,230,627	712,620	1,071,998	908,098
2031	1,962,133	680,761	1,120,054	681,050	771,216	1,102,879	1,128,833	808,331	1,132,400	863,764
2032	1,757,239	740,869	1,208,421	692,710	767,714	1,078,945	1,140,402	741,468	1,284,491	912,433
2033	1,565,346	775,141	1,315,120	747,361	780,857	1,074,046	1,115,654	749,067	1,178,241	1,034,981
2034	1,526,029	795,798	1,375,956	813,351	842,463	1,092,434	1,110,588	732,812	1,190,317	949,370
2035	1,499,386	777,116	1,412,624	850,975	916,849	1,178,622	1,129,602	729,484	1,164,486	959,100
2036	1,509,102	763,968	1,379,462	873,653	959,261	1,282,690	1,218,722	741,973	1,159,198	938,287
2037	1,662,579	789,249	1,356,123	853,143	984,825	1,342,025	1,326,331	800,511	1,179,044	934,026
2038	1,697,666	781,703	1,400,999	838,709	961,706	1,377,789	1,387,685	871,193	1,272,065	950,017
2039	1,391,903	785,919	1,387,605	866,463	945,435	1,345,445	1,424,666	911,493	1,384,384	1,024,968
2040	1,353,736	753,432	1,395,089	858,179	976,721	1,322,682	1,391,221	935,784	1,448,423	1,115,470
2041	1,321,861	731,963	1,337,420	862,808	967,383	1,366,451	1,367,683	913,816	1,487,023	1,167,069
2042	1,387,764	704,936	1,299,311	827,142	972,600	1,353,387	1,412,941	898,356	1,452,114	1,198,171
2043	1,241,964	688,663	1,251,335	803,573	932,396	1,360,686	1,399,433	928,083	1,427,546	1,170,043
2044	1,210,906	667,436	1,222,448	773,902	905,828	1,304,440	1,406,981	919,210	1,474,785	1,150,248
2045	1,379,075	653,318	1,184,769	756,037	872,381	1,267,271	1,348,820	924,168	1,460,685	1,188,311
2046	1,134,392	627,917	1,159,708	732,733	852,242	1,220,477	1,310,387	885,966	1,468,564	1,176,950
2047	1,247,687	608,434	1,114,618	717,234	825,974	1,192,303	1,262,002	860,721	1,407,858	1,183,298
2048	1,065,012	599,571	1,080,033	689,348	808,502	1,155,553	1,232,869	828,939	1,367,742	1,134,384
2049	1,031,032	582,340	1,064,301	667,958	777,068	1,131,110	1,194,868	809,803	1,317,239	1,102,060
2050	1,001,712	567,850	1,033,714	658,229	752,956	1,087,132	1,169,593	784,843	1,286,831	1,061,367
2051	964,468	552,491	1,007,993	639,312	741,988	1,053,400	1,124,120	768,241	1,247,167	1,036,866
2052	1,172,447	530,876	980,729	623,405	720,664	1,038,056	1,089,240	738,372	1,220,786	1,004,907
2053	903,415	514,718	942,361	606,542	702,733	1,008,223	1,073,374	715,461	1,173,322	983,650
2054	868,014	500,650	913,679	582,813	683,725	983,137	1,042,525	705,040	1,136,915	945,406
2055	836,750	486,078	888,707	565,075	656,976	956,544	1,016,586	684,777	1,120,355	916,072
2056	809,150	467,596	862,840	549,630	636,980	919,123	989,089	667,739	1,088,156	902,728
2057	875,662	455,279	830,031	533,633	619,571	891,148	950,394	649,678	1,061,081	876,784
2058	745,563	450,817	808,167	513,342	601,537	866,791	921,467	624,261	1,032,381	854,968
2059	839,288	432,389	800,247	499,820	578,664	841,562	896,282	605,261	991,992	831,842
2060	686,918	420,273	767,536	494,922	563,422	809,562	870,195	588,718	961,799	799,299
2061	658,255	404,665	746,028	474,691	557,900	788,238	837,106	571,583	935,512	774,971
2062	683,744	387,384	718,323	461,389	535,095	780,513	815,056	549,849	908,283	753,790
2063	602,340	376,543	687,647	444,255	520,101	748,608	807,069	535,365	873,746	731,850
2064	575,131	360,516	668,402	425,283	500,786	727,632	774,078	530,119	850,731	704,022
2065	550,412	350,745	639,953	413,381	479,400	700,610	752,388	508,449	842,394	685,478
2066	605,512	332,458	622,609	395,786	465,984	670,690	724,446	494,202	807,959	678,760
2067	559,492	316,787	590,147	385,059	446,150	651,920	693,509	475,849	785,319	651,015
Subtotals 2018 to 2067:	58,917,732	28,778,223	51,320,978	31,921,032	36,183,327	51,117,615	53,420,834	35,454,673	57,000,812	46,179,791

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2018 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries
Evaluated As of September 30, 2018

Calendar Year	BY 2009	BY 2010	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	BY 2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 9/30/18 (a)	65,525,346	33,202,130	59,736,202	37,490,503	42,895,571	61,132,346	64,450,394	43,154,910	69,993,149	57,281,161

Estimated Prospective Period Loss & Expense Payments - 2018 Level Basis - (b)

2068	473,163	304,864	562,329	364,983	434,058	624,172	674,100	455,528	756,155	632,772
2069	447,030	290,713	541,166	347,779	411,427	607,256	645,408	442,779	723,863	609,273
2070	423,105	278,220	516,046	334,690	392,033	575,594	627,916	423,933	703,605	583,254
2071	401,084	265,240	493,870	319,154	377,279	548,462	595,177	412,443	673,657	566,931
2072	406,461	251,562	470,829	305,439	359,767	527,821	567,122	390,939	655,400	542,801
2073	407,058	240,497	446,548	291,189	344,306	503,321	545,779	372,511	621,228	528,089
2074	334,665	225,565	426,907	276,173	328,243	481,691	520,445	358,492	591,945	500,556
2075	312,944	215,730	400,401	264,025	311,316	459,219	498,079	341,852	569,667	476,961
2076	292,931	201,748	382,944	247,632	297,623	435,536	474,843	327,161	543,225	459,010
2077	307,719	189,004	358,124	236,836	279,143	416,380	450,355	311,898	519,880	437,704
2078	255,132	180,309	335,502	221,486	266,973	390,527	430,546	295,813	495,626	418,894
2079	237,389	169,000	320,067	207,495	249,670	373,501	403,814	282,802	470,066	399,352
2080	249,234	158,364	299,993	197,949	233,898	349,292	386,208	265,243	449,391	378,757
2081	204,198	146,275	281,112	185,534	223,138	327,228	361,176	253,679	421,489	362,098
2082	202,266	136,161	259,653	173,857	209,143	312,174	338,362	237,237	403,112	339,615
2083	174,406	127,574	241,700	160,585	195,980	292,595	322,795	222,251	376,985	324,808
2084	160,040	116,115	226,456	149,482	181,020	274,180	302,550	212,026	353,172	303,756
2085	146,779	108,920	206,117	140,054	168,504	253,250	283,508	198,728	336,924	284,569
2086	134,480	98,618	193,344	127,475	157,876	235,740	261,866	186,221	315,792	271,477
2087	148,902	89,963	175,058	119,575	143,696	220,872	243,760	172,005	295,917	254,450
2088	111,180	82,138	159,693	108,267	134,791	201,034	228,387	160,113	273,328	238,436
2089	100,827	74,932	145,803	98,764	122,043	188,576	207,874	150,015	254,430	220,235
2090	90,777	67,348	133,012	90,173	111,332	170,741	194,992	136,541	238,383	205,007
2091	81,499	59,113	119,549	82,263	101,648	155,755	176,550	128,079	216,972	192,078
2092	77,309	52,969	104,931	73,936	92,731	142,208	161,054	115,966	203,526	174,826
2093	64,669	47,284	94,025	64,896	83,345	129,732	147,046	105,788	184,278	163,992
2094	61,683	41,200	83,933	58,151	73,154	116,601	134,146	96,586	168,104	148,482
2095	50,082	35,798	73,134	51,909	65,551	102,343	120,568	88,113	153,482	135,450
2096	43,491	30,909	63,545	45,231	58,515	91,707	105,825	79,194	140,017	123,668
2097	40,880	26,291	54,867	39,300	50,986	81,863	94,827	69,511	125,845	112,819
2098	31,997	22,159	46,670	33,933	44,301	71,331	84,649	62,286	110,457	101,400
2099	26,969	18,669	39,335	28,863	38,251	61,978	73,758	55,601	98,977	89,001
2100	22,480	15,441	33,140	24,327	32,536	53,514	64,087	48,447	88,354	79,751
2101	19,500	12,541	27,409	20,496	27,423	45,519	55,335	42,095	76,986	71,191
2102	15,574	10,020	22,262	16,951	23,104	38,365	47,067	36,346	66,892	62,032
2103	11,987	8,192	17,787	13,768	19,108	32,323	39,670	30,916	57,757	53,898
2104	9,436	6,305	14,542	11,001	15,520	26,733	33,422	26,057	49,128	46,538
2105	7,304	4,842	11,192	8,994	12,400	21,713	27,642	21,953	41,406	39,585
2106	5,568	3,641	8,595	6,922	10,138	17,348	22,452	18,157	34,885	33,363
2107	4,366	2,717	6,463	5,315	7,803	14,183	17,939	14,748	28,852	28,109
2108	11,051	2,012	4,822	3,997	5,992	10,916	14,666	11,783	23,435	23,248
2109	-	4,947	3,571	2,983	4,505	8,383	11,288	9,633	18,724	18,883
2110	-	-	8,781	2,209	3,362	6,303	8,668	7,414	15,308	15,087
2111	-	-	-	5,431	2,490	4,704	6,518	5,693	11,782	12,334
2112	-	-	-	-	6,122	3,483	4,864	4,281	9,047	9,493
2113	-	-	-	-	-	8,564	3,602	3,195	6,803	7,290
2114	-	-	-	-	-	-	8,856	2,366	5,076	5,481
2115	-	-	-	-	-	-	-	5,817	3,759	4,090
2116	-	-	-	-	-	-	-	-	9,243	3,029
2117	-	-	-	-	-	-	-	-	-	7,448
Subtotals 2068 to 2117:	6,607,614	4,423,907	8,415,224	5,569,471	6,712,244	10,014,730	11,029,560	7,700,236	12,992,337	11,101,370
Totals 2018 to 2117:	65,525,346	33,202,130	59,736,202	37,490,503	42,895,571	61,132,346	64,450,394	43,154,910	69,993,149	57,281,161

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assume loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2018 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries
Evaluated As of September 30, 2018

Calendar Year	BY 1999	BY 2000	BY 2001	BY 2002	BY 2003	BY 2004	BY 2005	BY 2006	BY 2007	BY 2008
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 9/30/18 (a)	18,031,757	17,962,904	24,509,156	62,828,112	15,849,102	27,332,803	31,848,652	49,861,850	37,798,289	58,603,096

Estimated Prospective Period Loss & Expense Payments - 2018 Level Basis - (b)

2018	124,086	126,843	224,490	567,000	169,512	225,665	271,441	470,448	392,961	366,134
2019	402,605	374,135	591,441	1,246,534	419,900	432,151	563,798	820,462	1,078,261	650,075
2020	491,952	409,459	594,604	1,564,584	582,190	668,904	824,271	1,320,593	1,322,702	1,206,277
2021	628,048	387,884	575,794	1,533,524	558,322	649,542	733,329	1,281,824	1,256,562	1,182,568
2022	609,182	689,406	764,953	1,631,920	591,747	717,909	738,993	1,391,970	1,363,438	1,294,221
2023	593,488	634,967	682,811	1,455,764	524,739	625,687	614,277	1,296,599	1,148,443	1,146,192
2024	708,387	737,783	836,971	2,333,778	626,161	788,853	722,134	1,534,327	1,381,253	1,406,438
2025	554,342	569,376	647,609	1,872,893	600,113	592,832	512,854	1,229,620	1,040,276	1,102,433
2026	652,258	541,832	636,278	1,817,090	581,715	752,895	484,253	1,203,450	996,583	1,085,711
2027	656,463	615,397	767,048	1,970,673	622,250	845,805	906,764	1,337,968	1,168,385	1,243,803
2028	609,811	537,931	681,527	1,731,416	535,184	715,793	773,797	1,371,776	935,210	1,042,256
2029	592,591	510,133	667,688	1,709,406	517,950	703,869	748,506	1,339,950	922,830	1,024,471
2030	570,996	480,040	646,683	1,640,877	500,660	683,786	712,388	1,298,696	878,195	1,222,200
2031	621,789	540,603	736,132	1,899,218	576,190	852,501	806,447	1,458,202	1,052,747	1,358,183
2032	535,297	442,851	675,380	1,668,146	502,174	750,788	800,635	1,340,730	913,252	1,288,745
2033	514,782	402,074	595,929	1,514,649	442,227	665,412	721,869	1,199,220	767,719	1,153,969
2034	496,610	378,375	579,412	1,459,554	423,636	649,337	700,252	1,165,592	848,396	1,131,478
2035	480,534	356,948	566,309	1,423,434	408,205	637,015	686,026	1,136,573	815,966	1,295,472
2036	461,122	334,277	574,559	1,373,603	387,802	617,542	660,952	1,100,028	780,007	1,265,610
2037	462,839	341,289	634,162	1,498,350	416,605	691,186	711,554	1,197,663	873,624	1,388,901
2038	481,287	470,371	594,652	1,509,006	427,413	718,380	726,238	1,195,854	879,804	1,347,760
2039	410,085	397,878	525,985	1,250,209	337,479	570,836	609,215	1,005,741	689,036	1,185,202
2040	393,668	379,087	510,185	1,254,362	321,612	555,545	593,398	975,407	661,499	1,158,636
2041	378,908	361,933	497,332	1,228,537	308,318	543,512	583,313	948,782	637,189	1,134,649
2042	361,697	353,052	527,077	1,256,405	317,053	574,820	599,758	995,422	683,546	1,193,655
2043	346,134	328,073	463,936	1,136,594	276,736	510,518	549,026	887,671	586,298	1,079,770
2044	332,018	313,288	451,420	1,144,522	264,533	498,676	539,877	862,249	611,923	1,056,048
2045	354,078	325,750	470,580	1,205,312	300,021	585,669	598,036	951,994	708,906	1,137,154
2046	301,095	284,373	419,336	1,062,932	235,850	466,812	508,179	804,712	565,511	1,002,242
2047	299,989	287,543	464,914	1,142,428	254,599	522,046	551,650	874,551	633,423	1,099,029
2048	272,421	258,874	390,479	989,027	210,681	438,341	482,378	751,977	524,378	951,356
2049	258,486	247,119	376,303	958,260	198,699	424,285	469,813	726,330	505,006	926,159
2050	245,646	236,283	364,383	921,652	188,491	412,720	461,549	703,204	487,679	903,035
2051	231,442	225,452	348,440	881,874	175,903	396,507	445,230	676,400	468,387	876,210
2052	244,015	233,467	396,395	969,843	215,683	499,638	521,484	795,439	596,220	1,005,932
2053	206,233	206,273	323,104	821,102	155,793	371,271	473,543	641,425	435,466	828,558
2054	193,090	197,171	307,871	778,884	144,540	355,589	457,263	638,543	418,090	802,288
2055	180,939	188,768	294,696	781,473	134,830	342,136	444,843	614,841	402,397	777,887
2056	169,653	180,963	283,377	751,552	126,471	330,675	435,946	592,976	388,220	882,733
2057	164,544	182,739	309,174	791,026	133,799	361,830	458,861	632,474	434,540	946,367
2058	146,523	166,214	256,298	682,503	107,957	302,377	407,911	545,934	358,037	828,552
2059	151,503	163,913	261,333	695,006	121,937	351,229	445,973	580,688	416,996	870,181
2060	125,404	153,095	231,661	619,190	91,926	276,446	383,479	501,844	330,463	776,161
2061	115,421	147,019	219,645	590,796	84,475	263,670	371,294	480,372	317,219	750,058
2062	106,145	144,897	233,595	595,371	86,585	274,818	381,270	494,330	341,079	773,649
2063	96,646	135,666	196,254	528,663	70,709	238,564	346,945	438,578	291,727	698,112
2064	87,872	130,321	184,895	499,768	64,387	226,262	334,775	418,266	279,439	672,286
2065	79,746	125,181	174,842	475,517	58,931	215,349	325,115	399,127	268,161	647,676
2066	79,204	121,128	171,703	466,005	64,509	242,677	344,607	412,299	309,842	668,686
2067	67,032	121,229	176,100	457,402	55,526	218,093	324,657	398,387	286,838	659,202
Subtotals 2018 to 2067:	17,648,108	16,478,719	23,105,742	58,357,639	15,522,724	25,356,765	27,870,164	45,441,507	34,454,130	50,494,367

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2018 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries
Evaluated As of September 30, 2018

Calendar Year	BY 1999	BY 2000	BY 2001	BY 2002	BY 2003	BY 2004	BY 2005	BY 2006	BY 2007	BY 2008
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 9/30/18 (a)	18,031,757	17,962,904	24,509,156	62,828,112	15,849,102	27,332,803	31,848,652	49,861,850	37,798,289	58,603,096

Estimated Prospective Period Loss & Expense Payments - 2018 Level Basis - (b)

2068	57,284	110,461	142,810	393,201	43,053	179,940	288,248	341,713	233,576	571,235
2069	50,590	105,743	131,860	367,091	38,103	167,632	273,839	322,885	221,909	545,205
2070	44,516	101,104	122,105	341,690	33,860	156,550	261,617	305,067	211,106	520,333
2071	39,002	96,516	113,385	319,847	30,214	146,518	251,275	288,111	201,082	496,487
2072	33,726	94,306	116,687	312,816	29,650	146,737	249,144	288,422	213,451	501,606
2073	31,803	87,501	98,711	283,894	28,307	148,429	247,158	270,776	218,719	478,533
2074	24,765	82,836	86,930	254,796	20,251	115,739	214,469	238,516	170,554	423,833
2075	20,824	78,273	78,307	233,771	17,345	105,635	200,881	222,711	160,356	399,569
2076	17,361	73,704	70,604	214,983	14,887	96,505	188,986	207,741	150,859	376,352
2077	15,031	72,685	73,886	215,179	15,129	100,742	193,339	212,647	167,865	391,687
2078	11,616	64,572	56,335	180,189	10,692	79,384	165,593	179,375	132,544	331,275
2079	9,300	60,032	49,796	164,165	8,929	71,417	154,137	165,967	123,720	309,473
2080	7,949	55,534	45,162	152,406	9,157	74,860	155,727	159,176	140,635	307,086
2081	5,661	51,083	37,979	134,954	6,016	56,751	131,839	140,689	106,768	267,412
2082	4,286	47,907	37,062	127,509	5,493	54,197	126,606	135,716	111,175	262,247
2083	3,179	42,428	28,078	109,644	3,875	44,092	111,358	117,557	91,048	227,864
2084	2,285	38,264	23,503	97,365	2,992	38,175	100,498	106,683	83,165	208,503
2085	1,599	34,242	19,553	86,523	2,289	32,934	90,780	96,428	75,811	190,115
2086	1,086	30,383	16,149	76,831	1,731	28,282	82,015	86,759	68,941	172,659
2087	791	28,084	15,225	71,886	1,785	30,475	82,739	85,751	87,488	180,963
2088	441	23,253	10,280	58,345	894	20,037	64,306	68,965	55,480	139,355
2089	263	20,023	8,060	50,702	626	16,707	56,821	60,926	49,464	124,201
2090	148	17,040	6,101	43,098	415	13,686	49,192	53,408	43,481	109,601
2091	78	14,319	4,542	36,481	269	11,125	42,467	46,456	37,989	96,058
2092	38	12,172	3,763	31,958	191	9,684	38,008	41,834	37,259	88,217
2093	17	9,689	2,319	25,191	99	7,097	30,744	34,200	28,104	71,803
2094	7	7,785	1,585	20,498	69	5,995	26,588	28,966	29,119	64,557
2095	2	6,148	1,046	16,513	30	4,315	21,430	24,119	19,848	51,533
2096	1	4,767	656	12,887	15	3,288	17,447	19,872	16,244	42,816
2097	0	3,811	460	10,489	8	2,840	15,152	17,516	15,646	38,743
2098	0	2,700	229	7,545	3	1,837	11,278	12,905	10,432	28,464
2099	-	6,820	124	5,523	1	1,339	8,819	10,141	8,081	22,661
2100	-	-	122	3,975	0	961	6,820	7,822	6,144	17,761
2101	-	-	-	8,529	0	690	5,243	5,911	5,622	14,393
2102	-	-	-	-	0	503	4,040	4,557	3,737	10,843
2103	-	-	-	-	-	941	2,851	3,160	2,316	7,645
2104	-	-	-	-	-	-	7,035	2,229	1,584	5,541
2105	-	-	-	-	-	-	-	4,667	1,043	3,920
2106	-	-	-	-	-	-	-	-	1,794	2,708
2107	-	-	-	-	-	-	-	-	-	5,475
2108	-	-	-	-	-	-	-	-	-	-
2109	-	-	-	-	-	-	-	-	-	-
2110	-	-	-	-	-	-	-	-	-	-
2111	-	-	-	-	-	-	-	-	-	-
2112	-	-	-	-	-	-	-	-	-	-
2113	-	-	-	-	-	-	-	-	-	-
2114	-	-	-	-	-	-	-	-	-	-
2115	-	-	-	-	-	-	-	-	-	-
2116	-	-	-	-	-	-	-	-	-	-
2117	-	-	-	-	-	-	-	-	-	-
Subtotals 2068 to 2117:	383,649	1,484,185	1,403,414	4,470,473	326,377	1,976,038	3,978,488	4,420,342	3,344,159	8,108,729
Totals 2018 to 2117:	18,031,757	17,962,904	24,509,156	62,828,112	15,849,102	27,332,803	31,848,652	49,861,850	37,798,289	58,603,096

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2018 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries
Evaluated As of September 30, 2018

Calendar Year	BY 1989	BY 1990	BY 1991	BY 1992	BY 1993	BY 1994	BY 1995	BY 1996	BY 1997	BY 1998
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 9/30/18 (a)	14,445,520	7,867,827	21,011,346	42,647,664	30,086,997	16,104,475	25,879,640	24,465,345	32,798,272	55,436,501

Estimated Prospective Period Loss & Expense Payments - 2018 Level Basis - (b)

2018	193,433	96,781	197,171	386,517	453,163	166,807	233,619	203,946	248,006	526,440
2019	523,439	333,446	620,689	1,092,361	1,110,958	334,374	703,186	563,534	621,650	1,427,551
2020	547,749	388,898	630,581	1,307,149	1,167,220	376,665	769,249	962,904	993,065	1,533,845
2021	517,777	372,257	613,862	1,304,993	1,150,029	365,638	747,568	912,638	958,807	1,501,336
2022	524,671	389,859	681,172	1,455,931	1,128,212	399,539	842,996	888,459	1,012,349	1,505,930
2023	488,366	348,534	595,077	1,277,805	954,943	361,049	784,933	894,553	903,864	1,363,438
2024	633,111	382,394	748,451	1,511,477	1,015,148	456,772	984,220	1,014,323	1,136,331	1,676,573
2025	447,403	320,026	564,078	1,244,296	811,556	350,663	757,655	803,564	892,106	1,487,702
2026	430,736	309,959	551,236	1,188,820	761,780	349,540	743,962	768,094	868,417	1,415,369
2027	457,636	334,249	616,740	1,378,107	813,439	392,104	797,523	797,103	957,037	1,522,815
2028	409,490	282,976	523,973	1,234,410	676,647	339,000	706,208	698,097	815,137	1,328,928
2029	396,229	273,247	511,261	1,255,362	675,481	337,649	692,804	670,589	793,791	1,343,677
2030	382,374	259,332	521,274	1,192,164	662,985	331,010	673,008	689,932	768,034	1,300,959
2031	449,077	285,529	584,290	1,312,999	736,124	420,942	747,774	744,444	921,493	1,541,962
2032	387,969	259,464	547,338	1,257,584	681,475	358,452	680,058	662,211	799,148	1,314,245
2033	346,902	225,478	478,196	1,126,822	600,487	318,675	624,799	613,425	702,899	1,234,346
2034	336,064	214,621	464,101	1,081,927	584,315	314,466	609,144	590,723	682,497	1,170,422
2035	326,267	205,649	520,967	1,054,500	572,075	312,615	596,342	570,865	664,815	1,146,747
2036	315,451	193,551	505,170	1,021,038	556,238	305,889	578,435	548,635	643,442	1,111,965
2037	341,838	208,155	549,226	1,160,573	621,972	344,181	621,148	573,194	721,376	1,236,734
2038	356,895	201,838	503,036	1,084,380	613,186	384,371	622,459	569,073	750,926	1,298,681
2039	286,482	163,575	461,997	930,605	520,487	292,576	533,678	492,100	588,725	1,062,492
2040	277,212	154,024	447,828	900,666	509,475	288,006	519,055	474,654	571,373	1,099,929
2041	268,701	145,900	434,688	896,077	500,779	285,545	506,640	459,030	556,136	1,108,137
2042	283,772	148,167	456,028	930,376	536,335	306,696	518,603	457,604	599,463	1,103,596
2043	250,289	126,770	405,986	811,358	477,462	273,846	475,903	425,602	521,530	1,019,518
2044	242,143	119,171	393,072	783,918	506,742	314,549	463,539	411,229	626,192	998,324
2045	279,733	127,679	397,282	864,436	559,701	345,356	502,495	436,653	686,867	1,164,097
2046	224,479	101,816	365,265	722,957	482,343	300,551	433,563	380,476	588,675	941,849
2047	245,723	108,024	390,830	795,540	534,735	331,534	463,511	396,264	649,857	1,014,411
2048	207,769	86,567	338,833	664,770	459,486	288,169	405,673	352,097	553,458	890,981
2049	199,546	79,383	325,839	654,415	447,866	281,810	391,822	338,350	536,084	892,282
2050	191,892	73,123	313,563	608,929	437,757	277,127	379,396	325,618	520,070	844,728
2051	183,342	65,938	300,312	579,028	424,186	268,737	364,298	311,664	501,753	815,407
2052	229,976	75,922	321,057	671,127	501,936	317,698	410,815	338,947	594,287	972,205
2053	167,886	54,233	275,900	540,660	401,398	256,829	338,147	286,561	468,988	793,723
2054	159,604	48,177	263,274	495,929	387,512	248,216	323,428	273,418	451,163	740,374
2055	151,835	42,923	251,304	468,949	374,978	241,129	309,933	261,099	434,503	715,429
2056	144,537	38,342	239,903	443,422	363,645	235,415	297,472	249,487	418,861	693,946
2057	157,104	38,445	249,018	487,888	394,111	252,846	310,625	254,816	459,155	755,441
2058	129,005	29,211	216,654	390,582	336,493	219,121	269,849	225,319	385,076	640,671
2059	147,486	30,326	212,600	404,646	364,366	240,578	284,677	234,763	412,866	728,063
2060	114,261	21,806	194,707	340,998	310,172	203,840	243,446	202,354	352,579	590,885
2061	107,040	18,611	184,118	328,178	296,863	196,029	230,356	191,120	336,472	585,947
2062	112,563	17,687	183,395	323,170	308,751	204,338	229,663	185,914	355,853	572,324
2063	92,925	13,176	163,714	272,037	270,087	180,135	204,512	169,149	304,582	516,427
2064	86,050	10,912	153,908	250,659	256,658	172,082	191,832	158,443	288,821	491,722
2065	79,555	9,015	144,510	238,921	244,095	164,975	179,844	148,205	273,769	486,677
2066	89,086	8,744	138,004	229,101	256,292	176,937	183,458	150,628	286,494	521,211
2067	77,429	6,708	134,822	216,596	243,052	163,653	169,076	136,204	279,405	460,188

Subtotals 2018 to 2067: 14,000,303 7,850,619 19,886,297 41,175,156 28,055,195 14,648,726 24,652,399 23,468,074 30,458,244 51,210,651

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assumed loss payment patterns shown in Appendix A.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year
Estimated 2018 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries
Evaluated As of September 30, 2018

Calendar Year	BY 1989	BY 1990	BY 1991	BY 1992	BY 1993	BY 1994	BY 1995	BY 1996	BY 1997	BY 1998
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 9/30/18 (a)	14,445,520	7,867,827	21,011,346	42,647,664	30,086,997	16,104,475	25,879,640	24,465,345	32,798,272	55,436,501

Estimated Prospective Period Loss & Expense Payments - 2018 Level Basis - (b)

2068	60,280	4,547	117,506	174,175	203,793	140,212	143,653	118,064	228,099	396,195
2069	54,088	3,470	108,990	162,914	189,839	131,140	131,778	108,335	212,930	384,909
2070	48,331	2,623	100,848	141,183	176,731	122,909	120,568	99,065	198,460	346,919
2071	42,981	1,960	93,045	126,560	164,367	115,373	109,952	90,224	184,614	325,228
2072	43,021	1,595	87,854	121,683	163,280	114,153	103,872	83,340	189,867	315,830
2073	40,966	1,222	78,904	109,866	153,100	112,585	97,074	79,757	173,680	338,741
2074	28,281	678	71,205	88,315	126,967	91,087	79,678	65,222	143,887	257,444
2075	23,979	441	64,495	77,540	114,785	82,798	70,395	57,579	130,834	234,680
2076	20,153	278	58,109	67,859	103,439	75,196	61,820	50,473	118,487	213,690
2077	20,075	200	54,207	67,581	103,681	74,580	58,304	46,265	123,843	221,612
2078	13,662	95	46,267	51,311	82,185	60,666	46,381	37,675	95,286	173,743
2079	10,999	51	40,828	44,347	72,378	53,812	39,561	32,024	84,499	154,929
2080	11,377	32	35,786	39,320	68,695	54,708	36,121	29,248	82,397	161,237
2081	6,786	11	30,958	33,614	54,634	41,116	27,782	22,288	64,738	125,738
2082	6,160	5	26,688	29,440	50,128	37,310	23,740	18,441	62,448	108,804
2083	3,916	2	22,493	23,801	39,714	30,150	18,509	14,666	47,698	89,492
2084	2,871	0	18,807	20,148	33,170	25,129	14,718	11,588	40,134	75,404
2085	2,073	0	15,495	17,248	27,446	20,726	11,519	9,002	33,378	66,327
2086	1,474	0	12,560	14,207	22,470	16,888	8,856	6,864	27,401	51,913
2087	1,643	0	10,273	12,901	20,923	16,459	7,647	5,663	28,362	52,861
2088	2,101	0	7,816	9,728	14,373	10,466	4,881	3,727	17,524	33,161
2089	-	-	5,984	7,997	11,282	8,034	3,501	2,652	13,669	27,562
2090	-	-	15,929	6,411	8,702	5,983	2,436	1,834	10,428	19,638
2091	-	-	-	24,361	6,620	4,367	1,647	1,233	7,798	14,606
2092	-	-	-	-	19,098	3,226	1,121	804	6,397	11,054
2093	-	-	-	-	-	6,677	683	506	4,074	8,124
2094	-	-	-	-	-	-	1,042	323	3,222	6,107
2095	-	-	-	-	-	-	-	409	1,939	3,456
2096	-	-	-	-	-	-	-	-	3,933	2,246
2097	-	-	-	-	-	-	-	-	-	4,199
2098	-	-	-	-	-	-	-	-	-	-
2099	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-
2101	-	-	-	-	-	-	-	-	-	-
2102	-	-	-	-	-	-	-	-	-	-
2103	-	-	-	-	-	-	-	-	-	-
2104	-	-	-	-	-	-	-	-	-	-
2105	-	-	-	-	-	-	-	-	-	-
2106	-	-	-	-	-	-	-	-	-	-
2107	-	-	-	-	-	-	-	-	-	-
2108	-	-	-	-	-	-	-	-	-	-
2109	-	-	-	-	-	-	-	-	-	-
2110	-	-	-	-	-	-	-	-	-	-
2111	-	-	-	-	-	-	-	-	-	-
2112	-	-	-	-	-	-	-	-	-	-
2113	-	-	-	-	-	-	-	-	-	-
2114	-	-	-	-	-	-	-	-	-	-
2115	-	-	-	-	-	-	-	-	-	-
2116	-	-	-	-	-	-	-	-	-	-
2117	-	-	-	-	-	-	-	-	-	-
Subtotals 2068 to 2117:	445,217	17,207	1,125,049	1,472,509	2,031,802	1,455,749	1,227,241	997,271	2,340,028	4,225,850
Totals 2018 to 2117:	14,445,520	7,867,827	21,011,346	42,647,664	30,086,997	16,104,475	25,879,640	24,465,345	32,798,272	55,436,501

Notes: (a) See Exhibit III, Column (5).

(b) Prospective period payments are based on the estimated outstanding loss & expense reserve shown above and the assume loss payment patterns shown in Appendix A.

Estimated 2018 Level Loss & ALAE Reserve - Before Inflation and Anticipated Investment Income
Adjustment of Birth Year Level Estimated Outstanding to 2018 Level Outstanding Loss & Expense

Evaluated As of September 30, 2018

Year of Birth	Birth Year Level (a) Outstanding Loss & ALAE	Outstanding Basis (b) Inflation - Cal. Year	2018 Level Adjustment Factor (c)	2018 Level Outstanding Loss & ALAE (2) x (4)	Actual Paid (d) Loss & ALAE @ 9/30/18	Indicated	2018 Level Case O/S (e) Loss & ALAE @ 9/30/18	2018 Level IBNR / Bulk Outstanding (5) - (8)
						2018 Level Ultimate Loss & ALAE (5) + (6)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	10,184,382	0.81%	1.418	14,445,520	14,306,954	28,752,473	10,873,028	3,572,492
1990	5,591,817	0.60%	1.407	7,867,827	5,473,057	13,340,884	5,847,755	2,020,072
1991	15,022,901	0.49%	1.399	21,011,346	8,376,888	29,388,234	18,413,777	2,597,569
1992	30,641,200	0.43%	1.392	42,647,664	13,332,638	55,980,303	36,541,975	6,105,690
1993	21,709,561	0.40%	1.386	30,086,997	19,201,504	49,288,501	24,128,955	5,958,042
1994	11,666,595	0.36%	1.380	16,104,475	6,777,952	22,882,427	13,051,776	3,052,698
1995	18,815,008	0.36%	1.375	25,879,640	9,529,337	35,408,977	22,090,018	3,789,622
1996	17,851,128	0.27%	1.371	24,465,345	8,718,364	33,183,709	20,555,306	3,910,039
1997	23,996,560	0.25%	1.367	32,798,272	10,786,687	43,584,959	27,335,868	5,462,405
1998	40,662,550	0.32%	1.363	55,436,501	18,796,087	74,232,588	46,871,321	8,565,180
1999	13,269,052	0.40%	1.359	18,031,757	11,287,729	29,319,486	14,308,861	3,722,897
2000	13,270,953	0.33%	1.354	17,962,904	5,527,595	23,490,499	15,133,361	2,829,543
2001	18,167,254	0.36%	1.349	24,509,156	7,606,639	32,115,795	21,306,261	3,202,896
2002	46,737,375	0.31%	1.344	62,828,112	15,118,996	77,947,109	53,117,027	9,711,086
2003	11,826,612	0.29%	1.340	15,849,102	4,580,097	20,429,198	13,464,395	2,384,706
2004	20,454,604	4.94%	1.336	27,332,803	5,061,102	32,393,904	22,873,944	4,458,858
2005	25,011,829	0.87%	1.273	31,848,652	7,500,169	39,348,820	24,789,315	7,059,336
2006	39,497,259	4.86%	1.262	49,861,850	8,808,082	58,669,931	39,580,958	10,280,891
2007	31,395,606	4.55%	1.204	37,798,289	9,458,472	47,256,761	28,860,329	8,937,960
2008	50,891,899	0.35%	1.152	58,603,096	5,546,968	64,150,064	46,946,153	11,656,943
2009	57,102,558	0.30%	1.148	65,525,346	6,912,321	72,437,667	51,533,017	13,992,329
2010	29,022,043	0.39%	1.144	33,202,130	2,816,409	36,018,539	25,384,185	7,817,945
2011	52,418,756	0.42%	1.140	59,736,202	4,219,957	63,956,159	43,201,851	16,534,351
2012	33,037,228	9.83%	1.135	37,490,503	2,630,557	40,121,060	25,990,243	11,500,260
2013	41,515,984	0.72%	1.033	42,895,571	3,589,637	46,485,208	27,047,006	15,848,565
2014	59,593,780	0.18%	1.026	61,132,346	3,975,219	65,107,564	34,257,084	26,875,262
2015	62,938,986	2.01%	1.024	64,450,394	2,116,426	66,566,820	34,650,690	29,799,703
2016	42,988,513	0.22%	1.004	43,154,910	546,357	43,701,267	6,492,171	36,662,739
2017	69,879,365	0.16%	1.002	69,993,149	428,942	70,422,091	6,647,785	63,345,364
2018 (9 Mo)	57,281,161		1.000	57,281,161	5,372	57,286,533	5,334,628	51,946,533
Totals:								
All Years	972,442,520			1,150,231,019	223,036,512	1,373,267,531	766,629,043	383,601,976
1989 to 1998	196,141,701			270,743,587	115,299,468	386,043,055	225,709,779	45,033,808
1999 to 2018	776,300,818			879,487,433	107,737,044	987,224,476	540,919,264	338,568,168

Notes: (a) See Exhibit IV, Sheet 1, Column (7).

(b) Estimated NICA inflation rate by calendar year. Based on review of historical inflation in paid and outstanding loss & expense weighted by the estimated percentage of overall cost by component - see Appendix B.

(c) Factor to adjust the birth year level outstanding loss & expense to 2018 level - based on factors shown in column (3).

(d) The 2018 level case outstanding as provided by NICA as of September 30, 2018. See Exhibit IX, Sheets 6a - 1, 2, and 3.

(e) The 2018 level case outstanding as provided by NICA as of September 30, 2018. See Exhibit IX, Sheets 4a, 4b and 4c.

Birth Year Level Loss & ALAE

Evaluated As of September 30, 2018

Year of Birth	Birth Year Level						Open (d) Accepted Claim Counts @ 9/30/18
	Ultimate (a) Loss & ALAE	Paid (b) Loss & ALAE @ 9/30/18	Incurred (c) Loss & ALAE @ 9/30/18	Case O/S Loss & ALAE @ 9/30/18 (4) - (3)	IBNR / Bulk Loss & ALAE @ 9/30/18 (2) - (4)	Case+IBNR Loss & ALAE @ 9/30/18 (2) - (3)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	21,980,154	11,795,772	19,461,475	7,665,703	2,518,679	10,184,382	4
1990	10,108,292	4,516,475	8,672,588	4,156,113	1,435,704	5,591,817	3
1991	21,426,727	6,403,827	19,569,492	13,165,665	1,857,235	15,022,901	4
1992	41,277,699	10,636,499	36,890,925	26,254,426	4,386,774	30,641,200	9
1993	37,594,975	15,885,415	33,295,893	17,410,478	4,299,082	21,709,561	8
1994	17,604,035	5,937,440	15,392,563	9,455,123	2,211,472	11,666,595	4
1995	26,520,705	7,705,698	23,765,576	16,059,878	2,755,129	18,815,008	5
1996	25,243,061	7,391,933	22,390,103	14,998,170	2,852,958	17,851,128	6
1997	32,953,786	8,957,226	28,957,267	20,000,041	3,996,519	23,996,560	8
1998	56,204,668	15,542,118	49,922,128	34,380,010	6,282,541	40,662,550	11
1999	22,879,992	9,610,940	20,140,420	10,529,480	2,739,573	13,269,052	3
2000	18,069,120	4,798,167	15,978,660	11,180,493	2,090,460	13,270,953	5
2001	24,701,504	6,534,250	22,327,378	15,793,128	2,374,126	18,167,254	4
2002	59,432,648	12,695,273	52,208,642	39,513,369	7,224,006	46,737,375	13
2003	15,707,145	3,880,533	13,927,675	10,047,142	1,779,470	11,826,612	3
2004	24,819,968	4,365,364	21,483,165	17,117,801	3,336,803	20,454,604	5
2005	31,373,147	6,361,318	25,829,210	19,467,892	5,543,937	25,011,829	7
2006	46,924,779	7,427,519	38,780,936	31,353,417	8,143,842	39,497,259	9
2007	39,397,089	8,001,482	31,973,137	23,971,655	7,423,952	31,395,606	7
2008	55,722,350	4,830,451	45,599,268	40,768,817	10,123,082	50,891,899	9
2009	63,758,674	6,656,115	51,564,953	44,908,837	12,193,721	57,102,558	10
2010	31,768,790	2,746,747	24,935,110	22,188,363	6,833,680	29,022,043	5
2011	56,525,249	4,106,493	42,016,290	37,909,797	14,508,960	52,418,756	10
2012	35,616,566	2,579,338	25,482,354	22,903,016	10,134,212	33,037,228	7
2013	45,048,098	3,532,114	29,709,247	26,177,133	15,338,851	41,515,984	8
2014	63,509,407	3,915,626	37,310,535	33,394,909	26,198,871	59,593,780	12
2015	65,025,496	2,086,510	35,924,617	33,838,107	29,100,879	62,938,986	12
2016	43,530,628	542,115	7,009,253	6,467,138	36,521,375	42,988,513	3
2017	70,306,584	427,219	7,064,197	6,636,978	63,242,388	69,879,365	3
2018 (9 Mo)	57,286,533	5,372	5,340,000	5,334,628	51,946,533	57,281,161	2
Totals:	1,162,317,868	189,875,348	812,923,055	623,047,706	349,394,813	972,442,520	199

Notes: (a) See Exhibit IV, Sheet 2, Column (8).
 (b) See Exhibit VIII, Sheet 1, Column (2).
 (c) See Exhibit VII, Sheet 1, Column (2).
 (d) See Exhibit X, Sheet 1d, Column (5).

Development of Birth Year Level Ultimate Loss & ALAE

Evaluated As of September 30, 2018

Ultimate Loss & ALAE - Birth Year Level								Prior	Increase or
Year of Birth	Paid Projection (a)	Incurred Projection (b)	Frequency/Severity (c)	Bornhuetter-Ferguson (d)	Cape Cod Method (e)	Incremental Payment Method (f)	Selected (g)	Selected Ultimate BY Level @ 6/30/18	(Decrease) From 6/30/18 to 9/30/18
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	31,848,584	21,388,161	23,017,376	21,534,924	21,505,439	22,246,677	21,980,154	21,983,702	(3,548)
1990	12,438,371	9,569,299	11,047,738	9,707,839	10,893,270	9,298,955	10,108,292	10,110,491	(2,199)
1991	18,165,223	21,679,271	20,988,833	21,612,079	22,139,776	25,986,102	21,426,727	21,430,446	(3,719)
1992	31,529,433	41,031,593	41,702,234	41,099,270	39,814,008	44,110,593	41,277,699	41,308,711	(31,012)
1993	49,490,144	37,181,184	38,305,112	37,298,630	36,420,427	43,171,832	37,594,975	37,602,340	(7,365)
1994	19,422,660	17,257,473	18,195,764	17,358,868	18,319,968	19,995,903	17,604,035	17,615,188	(11,153)
1995	26,467,367	26,698,221	26,218,382	26,645,513	26,858,275	33,021,734	26,520,705	26,498,539	22,166
1996	26,659,138	25,203,322	25,310,569	25,215,293	25,666,742	24,485,379	25,243,061	25,217,543	25,518
1997	34,081,136	32,595,622	33,562,222	32,703,515	32,379,751	40,051,073	32,953,786	32,999,784	(45,998)
1998	62,388,304	56,194,626	56,221,727	56,197,651	53,178,546	63,668,314	56,204,668	56,259,254	(54,585)
1999	40,894,482	22,444,266	23,629,757	22,565,954	23,000,402	22,239,335	22,879,992	22,908,525	(28,533)
2000	21,539,058	17,877,672	18,396,866	17,932,822	18,750,544	16,116,742	18,069,120	18,087,733	(18,613)
2001	31,092,304	25,105,819	24,013,734	24,984,959	25,488,762	27,690,416	24,701,504	24,724,496	(22,991)
2002	64,033,183	59,175,181	59,866,226	59,256,536	55,856,240	61,903,783	59,432,648	59,468,580	(35,932)
2003	20,942,968	15,912,425	15,364,880	15,844,130	18,099,330	15,758,491	15,707,145	15,709,860	(2,715)
2004	25,138,057	24,912,771	24,668,051	24,879,082	26,435,157	26,710,813	24,819,968	24,844,027	(24,059)
2005	39,379,192	30,551,678	32,686,152	30,881,610	31,990,288	30,198,584	31,373,147	31,413,990	(40,844)
2006	49,657,775	46,788,854	47,137,036	46,848,446	45,709,705	50,021,294	46,924,779	46,991,878	(67,099)
2007	58,309,645	39,153,934	39,770,347	39,266,984	40,302,404	36,758,484	39,397,089	39,455,302	(58,213)
2008	38,545,330	56,677,942	54,279,903	56,209,204	55,103,345	54,671,148	55,722,350	55,672,626	49,724
2009	58,690,416	65,054,429	61,834,779	64,386,813	62,377,106	59,913,508	63,758,674	64,105,665	(346,991)
2010	27,004,734	32,244,630	31,080,913	31,980,827	37,104,200	37,664,296	31,768,790	31,951,013	(182,223)
2011	47,034,682	56,778,001	56,176,206	56,621,541	56,296,857	48,215,527	56,525,249	57,103,937	(578,687)
2012	34,565,369	36,156,904	34,905,376	35,787,417	42,191,857	37,472,476	35,616,566	35,942,804	(326,238)
2013	55,616,748	44,262,164	46,036,564	44,845,567	50,410,771	37,486,538	45,048,098	45,543,873	(495,775)
2014	75,528,038	61,145,594	64,602,307	62,493,049	63,432,864	53,860,610	63,509,407	64,291,163	(781,756)
2015	56,345,004	60,934,910	66,775,895	63,332,300	64,968,292	64,660,534	65,025,496	62,758,892	2,266,604
2016	27,815,041	22,482,121	38,626,924	33,593,457	58,371,503	37,512,609	43,530,628	52,238,386	(8,707,759)
2017	71,239,763	54,380,049	69,410,887	67,458,318	74,050,548	55,681,711	70,306,584	70,824,908	(518,324)
2018 (9 Mo)	N/A	N/A	56,405,565	56,860,685	58,593,349	48,960,359	57,286,533	37,057,697	N/A
Totals:									
All Years	N/A	N/A	1,160,238,323	1,145,403,283	1,195,709,725	1,149,533,820	1,162,317,868	N/A	N/A
1989 - 2017	1,155,862,148	1,060,838,115	1,103,832,758	1,088,542,598	1,137,116,376	1,100,573,461	1,105,031,335	1,115,063,657	(10,032,322)
1989 - 2016	1,084,622,385	1,006,458,067	1,034,421,871	1,021,084,280	1,063,065,827	1,044,891,750	1,034,724,751	1,044,238,749	(9,513,998)

- Notes: (a) See Exhibit VIII, Sheet 1, Column (5).
 (b) See Exhibit VII, Sheet 1, Column (5).
 (c) See Exhibit VI, Sheet 1, Column (14).
 (d) See Exhibit V, Column (6).
 (e) See Exhibit VI, Sheet 2, Column (11).
 (f) See Appendix E, Exhibit I, Sheet 1, Column (7).
 (g) Selected based on average of columns (3), (4) & (5) for birth years 2013 and prior. The selection for birth years 2014 and subsequent is based on average of columns (4), (5) & (6).

Estimation of Ultimate Loss & ALAE - Adjusted to Birth Year Level
 Based on Bornhuetter-Ferguson Approach
 Evaluated As of September 30, 2018

Year of Birth	Birth Year Level Initial Expected Ultimate (a) Loss & ALAE	Expected Percent (b) Unreported @ 9/30/18	Birth Year Level Expected Unreported Loss & ALAE (2) x (3)	Birth Year (c) Level Reported Loss & ALAE	Indicated Birth Year Level Ultimate Loss & ALAE (4) + (5)
(1)	(2)	(3)	(4)	(5)	(6)
1989	23,017,376	9.0%	2,073,449	19,461,475	21,534,924
1990	11,047,738	9.4%	1,035,251	8,672,588	9,707,839
1991	20,988,833	9.7%	2,042,587	19,569,492	21,612,079
1992	41,702,234	10.1%	4,208,345	36,890,925	41,099,270
1993	38,305,112	10.4%	4,002,737	33,295,893	37,298,630
1994	18,195,764	10.8%	1,966,305	15,392,563	17,358,868
1995	26,218,382	11.0%	2,879,937	23,765,576	26,645,513
1996	25,310,569	11.2%	2,825,190	22,390,103	25,215,293
1997	33,562,222	11.2%	3,746,248	28,957,267	32,703,515
1998	56,221,727	11.2%	6,275,524	49,922,128	56,197,651
1999	23,629,757	10.3%	2,425,534	20,140,420	22,565,954
2000	18,396,866	10.6%	1,954,162	15,978,660	17,932,822
2001	24,013,734	11.1%	2,657,581	22,327,378	24,984,959
2002	59,866,226	11.8%	7,047,894	52,208,642	59,256,536
2003	15,364,880	12.5%	1,916,455	13,927,675	15,844,130
2004	24,668,051	13.8%	3,395,917	21,483,165	24,879,082
2005	32,686,152	15.5%	5,052,400	25,829,210	30,881,610
2006	47,137,036	17.1%	8,067,509	38,780,936	46,848,446
2007	39,770,347	18.3%	7,293,847	31,973,137	39,266,984
2008	54,279,903	19.5%	10,609,936	45,599,268	56,209,204
2009	61,834,779	20.7%	12,821,860	51,564,953	64,386,813
2010	31,080,913	22.7%	7,045,718	24,935,110	31,980,827
2011	56,176,206	26.0%	14,605,251	42,016,290	56,621,541
2012	34,905,376	29.5%	10,305,064	25,482,354	35,787,417
2013	46,036,564	32.9%	15,136,320	29,709,247	44,845,567
2014	64,602,307	39.0%	25,182,514	37,310,535	62,493,049
2015	66,775,895	41.0%	27,407,684	35,924,617	63,332,300
2016	38,626,924	68.8%	26,584,204	7,009,253	33,593,457
2017	69,410,887	87.0%	60,394,121	7,064,197	67,458,318
2018 (9 Mo)	56,405,565	91.3%	51,520,685	5,340,000	56,860,685
Totals:	1,160,238,323		332,480,228	812,923,055	1,145,403,283

Notes: (a) See Exhibit VI, Sheet 1, Column (14).

(b) Based on cumulative development factors shown in Exhibit VII, Sheet 1, Col. (4) for all birth years prior to the current birth year. The percent unreported for the current birth year is adjusted to account for the partial year.

(c) See Exhibit VII, Sheet 1, Column (2).

Estimated Ultimate Loss & Expense Based on Frequency / Severity Method - Birth Year Cost Level

Year of Birth	Birth Year Level Ultimate Loss & ALAE Based On			Inflation Incurred Basis (c)	Adjustment Factor to 2018 Level (6)	Estimated 2018 Level Ultimate Loss & ALAE (4) x (6) (7)	Estimated Ultimate Accepted Claim Cts. (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)
	Adjusted Paid Proj. (a)	Adjusted Inc. Proj. (b)	Selected (4)					Birth Year Level (9) / (8)	2018 Level (7) / (8)				
	(2)	(3)	(4)					(9)	(10)				
1989	31,848,584	21,388,161	21,388,161	0.90%	1.429	30,562,099	11.0	1,944,378	2,778,373	3,588,554	90.99%	2,092,489	23,017,376
1990	12,438,371	9,569,299	9,569,299	0.70%	1.416	13,551,538	7.0	1,367,043	1,935,934	3,620,935	90.63%	1,578,248	11,047,738
1991	18,165,223	21,679,271	21,679,271	0.59%	1.406	30,488,746	4.0	5,419,818	7,622,186	3,646,149	90.27%	5,247,208	20,988,833
1992	31,529,433	41,031,593	41,031,593	0.54%	1.398	57,369,328	13.0	3,156,276	4,413,025	3,667,481	89.91%	3,207,864	41,702,234
1993	49,490,144	37,181,184	37,181,184	0.50%	1.391	51,704,233	13.0	2,860,091	3,977,249	3,687,452	89.55%	2,946,547	38,305,112
1994	19,422,660	17,257,473	17,257,473	0.43%	1.384	23,879,814	7.0	2,465,353	3,411,402	3,705,745	89.19%	2,599,395	18,195,764
1995	26,467,367	26,698,221	26,698,221	0.43%	1.378	36,785,511	6.0	4,449,703	6,130,918	3,721,644	89.02%	4,369,730	26,218,382
1996	26,659,138	25,203,322	25,203,322	0.34%	1.372	34,576,317	7.0	3,600,475	4,939,474	3,737,733	88.84%	3,615,796	25,310,569
1997	34,081,136	32,595,622	32,595,622	0.32%	1.367	44,565,792	11.0	2,963,238	4,051,436	3,750,480	88.84%	3,051,111	33,562,222
1998	62,388,304	56,194,626	56,194,626	0.39%	1.363	76,585,781	15.0	3,746,308	5,105,719	3,762,495	88.84%	3,748,115	56,221,727
1999	40,894,482	22,444,266	22,444,266	0.46%	1.358	30,470,693	9.0	2,493,807	3,385,633	3,777,047	89.74%	2,625,529	23,629,757
2000	21,539,058	17,877,672	17,877,672	0.40%	1.351	24,161,005	6.0	2,979,612	4,026,834	3,794,244	89.38%	3,066,144	18,396,866
2001	31,092,304	25,105,819	25,105,819	0.44%	1.346	33,794,130	4.0	6,276,455	8,448,532	3,809,451	88.93%	6,003,433	24,013,734
2002	64,033,183	59,175,181	59,175,181	0.38%	1.340	79,305,538	17.0	3,480,893	4,665,032	3,826,180	88.23%	3,521,543	59,866,226
2003	20,942,968	15,912,425	15,912,425	0.39%	1.335	21,244,064	3.0	5,304,142	7,081,355	3,840,856	87.53%	5,121,627	15,364,880
2004	25,138,057	24,912,771	24,912,771	4.59%	1.330	33,130,716	6.0	4,152,128	5,521,786	3,855,853	86.23%	4,111,342	24,668,051
2005	39,379,192	30,551,678	30,551,678	0.89%	1.272	38,847,272	11.0	2,777,425	3,531,570	4,032,773	84.54%	2,971,468	32,686,152
2006	49,657,775	46,788,854	46,788,854	4.50%	1.260	58,969,373	12.0	3,899,071	4,914,114	4,068,602	82.88%	3,928,086	47,137,036
2007	58,309,645	39,153,934	39,153,934	4.46%	1.206	47,223,993	10.0	3,915,393	4,722,399	4,251,498	81.66%	3,977,035	39,770,347
2008	38,545,330	56,677,942	56,677,942	1.39%	1.155	65,443,352	10.0	5,667,794	6,544,335	4,440,970	80.45%	5,427,990	54,279,903
2009	58,690,416	65,054,429	65,054,429	0.36%	1.139	74,089,035	11.0	5,914,039	6,735,367	4,502,484	79.26%	5,621,344	61,834,779
2010	27,004,734	32,244,630	32,244,630	0.44%	1.135	36,592,387	6.0	5,374,105	6,098,731	4,518,517	77.33%	5,180,152	31,080,913
2011	47,034,682	56,778,001	56,778,001	0.46%	1.130	64,148,506	12.0	4,731,500	5,345,709	4,538,610	74.00%	4,681,350	56,176,206
2012	34,565,369	36,156,904	36,156,904	8.91%	1.125	40,661,809	7.0	5,165,272	5,808,830	4,559,674	70.48%	4,986,482	34,905,376
2013	55,616,748	44,262,164	44,262,164	0.71%	1.033	45,705,083	10.0	4,426,216	4,570,508	4,965,894	67.12%	4,603,656	46,036,564
2014	75,528,038	61,145,594	61,145,594	0.20%	1.025	62,696,283	14.0	4,367,542	4,478,306	5,000,951	61.02%	4,614,450	64,602,307
2015	56,345,004	60,934,910	60,934,910	1.86%	1.023	62,354,264	15.0	4,062,327	4,156,951	5,011,056	58.96%	4,451,726	66,775,895
2016	27,815,041	22,482,121	22,482,121	0.27%	1.005	22,584,617	9.0	2,498,013	2,509,402	5,104,507	31.18%	4,291,880	38,626,924
2017	71,239,763	54,380,049	54,380,049	0.19%	1.002	54,481,689	14.0	3,884,289	3,891,549	5,118,212	12.99%	4,957,920	69,410,887
2018 (9 Mo)	N/A	N/A	N/A		1.000	N/A	11.0	N/A	N/A	5,127,779	N/A	5,127,779	56,405,565
Totals / Averages:													
1992 - 2010	725,265,325	672,061,642	672,061,642			868,738,335	177	3,796,958	4,908,126				672,244,654
1992 - 2011	772,300,007	728,839,644	728,839,644			932,886,841	189	3,856,294	4,935,909				728,420,860
1992 - 2012	806,865,376	764,996,548	764,996,548			973,548,650	196	3,903,044	4,967,085				763,326,235
1994 - 2010	644,245,748	593,848,866	593,848,866			759,664,774	151	3,932,774	5,030,893				592,237,308
1995 - 2011	671,857,770	633,369,394	633,369,394			799,933,466	156	4,060,060	5,127,779				630,217,750
1996 - 2012	679,955,772	642,828,078	642,828,078			803,809,764	157	4,094,446	5,119,807				638,904,744
1997 - 2013	708,913,382	661,886,919	661,886,919			814,938,529	160	4,136,793	5,093,366				659,630,738

(15) Selected 2018 Level Average Claim Size ==> 5,127,779

Notes: (a) See Exhibit VIII, Sheet 1.

(b) See Exhibit VII, Sheet 1.

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

(d) Based on ultimate reported accepted claim counts for AAA and AAD only (Excluding DA claims). See Exhibit X, Sheet 1a, Column (10).

(e) See Exhibit VII, Sheet 1, Column (4) for basis of reporting pattern for all years other than the current birth year.

(f) The historical birth year level average claim size is based on a combination (wt. 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 September 30, 2018

Year of Birth	Insured (a) Physicians	Birth Year Level (b) Incurred Loss & ALAE @ 9/30/18	Expected Percent (c) Reported @ 9/30/18	Exposure Adjusted to Expected Percent Reported (2) X (4)	Adjustment Factor to (d) 2018 Level	Incurred (Reported) Loss & ALAE Adjusted to BY 2018 Level (3) X (6)	2018 Level Loss & ALAE per Insured Physician (7) / (5)	Indicated (e) BY Level Unreported Loss & ALAE	Indicated BY Level Ultimate Loss & ALAE (3) + (10)
1989	570	19,461,475	90.99%	518.7	1.429	27,809,007	53,618	2,043,964	21,505,439
1990	590	8,672,588	90.63%	534.7	1.416	12,281,663	22,969	2,220,682	10,893,270
1991	653	19,569,492	90.27%	589.5	1.406	27,521,648	46,690	2,570,284	22,139,776
1992	712	36,890,925	89.91%	640.1	1.398	51,579,952	80,575	2,923,083	39,814,008
1993	731	33,295,893	89.55%	654.6	1.391	46,301,340	70,731	3,124,534	36,420,427
1994	659	15,392,563	89.19%	587.8	1.384	21,299,269	36,236	2,927,405	18,319,968
1995	682	23,765,576	89.02%	607.1	1.378	32,744,836	53,938	3,092,699	26,858,275
1996	708	22,390,103	88.84%	629.0	1.372	30,716,875	48,837	3,276,639	25,666,742
1997	737	28,957,267	88.84%	654.7	1.367	39,591,315	60,469	3,422,484	32,379,751
1998	699	49,922,128	88.84%	621.0	1.363	68,037,202	109,565	3,256,418	53,178,546
1999	665	20,140,420	89.74%	596.7	1.358	27,342,954	45,821	2,859,983	23,000,402
2000	620	15,978,660	89.38%	554.1	1.351	21,594,562	38,969	2,771,883	18,750,544
2001	676	22,327,378	88.93%	601.2	1.346	30,054,160	49,991	3,161,383	25,488,762
2002	730	52,208,642	88.23%	644.1	1.340	69,969,104	108,638	3,647,598	55,856,240
2003	785	13,927,675	87.53%	687.1	1.335	18,594,302	27,063	4,171,654	18,099,330
2004	841	21,483,165	86.23%	725.2	1.330	28,569,790	39,394	4,951,992	26,435,157
2005	891	25,829,210	84.54%	753.3	1.272	32,842,528	43,600	6,161,079	31,990,288
2006	897	38,780,936	82.88%	743.5	1.260	48,876,758	65,741	6,928,769	45,709,705
2007	963	31,973,137	81.66%	786.4	1.206	38,563,153	49,038	8,329,267	40,302,404
2008	987	45,599,268	80.45%	794.1	1.155	52,651,328	66,305	9,504,077	55,103,345
2009	1,044	51,564,953	79.26%	827.5	1.139	58,726,172	70,967	10,812,153	62,377,106
2010	1,071	24,935,110	77.33%	828.2	1.135	28,297,276	34,167	12,169,091	37,104,200
2011	1,091	42,016,290	74.00%	807.4	1.130	47,470,537	58,798	14,280,567	56,296,857
2012	1,119	25,482,354	70.48%	788.6	1.125	28,657,282	36,338	16,709,503	42,191,857
2013	1,143	29,709,247	67.12%	767.2	1.033	30,677,750	39,987	20,701,524	50,410,771
2014	1,208	37,310,535	61.02%	737.1	1.025	38,256,753	51,901	26,122,329	63,432,864
2015	1,273	35,924,617	58.96%	750.5	1.023	36,761,407	48,982	29,043,675	64,968,292
2016	1,318	7,009,253	31.18%	410.9	1.005	7,041,208	17,136	51,362,250	58,371,503
2017	1,356	7,064,197	12.99%	176.2	1.002	7,077,400	40,178	66,986,352	74,050,548
2018 (9 Mo)	1,335	5,340,000	6.50%	86.7	1.000	5,340,000	61,584	53,253,349	58,593,349

Totals / Averages:

1992 - 2010	15,098	575,363,008		12,936		746,352,877	57,697	97,492,191	672,855,200
1992 - 2011	16,189	617,379,298		13,743		793,823,414	57,762	111,772,759	729,152,057
1992 - 2012	17,308	642,861,652		14,532		822,480,696	56,599	128,482,261	771,343,913
1994 - 2010	13,655	505,176,190		11,641		648,471,585	55,706	91,444,574	596,620,764
1995 - 2011	14,087	531,799,917		11,861		674,642,854	56,881	102,797,736	634,597,653
1996 - 2012	14,524	533,516,695		12,042		670,555,301	55,684	116,414,540	649,931,235
1997 - 2013	14,959	540,835,839		12,180		670,516,175	55,049	133,839,425	674,675,264

(9) Indicated 2018 Level Loss & ALAE per Insured Physician

56,881

Notes: (a) See Exhibit X, Sheet 1c, Columns (4) and (10).

(b) See Exhibit VII, Sheet 1.

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

(d) See Exhibit VI, Sheet 1, Column (6).

(e) Calculation = [Item (9) / Column (6)] X [1.0 - Column (4)] X Column (2), except for the current year (2018) - current year calculation is multiplied by 0.75 to account for the partial year.

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis

Evaluated As of September 30, 2018

Year of Birth ----- (1)	Combined Incurred Loss & ALAE ----- (2)	Loss Development Factors -----		Combined Incurred Loss & ALAE Projection (2) x (4) ----- (5)
		Incremental ----- (3)	Cumulative ----- (4)	
1989	19,461,475	1.099	1.099	21,388,161
1990	8,672,588	1.004	1.103	9,569,299
1991	19,569,492	1.004	1.108	21,679,271
1992	36,890,925	1.004	1.112	41,031,593
1993	33,295,893	1.004	1.117	37,181,184
1994	15,392,563	1.004	1.121	17,257,473
1995	23,765,576	1.002	1.123	26,698,221
1996	22,390,103	1.002	1.126	25,203,322
1997	28,957,267	1.000	1.126	32,595,622
1998	49,922,128	1.000	1.126	56,194,626
1999	20,140,420	0.990	1.114	22,444,266
2000	15,978,660	1.004	1.119	17,877,672
2001	22,327,378	1.005	1.124	25,105,819
2002	52,208,642	1.008	1.133	59,175,181
2003	13,927,675	1.008	1.143	15,912,425
2004	21,483,165	1.015	1.160	24,912,771
2005	25,829,210	1.020	1.183	30,551,678
2006	38,780,936	1.020	1.206	46,788,854
2007	31,973,137	1.015	1.225	39,153,934
2008	45,599,268	1.015	1.243	56,677,942
2009	51,564,953	1.015	1.262	65,054,429
2010	24,935,110	1.025	1.293	32,244,630
2011	42,016,290	1.045	1.351	56,778,001
2012	25,482,354	1.050	1.419	36,156,904
2013	29,709,247	1.050	1.490	44,262,164
2014	37,310,535	1.100	1.639	61,145,594
2015	35,924,617	1.035	1.696	60,934,910
2016	7,009,253	1.891	3.207	22,482,121
2017	7,064,197	2.400	7.698	54,380,049
2018	5,340,000	2.000	15.396	82,214,431
Totals:	812,923,055			1,143,052,547

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis

Year of Birth	297	309	321	333	345	357
1989	21,688,082	20,459,263	19,778,786	19,960,494	19,616,703	19,461,475
1990	8,408,853	8,109,320	8,107,837	7,210,728	8,672,588	
1991	19,854,525	19,827,396	20,122,135	19,569,492		
1992	36,471,371	36,544,660	36,890,925			
1993	33,863,212	33,295,893				
1994	15,392,563					
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Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis
 Period to Period Development Factors

Year of Birth	9:21	21:33	33:45	45:57	57:69	69:81	81:93	93:105	105:117	117:129	129:141	141:153
1989			1.059	1.158	0.904	0.655	0.810	1.448	1.026	0.918	0.998	0.903
1990		2.671	1.417	0.859	0.831	0.996	0.836	0.964	0.968	1.015	1.041	1.193
1991		2.083	1.050	0.718	0.993	1.068	0.978	0.982	1.070	1.020	1.495	1.044
1992		1.934	0.784	1.048	1.039	0.874	1.037	1.036	0.971	1.249	1.072	1.065
1993		2.193	1.391	1.253	0.986	1.322	1.070	1.547	1.015	0.915	0.945	1.047
1994		1.374	0.883	1.099	1.493	1.461	0.693	1.341	0.621	0.963	1.084	1.062
1995		3.705	3.028	0.819	1.153	1.023	1.378	0.996	1.036	1.044	1.126	0.993
1996		2.352	1.323	1.038	2.640	1.145	0.929	1.023	1.183	0.969	1.105	0.923
1997		1.421	1.253	1.174	1.573	0.943	0.951	0.905	1.141	0.989	0.993	1.178
1998		1.546	1.256	1.284	1.275	1.049	0.992	1.077	1.116	1.051	0.934	1.038
1999		1.389	1.886	0.849	1.236	0.974	0.865	1.090	1.113	0.800	1.034	1.154
2000		1.798	1.050	0.893	0.760	0.961	1.080	0.959	1.217	1.027	0.923	0.917
2001		2.698	1.568	0.683	1.424	1.343	0.983	0.933	1.037	1.096	0.941	1.095
2002		1.917	1.408	0.941	1.544	0.956	1.440	1.017	0.960	1.121	1.002	0.905
2003		5.200	2.780	1.338	0.909	1.136	1.026	1.218	1.078	0.975	0.950	1.030
2004		16.837	3.907	1.117	1.300	0.698	1.130	1.001	0.934	1.039	1.005	0.991
2005		209.482	1.983	1.058	1.151	1.252	0.876	0.992	0.659	0.985	0.982	1.009
2006		2.185	1.888	1.211	1.356	1.062	0.931	0.992	1.046	1.011	0.917	0.997
2007		3.748	1.846	1.302	1.180	0.915	0.920	1.014	0.979	0.935	0.963	
2008		2.846	1.559	1.060	1.067	0.986	1.073	1.029	0.928	0.996		
2009	5.444	2.224	1.375	1.142	0.964	0.996	1.067	1.141	1.039			
2010	33.430	2.419	1.644	0.893	0.987	0.976	0.977	1.062				
2011	0.753	3.189	1.209	1.343	0.972	1.028	1.016					
2012	1.104	1.427	1.868	0.662	0.938	1.156						
2013	2.370	1.658	0.898	1.299	1.111							
2014	4.079	1.486	1.187	0.985								
2015		3.249	1.441									
2016	0.749	3.426										
2017	2.676											
Simple Avg. - Incremental	6.326	10.610	1.590	1.047	1.191	1.041	1.003	1.080	1.007	1.006	1.027	1.030
Wtd Avg. All - Incremental	2.226	2.141	1.416	1.045	1.139	1.023	1.009	1.072	0.996	1.003	0.998	1.017
Wtd Latest Five - Incremental	3.163	1.813	1.293	1.008	0.991	1.018	1.016	1.048	0.933	0.990	0.957	0.964
Wtd Latest Three - Incremental	3.125	2.046	1.183	0.932	1.004	1.046	1.027	1.078	0.982	0.984	0.949	0.999
Wtd Avg. All - Cumulative		4.225	1.973	1.393	1.333	1.171	1.144	1.134	1.058	1.062	1.059	1.062
Wtd Latest Five - Cumulative		2.051	1.131	0.875	0.868	0.876	0.861	0.847	0.808	0.866	0.875	0.914
Selected Incremental - Prior 9/30/17	3.500	10.000	1.400	1.075	1.150	1.045	1.040	1.035	1.025	1.020	1.020	1.020
Selected - Incremental	2.000	2.400	1.891	1.035	1.100	1.050	1.050	1.045	1.025	1.015	1.015	1.015
Selected - Cumulative	15.396	7.698	3.207	1.696	1.639	1.490	1.419	1.351	1.293	1.262	1.243	1.225

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

Year of Birth -----	153:165 -----	165:177 -----	177:189 -----	189:201 -----	201:213 -----	213:225 -----	225:237 -----	237:249 -----	249:261 -----	261:273 -----	273:285 -----	285:297 -----
1989	1.414	0.800	1.038	1.124	1.029	1.184	0.979	0.856	1.037	1.022	0.986	1.013
1990	1.180	0.966	1.037	1.013	0.854	0.770	0.881	1.010	0.786	0.991	1.042	0.933
1991	0.957	1.169	1.035	1.112	1.165	0.908	1.044	0.987	1.065	1.100	0.911	1.012
1992	1.031	1.238	1.242	0.999	0.949	1.079	1.007	1.062	1.012	0.937	0.960	0.989
1993	1.047	0.867	0.990	0.819	1.032	1.053	0.884	1.044	0.903	1.003	1.003	0.994
1994	1.070	1.152	0.967	1.008	1.028	1.328	0.872	0.987	1.000	1.006	0.961	1.004
1995	1.025	1.054	1.009	0.950	0.934	0.960	1.053	1.004	0.983	1.016	1.029	
1996	0.912	1.041	1.003	0.750	1.091	0.956	1.003	0.999	1.064	0.974		
1997	1.068	1.115	0.936	1.012	0.908	0.959	0.990	0.971	0.993			
1998	1.125	0.994	1.014	1.055	0.990	0.983	0.953	0.970				
1999	0.893	0.938	1.075	0.877	1.018	0.893	1.072					
2000	0.957	0.929	1.024	0.987	1.013	1.075						
2001	0.971	1.031	1.003	1.031	1.008							
2002	0.982	0.940	1.010	0.980								
2003	0.980	0.996	1.153									
2004	1.050	1.057										
2005	0.981											
2006												
2007												
2008												
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
Simple Avg. - Incremental	1.038	1.018	1.036	0.980	1.001	1.012	0.976	0.989	0.983	1.006	0.984	0.991
Wtd Avg. All - Incremental	1.031	0.999	1.028	0.969	0.993	1.008	0.972	0.992	0.987	0.998	0.980	0.995
Wtd Latest Five - Incremental	0.989	0.978	1.036	0.996	0.980	0.970	0.998	0.982	0.978	0.981	0.975	0.992
Wtd Latest Three - Incremental	1.003	0.975	1.029	0.993	1.013	0.977	0.985	0.976	1.010	0.997	1.002	0.994
Wtd Avg. All - Cumulative	1.044	1.013	1.015	0.987	1.019	1.026	1.019	1.048	1.056	1.070	1.072	1.094
Wtd Latest Five - Cumulative	0.948	0.958	0.979	0.945	0.949	0.968	0.998	1.000	1.019	1.042	1.063	1.090
Selected Incremental - Prior 9/30/17	1.020	1.020	1.020	1.010	1.005	1.002	1.000	1.000	1.004	1.004	0.985	1.000
Selected - Incremental	1.020	1.020	1.015	1.008	1.008	1.005	1.004	0.990	1.000	1.000	1.002	1.002
Selected - Cumulative	1.206	1.183	1.160	1.143	1.133	1.124	1.119	1.114	1.126	1.126	1.126	1.123

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

Year of Birth -----	297:309 -----	309:321 -----	321:333 -----	333:345 -----	345:357 -----	357:Ult. -----
1989	0.943	0.967	1.009	0.983	0.992	
1990	0.964	1.000	0.889	1.203		
1991	0.999	1.015	0.973			
1992	1.002	1.009				
1993	0.983					
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Simple Avg. - Incremental	0.978	0.998	0.957	1.093	0.992	
Wtd Avg. All - Incremental	0.983	1.000	0.974	1.041	0.992	
Wtd Latest Five - Incremental	0.983	1.000	0.974	1.041	0.992	
Wtd Latest Three - Incremental	0.994	1.010	0.974	1.041	0.992	
Wtd Avg. All - Cumulative	1.099	1.118	1.118	1.149	1.103	
Wtd Latest Five - Cumulative	1.099	1.118	1.118	1.149	1.103	
Selected Incremental - Prior 9/30/17	1.004	1.004	1.004	1.004	1.107	
Selected - Incremental	1.004	1.004	1.004	1.004	1.004	1.099
Selected - Cumulative	1.121	1.117	1.112	1.108	1.103	1.099

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis

Evaluated As of September 30, 2018

Year of Birth ----- (1)	Combined Paid Loss & ALAE ----- (2)	Loss Development Factors -----		Combined Paid Loss & ALAE Projection (2) x (4) ----- (5)
		Incremental ----- (3)	Cumulative ----- (4)	
1989	11,795,772	2.700	2.700	31,848,584
1990	4,516,475	1.020	2.754	12,438,371
1991	6,403,827	1.030	2.837	18,165,223
1992	10,636,499	1.045	2.964	31,529,433
1993	15,885,415	1.051	3.115	49,490,144
1994	5,937,440	1.050	3.271	19,422,660
1995	7,705,698	1.050	3.435	26,467,367
1996	7,391,933	1.050	3.607	26,659,138
1997	8,957,226	1.055	3.805	34,081,136
1998	15,542,118	1.055	4.014	62,388,304
1999	9,610,940	1.060	4.255	40,894,482
2000	4,798,167	1.055	4.489	21,539,058
2001	6,534,250	1.060	4.758	31,092,304
2002	12,695,273	1.060	5.044	64,033,183
2003	3,880,533	1.070	5.397	20,942,968
2004	4,365,364	1.067	5.759	25,138,057
2005	6,361,318	1.075	6.190	39,379,192
2006	7,427,519	1.080	6.686	49,657,775
2007	8,001,482	1.090	7.287	58,309,645
2008	4,830,451	1.095	7.980	38,545,330
2009	6,656,115	1.105	8.818	58,690,416
2010	2,746,747	1.115	9.832	27,004,734
2011	4,106,493	1.165	11.454	47,034,682
2012	2,579,338	1.170	13.401	34,565,369
2013	3,532,114	1.175	15.746	55,616,748
2014	3,915,626	1.225	19.289	75,528,038
2015	2,086,510	1.400	27.004	56,345,004
2016	542,115	1.900	51.308	27,815,041
2017	427,219	3.250	166.752	71,239,763
2018	5,372	100.000	16,675.235	89,573,192
Totals:	189,875,348			1,245,435,339

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis

Year of Birth	297	309	321	333	345	357
1989	10,062,823	10,460,006	10,857,453	11,251,533	11,551,184	11,795,772
1990	3,918,608	4,081,756	4,211,332	4,340,023	4,516,475	
1991	5,280,650	5,621,568	5,982,112	6,403,827		
1992	9,353,165	9,999,108	10,636,499			
1993	15,219,573	15,885,415				
1994	5,937,440					
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Paid Loss & ALAE - Adjusted to Birth Year Cost Basis
 Period to Period Development Factors

Year of Birth	9:21	21:33	33:45	45:57	57:69	69:81	81:93	93:105	105:117	117:129	129:141	141:153
1989			1.734	1.545	1.327	1.126	1.106	1.130	1.068	1.057	1.058	1.206
1990		3.896	1.532	1.234	1.070	1.171	1.058	1.059	1.043	1.044	1.028	1.053
1991		1.299	1.296	2.029	1.360	1.096	1.072	1.028	1.059	1.066	1.075	1.080
1992		24.524	2.853	1.492	1.173	1.125	1.086	1.079	1.063	1.062	1.074	1.092
1993		4.675	2.644	1.432	1.362	1.358	1.207	1.163	1.141	1.128	1.089	1.110
1994		3.306	1.257	1.232	1.412	1.111	1.106	1.079	1.030	1.016	1.174	1.013
1995		3.547	2.370	1.203	1.060	1.137	1.040	1.103	1.093	1.163	1.287	1.094
1996		3.421	1.296	1.496	1.388	1.262	1.121	1.100	1.085	1.090	1.073	1.072
1997		4.995	1.404	1.251	1.496	1.226	1.162	1.078	1.112	1.109	1.104	1.101
1998		2.570	1.875	1.264	1.170	1.355	1.168	1.115	1.122	1.099	1.113	1.098
1999		1.506	1.324	1.485	1.202	1.181	1.094	1.289	1.138	1.110	1.099	1.105
2000		1.117	1.785	1.225	1.105	1.085	1.061	1.061	1.053	1.081	1.062	1.060
2001		2.809	2.053	1.282	1.200	1.448	1.099	1.074	1.066	1.071	1.057	1.081
2002		3.574	1.947	1.441	1.297	1.333	1.215	1.157	1.122	1.110	1.122	1.123
2003		2.265	1.260	1.356	1.592	1.185	1.070	1.113	1.125	1.099	1.108	1.151
2004		3.093	1.536	1.336	1.252	1.131	1.189	1.073	1.081	1.095	1.073	1.063
2005		54.288	3.019	1.635	1.505	1.251	1.184	1.098	1.092	1.073	1.075	1.071
2006		4.585	1.987	1.668	1.916	1.253	1.152	1.114	1.095	1.091	1.102	1.080
2007		6.301	2.356	1.448	1.329	1.253	1.184	1.161	1.128	1.113	1.096	
2008		4.900	1.767	1.511	1.198	1.223	1.220	1.189	1.184	1.144		
2009	550.713	2.429	1.793	1.373	1.179	1.154	1.208	1.256	1.095			
2010	671.517	1.609	1.501	1.141	1.101	1.073	1.105	1.069				
2011	25.181	5.027	2.170	1.466	1.411	1.208	1.163					
2012	15.211	9.961	2.526	1.266	1.162	1.159						
2013	323.933	3.240	1.720	1.311	1.192							
2014	333.966	3.366	1.593	1.595								
2015		8.059	2.061									
2016	62.517	1.420										
2017	1,363.827											
Simple Avg. - Incremental		6.362	1.876	1.412	1.298	1.204	1.133	1.118	1.095	1.091	1.098	1.092
Wtd Avg. All - Incremental	158.966	2.861	1.797	1.393	1.285	1.212	1.145	1.130	1.101	1.094	1.097	1.097
Wtd Latest Five - Incremental	198.854	3.500	1.901	1.370	1.207	1.164	1.180	1.165	1.115	1.103	1.091	1.096
Wtd Latest Three - Incremental	145.577	3.207	1.759	1.412	1.249	1.153	1.168	1.191	1.128	1.114	1.093	1.073
Wtd Avg. All - Cumulative		138.556	48.433	26.950	19.351	15.064	12.425	10.848	9.602	8.723	7.974	7.268
Wtd Latest Five - Cumulative		175.710	50.208	26.415	19.280	15.973	13.718	11.629	9.978	8.952	8.115	7.435
Selected Incremental - Prior 9/30/17	100.000	4.000	1.800	1.325	1.200	1.200	1.150	1.125	1.100	1.100	1.100	1.075
Selected - Incremental	100.000	3.250	1.900	1.400	1.225	1.175	1.170	1.165	1.115	1.105	1.095	1.090
Selected - Cumulative	16,675.235	166.752	51.308	27.004	19.289	15.746	13.401	11.454	9.832	8.818	7.980	7.287

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

Year of Birth -----	153:165 -----	165:177 -----	177:189 -----	189:201 -----	201:213 -----	213:225 -----	225:237 -----	237:249 -----	249:261 -----	261:273 -----	273:285 -----	285:297 -----
1989	1.042	1.050	1.038	1.045	1.037	1.042	1.018	1.020	1.023	1.029	1.028	1.038
1990	1.106	1.099	1.105	1.080	1.059	1.028	1.026	1.024	1.030	1.028	1.034	1.059
1991	1.070	1.057	1.070	1.092	1.189	1.125	1.150	1.106	1.074	1.177	1.081	1.077
1992	1.074	1.049	1.064	1.059	1.074	1.072	1.087	1.057	1.077	1.086	1.069	1.067
1993	1.094	1.074	1.056	1.057	1.050	1.051	1.052	1.059	1.056	1.048	1.046	1.038
1994	1.016	1.025	1.028	1.023	1.028	1.022	1.031	1.038	1.033	1.031	1.031	1.036
1995	1.134	1.018	1.097	1.258	1.051	1.080	1.078	1.088	1.071	1.077	1.053	
1996	1.066	1.067	1.074	1.053	1.044	1.057	1.042	1.044	1.050	1.052		
1997	1.133	1.090	1.075	1.126	1.066	1.056	1.051	1.053	1.049			
1998	1.110	1.089	1.095	1.100	1.080	1.076	1.073	1.071				
1999	1.072	1.068	1.061	1.054	1.041	1.043	1.026					
2000	1.076	1.059	1.055	1.051	1.057	1.058						
2001	1.077	1.080	1.070	1.058	1.064							
2002	1.092	1.083	1.068	1.070								
2003	1.101	1.085	1.068									
2004	1.063	1.069										
2005	1.073											
2006												
2007												
2008												
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
Simple Avg. - Incremental	1.082	1.066	1.068	1.080	1.065	1.059	1.058	1.056	1.051	1.066	1.049	1.053
Wtd Avg. All - Incremental	1.082	1.069	1.067	1.076	1.059	1.057	1.054	1.056	1.051	1.060	1.048	1.049
Wtd Latest Five - Incremental	1.082	1.077	1.065	1.071	1.063	1.060	1.055	1.061	1.053	1.058	1.054	1.052
Wtd Latest Three - Incremental	1.077	1.080	1.068	1.063	1.052	1.061	1.053	1.060	1.056	1.055	1.045	1.047
Wtd Avg. All - Cumulative	6.627	6.125	5.731	5.372	4.994	4.716	4.460	4.233	4.009	3.813	3.598	3.433
Wtd Latest Five - Cumulative	6.781	6.267	5.818	5.463	5.101	4.797	4.526	4.291	4.043	3.840	3.629	3.442
Selected Incremental - Prior 9/30/17	1.075	1.075	1.060	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.045	1.040
Selected - Incremental	1.080	1.075	1.067	1.070	1.060	1.060	1.055	1.060	1.055	1.055	1.050	1.050
Selected - Cumulative	6.686	6.190	5.759	5.397	5.044	4.758	4.489	4.255	4.014	3.805	3.607	3.435

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

Year of Birth -----	297:309 -----	309:321 -----	321:333 -----	333:345 -----	345:357 -----	357:Ult. -----
1989	1.039	1.038	1.036	1.027	1.021	
1990	1.042	1.032	1.031	1.041		
1991	1.065	1.064	1.070			
1992	1.069	1.064				
1993	1.044					
1994						
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2017						
Simple Avg. - Incremental	1.052	1.049	1.046	1.034	1.021	
Wtd Avg. All - Incremental	1.050	1.051	1.045	1.031	1.021	
Wtd Latest Five - Incremental	1.050	1.051	1.045	1.031	1.021	
Wtd Latest Three - Incremental	1.055	1.057	1.045	1.031	1.021	
Wtd Avg. All - Cumulative	3.273	3.115	2.965	2.838	2.754	
Wtd Latest Five - Cumulative	3.273	3.115	2.965	2.838	2.754	
Selected Incremental - Prior 9/30/17	1.040	1.040	1.035	1.030	2.975	
Selected - Incremental	1.050	1.051	1.045	1.030	1.020	2.700
Selected - Cumulative	3.271	3.115	2.964	2.837	2.754	2.700

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

Year of Birth	9	21	33	45	57	69	81	93	105	117	129	141
1989			932,473	684,722	881,379	817,334	419,393	395,905	538,198	316,989	282,706	306,361
1990		167,098	483,865	346,372	233,446	86,331	225,147	90,117	96,803	73,922	79,317	52,268
1991		217,047	64,895	83,444	376,153	266,927	96,668	79,327	32,886	72,122	84,859	102,611
1992		19,543	459,736	887,865	672,206	353,389	298,187	231,096	231,954	198,080	208,486	263,025
1993		109,991	404,256	845,553	586,791	704,656	949,326	744,395	709,052	713,250	741,027	576,373
1994		354,812	818,136	301,300	342,605	747,783	284,233	302,410	248,058	102,982	57,142	619,319
1995		119,540	304,424	580,901	203,881	72,013	175,614	58,775	156,513	155,573	297,198	609,880
1996		221,749	536,793	224,875	487,426	571,287	534,987	312,013	289,366	270,735	312,038	275,403
1997		151,915	606,873	306,273	267,795	660,611	451,194	394,932	220,874	342,945	369,862	392,567
1998		421,569	662,027	947,900	535,607	436,437	1,067,555	684,829	547,545	648,408	590,686	739,846
1999		741,480	375,256	361,663	716,681	443,892	476,766	292,168	985,418	604,451	548,344	547,042
2000		802,959	94,130	704,598	360,988	206,279	184,195	144,500	152,161	141,192	225,105	187,348
2001		235,616	426,316	697,070	383,747	348,675	937,698	298,481	245,559	235,636	269,688	232,224
2002		245,315	631,406	829,869	753,132	731,178	1,063,526	916,526	813,974	728,302	740,825	912,652
2003		221,801	280,484	130,664	225,446	508,309	252,533	113,146	195,851	240,879	215,037	258,267
2004		247,760	518,660	410,500	395,083	396,138	258,687	421,127	192,804	229,888	292,638	247,015
2005		6,704	357,231	734,961	697,712	906,606	678,949	622,227	391,347	403,506	350,952	388,550
2006		111,500	399,673	504,701	678,609	1,552,422	820,767	617,064	535,198	494,985	521,984	638,442
2007		118,177	626,449	1,009,767	785,932	836,929	853,404	779,258	804,922	742,316	742,435	701,894
2008		128,240	500,074	481,792	567,432	332,231	447,734	540,970	567,626	656,536	607,817	
2009	894	491,526	703,708	948,862	799,754	527,002	535,360	833,129	1,240,363	575,518		
2010	1,063	712,981	434,924	575,190	243,505	199,147	159,043	243,389	177,505			
2011	5,143	124,357	521,526	761,728	657,823	851,401	607,740	576,775				
2012	3,952	56,155	538,600	913,886	402,276	311,043	353,426					
2013	1,253	404,697	909,165	946,737	702,567	567,696						
2014	1,372	456,663	1,083,493	914,048	1,460,050							
2015	-	125,620	886,705	1,074,185								
2016	6,107	375,684	160,324									
2017	313	426,906										
2018	5,372											

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

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

Year of Birth	153	165	177	189	201	213	225	237	249	261	273	285
1989	1,148,456	281,679	347,221	282,656	339,907	298,469	348,506	154,993	179,918	205,550	264,731	262,418
1990	102,292	215,712	222,024	260,509	219,075	174,774	87,342	84,489	77,972	102,576	97,708	121,455
1991	117,580	112,302	97,800	126,008	178,292	399,535	312,854	422,182	345,124	264,816	681,564	365,871
1992	351,071	310,431	218,402	303,066	295,665	391,542	408,332	528,997	378,372	541,450	648,381	567,671
1993	777,946	737,821	633,762	513,162	554,777	516,927	550,169	587,476	707,083	706,341	638,582	648,553
1994	56,352	68,615	106,644	123,241	105,684	130,768	104,527	149,923	191,437	172,888	166,588	173,257
1995	257,860	401,708	59,407	335,448	976,814	244,143	403,034	419,572	512,990	450,132	519,946	390,332
1996	290,993	284,850	311,245	363,279	280,254	247,387	334,317	260,698	284,092	334,573	363,572	
1997	420,083	609,565	465,193	424,003	766,337	451,023	408,472	395,797	431,457	419,457		
1998	712,908	877,418	787,072	919,630	1,059,783	931,826	953,129	988,813	1,029,133			
1999	642,335	486,066	488,189	469,018	443,669	351,448	388,952	248,101				
2000	191,856	257,669	217,011	214,301	207,335	244,954	261,586					
2001	348,992	359,665	403,248	379,659	337,184	394,791						
2002	1,032,420	862,516	848,013	751,303	834,316							
2003	399,962	306,782	285,145	246,227								
2004	229,240	243,118	282,707									
2005	391,581	430,993										
2006	552,175											
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Notes: (a) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit IX, Sheets 3a, 3b and 3c are adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 7a, 7b and 7c.

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

Year of Birth	297	309	321	333	345	357
1989	372,857	397,183	397,448	394,080	299,651	244,587
1990	217,994	163,148	129,577	128,691	176,451	
1991	379,785	340,918	360,543	421,715		
1992	586,218	645,943	637,391			
1993	562,303	665,841				
1994	208,738					
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Notes: (a) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit IX, Sheets 3a, 3b and 3c are adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 7a, 7b and 7c.

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

Year of Birth	9	21	33	45	57	69	81	93	105	117	129	141
1989			20,103,033	20,668,444	23,309,992	20,021,393	11,559,736	8,254,078	13,263,530	13,419,989	11,629,125	11,282,190
1990		5,830,273	15,366,610	21,699,289	18,270,953	14,881,340	14,590,388	11,852,868	11,276,648	10,783,407	10,886,815	11,362,704
1991		4,580,684	9,713,746	10,126,240	6,795,857	6,479,817	6,892,232	6,635,635	6,460,271	6,925,503	7,003,383	11,045,945
1992		10,856,363	20,549,602	15,124,134	15,247,706	15,570,048	13,012,104	13,363,089	13,711,026	13,027,427	16,903,400	18,116,001
1993		6,591,049	14,182,088	19,082,221	23,668,219	22,607,275	29,791,277	31,385,967	50,216,071	50,352,601	44,850,226	41,464,082
1994		5,692,933	7,135,661	5,862,652	6,249,712	9,475,556	14,743,124	9,033,826	12,938,264	6,647,591	6,213,705	6,411,483
1995		1,192,918	4,438,851	13,719,773	10,848,319	12,623,719	12,769,530	18,083,733	17,852,503	18,395,962	18,991,144	21,032,153
1996		2,448,088	5,520,426	7,323,513	7,148,462	20,709,390	23,484,513	21,311,993	21,581,008	25,851,938	24,629,167	27,330,754
1997		8,616,907	11,702,931	14,546,423	17,000,518	26,836,002	24,738,479	23,012,018	20,334,233	23,293,273	22,620,928	22,049,015
1998		11,007,407	16,589,925	20,174,414	25,952,844	33,362,137	34,094,362	33,107,888	35,492,714	39,579,774	41,330,586	37,445,865
1999		9,011,978	12,433,547	24,074,736	19,495,982	24,181,576	22,995,750	19,191,156	20,236,693	22,409,937	16,368,321	16,572,658
2000		11,302,651	20,867,218	21,259,040	18,453,328	13,353,371	12,560,759	13,607,360	12,794,190	16,006,765	16,287,352	14,604,302
2001		3,370,120	9,066,600	13,892,364	8,672,773	12,738,268	16,885,556	16,255,865	14,689,267	15,122,960	16,679,415	15,222,461
2002		10,425,692	19,579,451	27,093,656	24,648,336	38,651,433	35,726,002	52,407,786	52,594,428	49,499,149	55,580,171	54,785,512
2003		260,413	2,005,395	6,338,720	8,468,153	7,106,693	8,006,328	8,147,805	10,101,825	10,795,161	10,253,124	9,360,720
2004		17,438	3,698,602	16,268,562	17,923,203	23,371,454	15,467,661	17,341,098	17,163,749	15,615,195	16,057,460	15,916,128
2005		67,637	15,209,216	29,783,093	30,879,058	34,895,933	43,702,004	37,257,471	36,550,128	22,191,149	21,442,603	20,563,154
2006		5,922,647	12,675,316	23,882,312	28,450,246	37,640,352	39,368,947	35,737,646	34,871,305	36,207,676	36,157,120	32,018,016
2007		3,877,109	14,230,020	25,882,699	33,443,402	39,074,893	34,622,125	30,736,555	30,432,568	28,940,474	25,901,714	23,971,655
2008		8,900,341	25,069,307	38,960,630	40,814,080	43,321,753	42,249,100	44,960,149	45,784,876	41,551,911	40,768,817	
2009	2,231,606	11,661,304	25,834,700	35,022,187	39,492,775	37,440,409	36,733,130	38,636,220	43,530,245	44,908,837		
2010	208,937	6,306,182	15,832,718	26,196,544	22,979,384	22,460,648	21,706,591	20,904,533	22,188,363			
2011	10,599,857	7,860,755	24,827,701	29,386,897	39,305,803	37,296,435	37,809,774	37,909,797				
2012	12,056,048	13,248,757	18,394,783	33,967,527	21,580,887	19,814,499	22,903,016					
2013	5,833,747	13,421,341	21,611,613	18,322,506	23,776,165	26,177,133						
2014	5,268,629	21,038,072	30,392,577	35,440,309	33,394,909							
2015	-	7,547,201	23,913,042	33,838,107								
2016	2,723,988	1,664,015	6,467,138									
2017	2,639,687	6,636,978										
2018	5,334,628											

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

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

Year of Birth	153	165	177	189	201	213	225	237	249	261	273	285
1989	8,491,527	14,508,503	9,853,031	10,221,602	12,095,554	12,373,877	15,822,242	15,148,532	11,533,137	12,094,095	12,289,505	11,717,733
1990	13,823,834	16,456,362	15,600,319	16,008,140	16,029,134	13,079,372	9,265,962	7,693,906	7,727,627	5,253,566	5,075,635	5,316,306
1991	11,484,871	10,812,369	12,835,520	13,223,862	14,743,797	17,117,119	15,004,895	15,374,825	14,782,724	15,717,042	17,000,104	14,718,789
1992	19,194,794	19,600,407	25,114,730	32,033,301	31,703,078	29,416,035	31,788,414	31,518,872	33,518,237	33,474,564	30,229,987	28,108,580
1993	42,953,380	44,579,173	36,895,893	35,938,512	27,098,301	27,762,863	29,270,621	23,964,674	24,840,053	20,512,987	19,977,957	19,426,340
1994	7,012,613	7,735,172	9,452,819	8,873,912	8,874,116	9,118,214	13,564,072	11,047,415	10,645,663	10,475,426	10,399,943	9,596,660
1995	20,612,637	20,797,051	22,053,798	21,944,787	19,668,900	17,803,771	16,484,226	17,227,212	16,795,935	15,943,227	15,783,692	16,059,878
1996	24,637,026	21,804,267	22,587,567	22,293,151	15,116,852	16,753,571	15,422,532	15,227,841	14,918,425	15,970,891	14,998,170	
1997	26,294,723	27,797,100	31,126,454	28,354,188	28,002,396	24,338,102	22,637,400	21,935,638	20,629,764	20,000,041		
1998	38,438,089	43,348,513	42,250,629	42,056,679	43,887,019	42,401,866	40,514,365	36,972,263	34,380,010			
1999	19,418,199	16,141,606	14,194,112	15,363,738	12,028,706	12,048,696	9,418,032	10,529,480				
2000	12,927,763	11,969,007	10,647,488	10,778,665	10,384,701	10,332,986	11,180,493					
2001	16,729,333	15,746,652	15,994,076	15,676,750	16,006,143	15,793,128						
2002	47,726,463	45,847,526	41,627,952	41,429,980	39,513,369							
2003	9,326,700	8,773,954	8,446,258	10,047,142								
2004	15,518,231	16,234,355	17,117,801									
2005	20,409,968	19,467,892										
2006	31,353,417											
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Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit IX, Sheets 4a, 4b and 4c is adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 8a, 8b and 8c.

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

Year of Birth	297	309	321	333	345	357
1989	11,625,259	9,999,258	8,921,333	8,708,961	8,065,519	7,665,703
1990	4,490,245	4,027,564	3,896,505	2,870,705	4,156,113	
1991	14,573,874	14,205,828	14,140,023	13,165,665		
1992	27,118,207	26,545,552	26,254,426			
1993	18,643,639	17,410,478				
1994	9,455,123					
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Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit IX, Sheets 4a, 4b and 4c is adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 8a, 8b and 8c.

Incremental Paid Loss & ALAE - Actual

Year of Birth	297	309	321	333	345	357
1989	549,305	588,397	591,352	589,801	451,478	370,002
1990	317,394	238,573	190,600	190,565	262,343	
1991	546,859	493,790	525,715	617,392		
1992	836,817	928,252	919,659			
1993	795,494	945,773				
1994	292,464					
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Case Outstanding Loss & ALAE - Actual

Year of Birth -----	297 -----	309 -----	321 -----	333 -----	345 -----	357 -----
1989	15,958,939	13,825,986	12,357,266	12,305,154	11,421,528	10,873,028
1990	6,158,879	5,533,991	5,461,341	4,032,587	5,847,755	
1991	19,905,325	19,791,962	19,744,386	18,413,777		
1992	37,598,686	36,887,114	36,541,975			
1993	25,795,973	24,128,955				
1994	13,051,776					
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Incurred Loss & ALAE - Actual - Without Retroactive Payments

Year of Birth -----	297 -----	309 -----	321 -----	333 -----	345 -----	357 -----
1989	27,674,862	26,130,306	25,252,938	25,790,627	25,358,479	25,179,981
1990	10,749,856	10,363,540	10,481,490	9,243,301	11,320,812	
1991	26,645,315	27,025,742	27,503,881	26,790,665		
1992	49,083,413	49,300,093	49,874,613			
1993	44,051,704	43,330,459				
1994	19,829,729					
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Incurred Loss & ALAE - Actual - Without Retroactive Payments
 Period to Period Development Factors

Year of Birth	9:21	21:33	33:45	45:57	57:69	69:81	81:93	93:105	105:117	117:129	129:141	141:153
1989			1.065	1.164	0.909	0.660	0.815	1.450	1.030	0.922	1.002	0.912
1990		2.685	1.423	0.863	0.834	1.000	0.839	0.967	0.971	1.018	1.045	1.197
1991		2.092	1.054	0.722	0.998	1.071	0.981	0.985	1.074	1.023	1.499	1.048
1992		1.942	0.788	1.053	1.042	0.877	1.041	1.040	0.975	1.253	1.076	1.069
1993		2.202	1.397	1.257	0.989	1.327	1.075	1.551	1.019	0.919	0.949	1.092
1994		1.380	0.886	1.103	1.499	1.465	0.696	1.344	0.624	0.965	1.121	1.069
1995		3.716	3.036	0.822	1.157	1.027	1.382	0.999	1.039	1.027	1.136	1.036
1996		2.360	1.327	1.043	2.646	1.150	0.932	1.026	1.235	0.977	1.153	0.959
1997		1.427	1.258	1.178	1.579	0.946	0.954	0.945	1.151	1.030	1.032	1.186
1998		1.553	1.261	1.289	1.279	1.054	1.036	1.086	1.164	1.094	0.937	1.043
1999		1.394	1.892	0.852	1.240	1.017	0.872	1.135	1.156	0.799	1.039	1.163
2000		1.804	1.054	0.896	0.793	0.968	1.125	0.995	1.226	1.031	0.925	0.919
2001		2.707	1.573	0.712	1.436	1.400	1.021	0.935	1.041	1.103	0.944	1.184
2002		1.923	1.474	0.948	1.614	0.994	1.450	1.021	0.963	1.127	1.089	0.908
2003		5.399	2.812	1.398	0.942	1.143	1.030	1.225	1.083	1.054	0.953	1.031
2004		17.429	4.101	1.164	1.307	0.699	1.136	1.005	1.011	1.046	1.006	1.007
2005		219.446	2.071	1.063	1.156	1.258	0.881	1.080	0.661	0.986	0.997	1.011
2006		2.282	1.899	1.216	1.364	1.068	1.013	0.998	1.047	1.029	0.918	0.998
2007		3.776	1.854	1.308	1.186	0.998	0.926	1.016	0.996	0.937	0.964	
2008		2.858	1.566	1.066	1.167	0.993	1.075	1.049	0.930	0.998		
2009	5.462	2.233	1.381	1.247	0.969	0.996	1.086	1.143	1.040			
2010	33.579	2.429	1.796	0.898	0.988	0.993	0.978	1.064				
2011	0.757	3.495	1.215	1.345	0.989	1.029	1.017					
2012	1.212	1.434	1.870	0.672	0.938	1.158						
2013	2.387	1.661	0.914	1.302	1.113							
2014	4.086	1.514	1.189	0.986								
2015		3.255	1.443									
2016	0.752	3.430										
2017	2.681											
Simple Avg. - Incremental	6.364	11.031	1.615	1.060	1.205	1.054	1.016	1.094	1.021	1.020	1.041	1.046
Wtd Avg. All - Incremental	2.268	2.169	1.440	1.059	1.155	1.037	1.026	1.084	1.006	1.016	1.015	1.030
Wtd Latest Five - Incremental	3.181	1.822	1.305	1.010	0.995	1.023	1.021	1.054	0.935	0.997	0.961	0.968
Wtd Latest Three - Incremental	3.157	2.073	1.191	0.929	1.010	1.052	1.034	1.087	0.988	0.991	0.953	1.004
Wtd Avg. All - Cumulative		5.790	2.669	1.854	1.751	1.517	1.462	1.425	1.315	1.306	1.285	1.267
Wtd Latest Five - Cumulative		2.298	1.261	0.966	0.957	0.961	0.939	0.920	0.873	0.934	0.937	0.975

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

Year of Birth -----	153:165 -----	165:177 -----	177:189 -----	189:201 -----	201:213 -----	213:225 -----	225:237 -----	237:249 -----	249:261 -----	261:273 -----	273:285 -----	285:297 -----
1989	1.412	0.806	1.041	1.157	1.036	1.224	1.008	0.855	1.042	1.027	0.990	1.072
1990	1.184	0.970	1.082	1.021	0.888	0.795	0.881	1.014	0.784	0.995	1.108	0.934
1991	0.961	1.220	1.044	1.161	1.214	0.912	1.051	0.993	1.071	1.192	0.916	1.015
1992	1.073	1.248	1.296	1.039	0.952	1.085	1.012	1.068	1.096	0.941	0.961	1.005
1993	1.055	0.902	1.027	0.819	1.036	1.059	0.886	1.117	0.904	1.005	1.016	0.995
1994	1.105	1.193	0.969	1.011	1.033	1.345	0.930	0.992	1.002	1.020	0.959	1.006
1995	1.066	1.059	1.013	0.956	0.937	1.033	1.061	1.005	0.997	1.018	1.031	
1996	0.914	1.046	1.007	0.750	1.175	0.959	1.005	1.013	1.069	0.973		
1997	1.074	1.121	0.940	1.095	0.911	0.959	1.005	0.971	0.994			
1998	1.132	0.999	1.096	1.063	0.991	0.998	0.953	0.969				
1999	0.896	0.999	1.084	0.872	1.031	0.887	1.078					
2000	1.031	0.932	1.026	1.001	1.015	1.079						
2001	0.975	1.033	1.018	1.034	1.009							
2002	0.983	0.953	1.012	0.980								
2003	0.993	0.997	1.159									
2004	1.052	1.060										
2005	0.981											
2006												
2007												
2008												
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
Simple Avg. - Incremental	1.052	1.034	1.054	0.997	1.018	1.028	0.988	1.000	0.995	1.022	0.997	1.004
Wtd Avg. All - Incremental	1.039	1.013	1.050	0.985	1.004	1.020	0.983	1.004	1.006	1.010	0.987	1.009
Wtd Latest Five - Incremental	0.992	0.986	1.042	1.000	0.983	0.976	1.003	0.985	0.982	0.984	0.979	0.998
Wtd Latest Three - Incremental	1.008	0.984	1.034	0.996	1.018	0.986	0.990	0.979	1.017	1.002	1.009	1.001
Wtd Avg. All - Cumulative	1.230	1.183	1.168	1.112	1.129	1.124	1.103	1.122	1.118	1.112	1.101	1.115
Wtd Latest Five - Cumulative	1.007	1.015	1.030	0.989	0.989	1.006	1.031	1.028	1.044	1.064	1.081	1.103

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

Year of Birth -----	297:309 -----	309:321 -----	321:333 -----	333:345 -----	345:357 -----	357:Ult. -----
1989	0.944	0.966	1.021	0.983	0.993	
1990	0.964	1.011	0.882	1.225		
1991	1.014	1.018	0.974			
1992	1.004	1.012				
1993	0.984					
1994						
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2015						
2016						
2017						
Simple Avg. - Incremental	0.982	1.002	0.959	1.104	0.993	
Wtd Avg. All - Incremental	0.987	1.003	0.978	1.047	0.993	
Wtd Latest Five - Incremental	0.987	1.003	0.978	1.047	0.993	
Wtd Latest Three - Incremental	0.999	1.014	0.978	1.047	0.993	
Wtd Avg. All - Cumulative	1.105	1.120	1.117	1.143	1.091	1.099
Wtd Latest Five - Cumulative	1.105	1.120	1.117	1.143	1.091	1.099

Paid Loss & ALAE - Actual - Without Retroactive Payments

Year of Birth -----	297 -----	309 -----	321 -----	333 -----	345 -----	357 -----
1989	11,715,923	12,304,320	12,895,672	13,485,473	13,936,951	14,306,954
1990	4,590,976	4,829,549	5,020,149	5,210,714	5,473,057	
1991	6,739,991	7,233,781	7,759,496	8,376,888		
1992	11,484,727	12,412,979	13,332,638			
1993	18,255,730	19,201,504				
1994	6,777,952					
1995						
1996						
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2017						
2018						

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

Year of Birth	9:21	21:33	33:45	45:57	57:69	69:81	81:93	93:105	105:117	117:129	129:141	141:153
1989			1.745	1.558	1.337	1.131	1.110	1.136	1.071	1.060	1.062	1.221
1990		3.938	1.543	1.240	1.072	1.178	1.061	1.062	1.045	1.047	1.030	1.057
1991		1.304	1.304	2.061	1.369	1.099	1.074	1.029	1.062	1.070	1.080	1.086
1992		24.848	2.873	1.499	1.177	1.128	1.089	1.083	1.066	1.066	1.079	1.099
1993		4.715	2.666	1.438	1.369	1.367	1.212	1.169	1.147	1.134	1.093	1.117
1994		3.330	1.260	1.237	1.422	1.114	1.110	1.082	1.032	1.017	1.187	1.015
1995		3.571	2.386	1.206	1.061	1.141	1.042	1.108	1.098	1.174	1.307	1.101
1996		3.443	1.300	1.505	1.397	1.269	1.125	1.104	1.090	1.096	1.078	1.079
1997		5.033	1.408	1.256	1.509	1.233	1.167	1.081	1.118	1.115	1.114	1.121
1998		2.586	1.887	1.269	1.174	1.368	1.175	1.120	1.129	1.108	1.135	1.115
1999		1.511	1.330	1.497	1.208	1.188	1.098	1.305	1.148	1.130	1.116	1.123
2000		1.119	1.802	1.231	1.109	1.089	1.065	1.066	1.064	1.096	1.074	1.071
2001		2.828	2.071	1.289	1.206	1.465	1.105	1.086	1.077	1.082	1.066	1.094
2002		3.608	1.963	1.450	1.305	1.352	1.249	1.178	1.137	1.123	1.136	1.136
2003		2.282	1.265	1.365	1.625	1.212	1.079	1.128	1.140	1.111	1.120	1.167
2004		3.116	1.544	1.351	1.289	1.147	1.211	1.080	1.089	1.105	1.081	1.070
2005		54.948	3.093	1.711	1.544	1.267	1.194	1.103	1.097	1.077	1.080	1.075
2006		4.714	2.101	1.711	1.959	1.261	1.157	1.118	1.098	1.095	1.107	1.084
2007		6.868	2.389	1.457	1.337	1.258	1.189	1.165	1.131	1.117	1.099	
2008		4.932	1.775	1.519	1.201	1.227	1.224	1.194	1.189	1.148		
2009	555.276	2.443	1.803	1.378	1.182	1.157	1.212	1.262	1.097			
2010	677.845	1.614	1.506	1.143	1.103	1.075	1.107	1.071				
2011	25.383	5.054	2.178	1.469	1.416	1.211	1.166					
2012	15.299	10.014	2.534	1.268	1.165	1.161						
2013	325.730	3.249	1.725	1.314	1.194							
2014	335.416	3.380	1.598	1.600								
2015		8.106	2.066									
2016	62.930	1.422										
2017	1,369.328											
Simple Avg. - Incremental		6.443	1.893	1.424	1.309	1.212	1.140	1.124	1.101	1.099	1.107	1.102
Wtd Avg. All - Incremental		2.893	1.813	1.404	1.297	1.221	1.153	1.137	1.107	1.102	1.106	1.107
Wtd Latest Five - Incremental		3.513	1.907	1.373	1.210	1.168	1.184	1.168	1.119	1.108	1.097	1.104
Wtd Latest Three - Incremental		3.220	1.764	1.416	1.252	1.156	1.171	1.195	1.132	1.117	1.096	1.078
Wtd Avg. All - Cumulative		176.874	61.149	33.724	24.017	18.514	15.163	13.148	11.568	10.445	9.481	8.572
Wtd Latest Five - Cumulative		211.358	60.156	31.546	22.969	18.987	16.254	13.725	11.746	10.502	9.482	8.647

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

Year of Birth -----	153:165 -----	165:177 -----	177:189 -----	189:201 -----	201:213 -----	213:225 -----	225:237 -----	237:249 -----	249:261 -----	261:273 -----	273:285 -----	285:297 -----
1989	1.045	1.053	1.042	1.049	1.041	1.047	1.021	1.026	1.029	1.037	1.036	1.049
1990	1.116	1.108	1.116	1.088	1.066	1.032	1.033	1.030	1.038	1.036	1.043	1.074
1991	1.076	1.063	1.077	1.102	1.215	1.153	1.181	1.126	1.087	1.207	1.093	1.088
1992	1.080	1.053	1.071	1.067	1.092	1.088	1.106	1.069	1.093	1.103	1.082	1.079
1993	1.100	1.079	1.062	1.069	1.061	1.062	1.063	1.071	1.067	1.057	1.055	1.046
1994	1.018	1.028	1.035	1.029	1.035	1.027	1.039	1.048	1.041	1.038	1.039	1.045
1995	1.147	1.021	1.117	1.309	1.059	1.093	1.089	1.101	1.081	1.087	1.060	
1996	1.080	1.081	1.089	1.063	1.053	1.068	1.050	1.052	1.059	1.061		
1997	1.158	1.105	1.087	1.146	1.075	1.064	1.058	1.061	1.056			
1998	1.129	1.103	1.110	1.115	1.091	1.086	1.082	1.080				
1999	1.083	1.078	1.070	1.062	1.046	1.049	1.030					
2000	1.090	1.070	1.065	1.059	1.066	1.067						
2001	1.089	1.092	1.080	1.066	1.073							
2002	1.101	1.090	1.074	1.077								
2003	1.110	1.093	1.074									
2004	1.069	1.076										
2005	1.077											
2006												
2007												
2008												
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
Simple Avg. - Incremental	1.092	1.075	1.078	1.093	1.075	1.070	1.068	1.066	1.061	1.078	1.058	1.064
Wtd Avg. All - Incremental	1.092	1.078	1.076	1.087	1.068	1.067	1.063	1.066	1.061	1.072	1.058	1.059
Wtd Latest Five - Incremental	1.090	1.086	1.073	1.080	1.072	1.069	1.063	1.071	1.062	1.069	1.064	1.062
Wtd Latest Three - Incremental	1.083	1.088	1.075	1.071	1.059	1.070	1.061	1.068	1.064	1.064	1.053	1.056
Wtd Avg. All - Cumulative	7.743	7.091	6.580	6.114	5.623	5.263	4.931	4.638	4.350	4.098	3.824	3.615
Wtd Latest Five - Cumulative	7.832	7.185	6.616	6.167	5.708	5.324	4.982	4.688	4.379	4.122	3.856	3.624

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

Year of Birth -----	297:309 -----	309:321 -----	321:333 -----	333:345 -----	345:357 -----	357:Ult. -----
1989	1.050	1.048	1.046	1.033	1.027	
1990	1.052	1.039	1.038	1.050		
1991	1.073	1.073	1.080			
1992	1.081	1.074				
1993	1.052					
1994						
1995						
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2011						
2012						
2013						
2014						
2015						
2016						
2017						
Simple Avg. - Incremental	1.062	1.059	1.054	1.042	1.027	
Wtd Avg. All - Incremental	1.061	1.061	1.054	1.038	1.027	
Wtd Latest Five - Incremental	1.061	1.061	1.054	1.038	1.027	
Wtd Latest Three - Incremental	1.065	1.067	1.054	1.038	1.027	
Wtd Avg. All - Cumulative	3.413	3.218	3.034	2.878	2.772	2.700
Wtd Latest Five - Cumulative	3.413	3.218	3.034	2.878	2.772	2.700

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

Year of Birth C.Y Ending	1989 9/30/1989	1990 9/30/1990	1991 9/30/1991	1992 9/30/1992	1993 9/30/1993	1994 9/30/1994	1995 9/30/1995	1996 9/30/1996	1997 9/30/1997	1998 9/30/1998	1999 9/30/1999	2000 9/30/2000
Assumptions:												
I. Incremental Paid Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	1.75%	1.75%	1.49%	1.46%	1.62%	1.30%	1.00%	1.09%	0.91%	0.92%	0.97%	0.98%
B. Calendar Year - 10/1 to 9/30 (b)	1.75%	1.75%	1.56%	1.47%	1.58%	1.38%	1.08%	1.07%	0.95%	0.92%	0.96%	0.97%
II. Case O/S Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	0.81%	0.81%	0.53%	0.47%	0.42%	0.39%	0.35%	0.37%	0.24%	0.26%	0.35%	0.42%
B. Calendar Year - 10/1 to 9/30	0.81%	0.81%	0.60%	0.49%	0.43%	0.40%	0.36%	0.36%	0.27%	0.25%	0.32%	0.40%
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. Calendar Year - 10/1 to 9/30	0.90%	0.90%	0.70%	0.59%	0.54%	0.50%	0.43%	0.43%	0.34%	0.32%	0.39%	0.46%

Year of Birth	9	21	33	45	57	69	81	93	105	117	129	141
1989	1.000	1.017	1.033	1.048	1.065	1.080	1.091	1.103	1.113	1.124	1.134	1.145
1990	1.000	1.016	1.030	1.047	1.061	1.073	1.084	1.094	1.104	1.115	1.126	1.137
1991	1.000	1.015	1.031	1.045	1.056	1.067	1.078	1.087	1.098	1.109	1.120	1.133
1992	1.000	1.016	1.030	1.041	1.052	1.062	1.072	1.082	1.093	1.104	1.117	1.128
1993	1.000	1.014	1.025	1.036	1.046	1.055	1.065	1.076	1.087	1.099	1.111	1.125
1994	1.000	1.011	1.022	1.031	1.041	1.051	1.061	1.072	1.084	1.096	1.110	1.126
1995	1.000	1.011	1.020	1.030	1.040	1.050	1.060	1.073	1.084	1.098	1.114	1.126
1996	1.000	1.010	1.019	1.029	1.039	1.049	1.062	1.073	1.087	1.102	1.114	1.128
1997	1.000	1.009	1.019	1.029	1.039	1.052	1.063	1.076	1.092	1.104	1.117	1.157
1998	1.000	1.010	1.019	1.030	1.042	1.053	1.067	1.082	1.093	1.107	1.147	1.270
1999	1.000	1.010	1.020	1.032	1.043	1.057	1.071	1.083	1.097	1.136	1.258	1.268
2000	1.000	1.010	1.022	1.033	1.046	1.061	1.073	1.086	1.125	1.245	1.256	1.268
2001	1.000	1.012	1.022	1.036	1.050	1.062	1.075	1.114	1.233	1.243	1.255	1.265
2002	1.000	1.010	1.024	1.038	1.049	1.062	1.101	1.218	1.229	1.240	1.250	1.258
2003	1.000	1.013	1.027	1.039	1.051	1.089	1.206	1.216	1.227	1.238	1.245	1.252
2004	1.000	1.014	1.025	1.038	1.075	1.190	1.200	1.211	1.222	1.229	1.236	1.241
2005	1.000	1.011	1.023	1.060	1.174	1.183	1.195	1.205	1.212	1.219	1.224	1.231
2006	1.000	1.012	1.049	1.161	1.171	1.182	1.192	1.199	1.206	1.211	1.218	1.226
2007	1.000	1.036	1.147	1.156	1.167	1.177	1.184	1.191	1.196	1.203	1.211	1.216
2008	1.000	1.107	1.116	1.127	1.136	1.143	1.150	1.155	1.161	1.169	1.174	
2009	1.000	1.008	1.018	1.026	1.033	1.038	1.043	1.049	1.056	1.060		
2010	1.000	1.009	1.018	1.024	1.030	1.034	1.040	1.047	1.052			
2011	1.000	1.008	1.015	1.020	1.025	1.031	1.038	1.042				
2012	1.000	1.006	1.012	1.016	1.022	1.029	1.033					
2013	1.000	1.006	1.010	1.016	1.023	1.027						
2014	1.000	1.004	1.010	1.017	1.021							
2015	1.000	1.006	1.013	1.017								
2016	1.000	1.007	1.011									
2017	1.000	1.004										
2018	1.000											

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 9/30/08, 9/30/09, 9/30/10, 9/30/16, and 9/30/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

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

Year of Birth C.Y Ending	2001 9/30/2001	2002 9/30/2002	2003 9/30/2003	2004 9/30/2004	2005 9/30/2005	2006 9/30/2006	2007 9/30/2007	2008 9/30/2008	2009 9/30/2009	2010 9/30/2010	2011 9/30/2011	2012 9/30/2012
Assumptions:												
I. Incremental Paid Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%	7.62%	0.78%	1.00%	0.78%
B. Calendar Year - 10/1 to 9/30 (b)	1.03%	1.17%	1.04%	1.31%	1.41%	1.09%	1.24%	3.60%	10.70%	0.83%	0.94%	0.83%
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. Calendar Year - 10/1 to 9/30	0.33%	0.36%	0.31%	0.29%	4.94%	0.87%	4.86%	4.55%	0.35%	0.30%	0.39%	0.42%
III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)												
A. Accident Year - 1/1 to 12/31	0.38%	0.46%	0.36%	4.59%	0.92%	4.47%	0.58%	4.75%	1.08%	0.34%	0.48%	8.92%
B. Calendar Year - 10/1 to 9/30	0.40%	0.44%	0.38%	0.39%	4.59%	0.89%	4.50%	4.46%	1.39%	0.36%	0.44%	0.46%

Year of Birth	153	165	177	189	201	213	225	237	249	261	273	285
1989	1.157	1.171	1.183	1.199	1.215	1.229	1.244	1.289	1.427	1.438	1.452	1.464
1990	1.151	1.163	1.178	1.195	1.208	1.223	1.267	1.402	1.414	1.427	1.439	1.448
1991	1.145	1.160	1.176	1.189	1.204	1.247	1.381	1.392	1.405	1.417	1.426	1.434
1992	1.143	1.159	1.172	1.186	1.229	1.361	1.372	1.385	1.396	1.405	1.413	1.419
1993	1.141	1.154	1.168	1.210	1.340	1.351	1.363	1.375	1.383	1.391	1.397	1.405
1994	1.138	1.152	1.194	1.321	1.332	1.345	1.356	1.364	1.372	1.378	1.386	1.395
1995	1.140	1.181	1.307	1.318	1.331	1.342	1.350	1.357	1.363	1.371	1.381	1.386
1996	1.168	1.293	1.304	1.316	1.327	1.336	1.343	1.349	1.357	1.366	1.372	
1997	1.281	1.292	1.304	1.315	1.323	1.330	1.336	1.344	1.353	1.359		
1998	1.280	1.292	1.303	1.311	1.318	1.324	1.332	1.341	1.346			
1999	1.280	1.291	1.299	1.306	1.312	1.319	1.328	1.333				
2000	1.278	1.286	1.293	1.299	1.307	1.315	1.321					
2001	1.273	1.280	1.286	1.293	1.302	1.307						
2002	1.265	1.271	1.278	1.287	1.292							
2003	1.258	1.265	1.274	1.279								
2004	1.249	1.257	1.262									
2005	1.240	1.245										
2006	1.231											
2007												
2008												
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 9/30/08, 9/30/09, 9/30/10, 9/30/16, and 9/30/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

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

Year of Birth C.Y Ending	2013 9/30/2013	2014 9/30/2014	2015 9/30/2015	2016 9/30/2016	2017 9/30/2017	2018 9/30/2018
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%	0.34%
B. Calendar Year - 10/1 to 9/30 (b)	0.62%	0.56%	0.44%	0.59%	0.67%	0.40%
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%	0.14%
B. Calendar Year - 10/1 to 9/30	9.83%	0.72%	0.18%	2.01%	0.22%	0.16%
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%	0.16%
B. Calendar Year - 10/1 to 9/30	8.91%	0.71%	0.20%	1.86%	0.27%	0.19%

Year of Birth -----	297 -----	309 -----	321 -----	333 -----	345 -----	357 -----
1989	1.473	1.481	1.488	1.497	1.507	1.513
1990	1.456	1.462	1.471	1.481	1.487	
1991	1.440	1.448	1.458	1.464		
1992	1.427	1.437	1.443			
1993	1.415	1.420				
1994	1.401					
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Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 9/30/08, 9/30/09, 9/30/10, 9/30/16, and 9/30/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

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

Year of Birth C.Y Ending	1989 9/30/1989	1990 9/30/1990	1991 9/30/1991	1992 9/30/1992	1993 9/30/1993	1994 9/30/1994	1995 9/30/1995	1996 9/30/1996	1997 9/30/1997	1998 9/30/1998	1999 9/30/1999	2000 9/30/2000
Assumptions:												
I. Incremental Paid Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	1.75%	1.75%	1.49%	1.46%	1.62%	1.30%	1.00%	1.09%	0.91%	0.92%	0.97%	0.98%
B. Calendar Year - 10/1 to 9/30 (b)	1.75%	1.75%	1.56%	1.47%	1.58%	1.38%	1.08%	1.07%	0.95%	0.92%	0.96%	0.97%
II. Case O/S Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	0.81%	0.81%	0.53%	0.47%	0.42%	0.39%	0.35%	0.37%	0.24%	0.26%	0.35%	0.42%
B. Calendar Year - 10/1 to 9/30	0.81%	0.81%	0.60%	0.49%	0.43%	0.40%	0.36%	0.36%	0.27%	0.25%	0.32%	0.40%
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. Calendar Year - 10/1 to 9/30	0.90%	0.90%	0.70%	0.59%	0.54%	0.50%	0.43%	0.43%	0.34%	0.32%	0.39%	0.46%

Year of Birth	9	21	33	45	57	69	81	93	105	117	129	141
1989	1.000	1.008	1.014	1.019	1.023	1.028	1.031	1.035	1.038	1.040	1.044	1.048
1990	1.000	1.006	1.011	1.015	1.019	1.023	1.027	1.029	1.032	1.035	1.040	1.043
1991	1.000	1.005	1.009	1.013	1.017	1.021	1.023	1.026	1.029	1.033	1.037	1.040
1992	1.000	1.004	1.008	1.012	1.016	1.018	1.021	1.024	1.028	1.032	1.035	1.039
1993	1.000	1.004	1.008	1.011	1.014	1.017	1.020	1.024	1.027	1.031	1.034	1.037
1994	1.000	1.004	1.007	1.010	1.013	1.016	1.020	1.023	1.027	1.030	1.033	1.037
1995	1.000	1.004	1.006	1.009	1.012	1.016	1.020	1.023	1.026	1.029	1.033	1.037
1996	1.000	1.003	1.005	1.009	1.013	1.016	1.020	1.023	1.026	1.029	1.033	1.037
1997	1.000	1.003	1.006	1.010	1.013	1.017	1.020	1.023	1.026	1.029	1.033	1.037
1998	1.000	1.003	1.007	1.011	1.014	1.017	1.020	1.023	1.026	1.029	1.033	1.037
1999	1.000	1.004	1.007	1.011	1.014	1.017	1.020	1.023	1.026	1.029	1.033	1.037
2000	1.000	1.003	1.007	1.010	1.013	1.016	1.020	1.023	1.026	1.029	1.033	1.037
2001	1.000	1.004	1.007	1.010	1.013	1.016	1.020	1.023	1.026	1.029	1.033	1.037
2002	1.000	1.003	1.006	1.010	1.013	1.016	1.020	1.023	1.026	1.029	1.033	1.037
2003	1.000	1.003	1.006	1.010	1.013	1.016	1.020	1.023	1.026	1.029	1.033	1.037
2004	1.000	1.003	1.006	1.010	1.013	1.016	1.020	1.023	1.026	1.029	1.033	1.037
2005	1.000	1.009	1.058	1.106	1.110	1.113	1.117	1.122	1.232	1.241	1.243	1.268
2006	1.000	1.049	1.096	1.100	1.103	1.108	1.112	1.222	1.231	1.233	1.258	1.260
2007	1.000	1.046	1.049	1.052	1.056	1.061	1.165	1.174	1.176	1.199	1.202	1.204
2008	1.000	1.004	1.007	1.010	1.015	1.114	1.123	1.125	1.147	1.150	1.152	
2009	1.000	1.003	1.007	1.011	1.111	1.119	1.121	1.143	1.146	1.148		
2010	1.000	1.004	1.008	1.107	1.115	1.117	1.140	1.142	1.144			
2011	1.000	1.004	1.103	1.111	1.113	1.135	1.138	1.140				
2012	1.000	1.098	1.106	1.108	1.130	1.133	1.135					
2013	1.000	1.007	1.009	1.029	1.032	1.033						
2014	1.000	1.002	1.022	1.024	1.026							
2015	1.000	1.020	1.022	1.024								
2016	1.000	1.002	1.004									
2017	1.000	1.002										
2018	1.000											

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 9/30/08, 9/30/09, 9/30/10, 9/30/16, and 9/30/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

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

Year of Birth C.Y Ending	2001 9/30/2001	2002 9/30/2002	2003 9/30/2003	2004 9/30/2004	2005 9/30/2005	2006 9/30/2006	2007 9/30/2007	2008 9/30/2008	2009 9/30/2009	2010 9/30/2010	2011 9/30/2011	2012 9/30/2012
Assumptions:												
I. Incremental Paid Inflation Per Year												
A. Accident Year - 1/1 to 12/31 (a)	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%	7.62%	0.78%	1.00%	0.78%
B. Calendar Year - 10/1 to 9/30 (b)	1.03%	1.17%	1.04%	1.31%	1.41%	1.09%	1.24%	3.60%	10.70%	0.83%	0.94%	0.83%
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. Calendar Year - 10/1 to 9/30	0.33%	0.36%	0.31%	0.29%	4.94%	0.87%	4.86%	4.55%	0.35%	0.30%	0.39%	0.42%
III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - (10 % / 90 %)												
A. Accident Year - 1/1 to 12/31	0.38%	0.46%	0.36%	4.59%	0.92%	4.47%	0.58%	4.75%	1.08%	0.34%	0.48%	8.92%
B. Calendar Year - 10/1 to 9/30	0.40%	0.44%	0.38%	0.39%	4.59%	0.89%	4.50%	4.46%	1.39%	0.36%	0.44%	0.46%

Year of Birth	153	165	177	189	201	213	225	237	249	261	273	285
1989	1.051	1.055	1.058	1.061	1.114	1.124	1.178	1.232	1.236	1.240	1.245	1.250
1990	1.047	1.050	1.053	1.105	1.115	1.169	1.222	1.226	1.230	1.235	1.240	1.362
1991	1.044	1.047	1.098	1.108	1.162	1.215	1.219	1.223	1.227	1.232	1.354	1.363
1992	1.042	1.093	1.103	1.156	1.209	1.213	1.217	1.221	1.227	1.347	1.357	1.359
1993	1.088	1.098	1.151	1.204	1.208	1.211	1.216	1.221	1.341	1.351	1.353	1.381
1994	1.093	1.147	1.199	1.203	1.207	1.211	1.216	1.336	1.346	1.348	1.375	1.378
1995	1.142	1.194	1.199	1.202	1.207	1.212	1.331	1.341	1.343	1.370	1.373	1.375
1996	1.190	1.194	1.198	1.203	1.208	1.326	1.336	1.338	1.365	1.368	1.371	
1997	1.191	1.195	1.199	1.204	1.323	1.332	1.335	1.362	1.365	1.367		
1998	1.192	1.196	1.201	1.319	1.329	1.331	1.358	1.361	1.363			
1999	1.192	1.198	1.315	1.325	1.327	1.354	1.357	1.359				
2000	1.193	1.310	1.319	1.322	1.348	1.351	1.354					
2001	1.306	1.315	1.317	1.344	1.347	1.349						
2002	1.310	1.313	1.339	1.342	1.344							
2003	1.309	1.335	1.338	1.340								
2004	1.331	1.334	1.336									
2005	1.271	1.273										
2006	1.262											
2007												
2008												
2009												
2010												
2011												
2012												
2013												
2014												
2015												
2016												
2017												
2018												

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 9/30/08, 9/30/09, 9/30/10, 9/30/16, and 9/30/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

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

Year of Birth C.Y Ending	2013 9/30/2013	2014 9/30/2014	2015 9/30/2015	2016 9/30/2016	2017 9/30/2017	2018 9/30/2018
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%	0.34%
B. Calendar Year - 10/1 to 9/30 (b)	0.62%	0.56%	0.44%	0.59%	0.67%	0.40%
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%	0.14%
B. Calendar Year - 10/1 to 9/30	9.83%	0.72%	0.18%	2.01%	0.22%	0.16%
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%	0.16%
B. Calendar Year - 10/1 to 9/30	8.91%	0.71%	0.20%	1.86%	0.27%	0.19%

Year of Birth	297	309	321	333	345	357
1989	1.373	1.383	1.385	1.413	1.416	1.418
1990	1.372	1.374	1.402	1.405	1.407	
1991	1.366	1.393	1.396	1.399		
1992	1.386	1.390	1.392			
1993	1.384	1.386				
1994	1.380					
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2018						

Note: (a) See Appendix B, Exhibits I and II.

(b) These are interpolated inflation factors. Except for calendar years ending 9/30/08, 9/30/09, 9/30/10, 9/30/16, and 9/30/17, they are not interpolated due to the change in hourly rate for nursing care by parents and LPN from \$9.70 to \$15.00 and from \$24.45 to \$25.40 occurred for paid effective July 1, 2008 and July 1, 2016, respectively.

Ultimate Accepted Claim Counts
Evaluated As of September 30, 2018

Year of Birth	Reported Accepted Claim Counts				Ratio of AAD & AAA to the Combined [(3)+(4)]/(5)	IBNR Accepted Claim Counts		Ultimate Accepted Claim Counts AAD & AAA Only (3)+(4)+(9)
	DA (a)	AAD (b)	AAA (c)	Combined (2)+(3)+(4)		All Accepted Claim Counts	AAD & AAA Only (8) x (7)	
	(2)	(3)	(4)	(5)		(8)	(9)	
1989	4	7	4	15	73%	-	-	11
1990	3	4	3	10	70%	-	-	7
1991	4	-	4	8	50%	-	-	4
1992	1	4	9	14	93%	-	-	13
1993	2	5	8	15	87%	-	-	13
1994	9	3	4	16	44%	-	-	7
1995	5	1	5	11	55%	-	-	6
1996	10	1	6	17	41%	-	-	7
1997	6	3	8	17	65%	-	-	11
1998	3	4	11	18	83%	-	-	15
1999	9	6	3	18	50%	-	-	9
2000	7	1	5	13	46%	-	-	6
2001	9	-	4	13	31%	-	-	4
2002	5	4	13	22	77%	-	-	17
2003	6	-	3	9	33%	-	-	3
2004	7	1	5	13	46%	-	-	6
2005	2	4	7	13	85%	-	-	11
2006	1	3	9	13	92%	-	-	12
2007	5	3	7	15	67%	-	-	10
2008	1	1	9	11	91%	-	-	10
2009	6	1	10	17	65%	-	-	11
2010	6	1	5	12	50%	-	-	6
2011	2	2	10	14	86%	-	-	12
2012	4	-	7	11	64%	-	-	7
2013	3	1	8	12	75%	1.00	1.00	10
2014	3	-	12	15	80%	2.00	2.00	14
2015	5	1	11	17	71%	3.00	3.00	15
2016	3	-	3	6	50%	8.00	6.00	9
2017	2	1	3	6	67%	13.00	10.00	14
2018 (9 Mo)	-	-	2	2	100%	12.00	9.00	11
Totals All:	133	62	198	393	66%	39	31	291
Latest 3	5	1	8	14	64%	24	19	38
Latest 5	13	2	31	46	72%	27	22	62
Latest 10	34	7	71	112	70%	27	22	108
Latest 15	50	19	108	177	72%	27	22	150
Latest 20	86	30	136	252	66%	27	22	201
2005 - 2014	33	16	84	133	75%	3	3	103

(7) Selected Ratio of AAD & AAA to all accepted claims 75%

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 September 30, 2018.

(c) The accepted claims shown in Column (4), AAA, are accepted claims that are alive as of September 30, 2018.

Ultimate Accepted Claim Counts
Evaluated As of September 30, 2018

Year of Birth	Actual (a)	Reported Claim Cts. (b) @ 9/30/18	Loss Development Factors		Indicated Ultimate Reported Claim Cts. (3) x (5)	Ratio of Actual Accepted to Reported Claims (2) / (3)	Estimated Ultimate Accepted Claim Cts. (c)	Ratio of Ultimate Accepted to Ultimate Rept. Claims (8) / (6)	IBNR for All Accepted Claim Cts. (8) - (2)
	Accepted Claim Cts. @ 9/30/18		Incremental	Cumulative					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	15	32	1.000	1.000	32.0	0.46875	15	0.46875	-
1990	10	39	1.000	1.000	39.0	0.25641	10	0.25641	-
1991	8	38	1.000	1.000	38.0	0.21053	8	0.21053	-
1992	14	48	1.000	1.000	48.0	0.29167	14	0.29167	-
1993	15	40	1.000	1.000	40.0	0.37500	15	0.37500	-
1994	16	36	1.000	1.000	36.0	0.44444	16	0.44444	-
1995	11	26	1.000	1.000	26.0	0.42308	11	0.42308	-
1996	17	40	1.000	1.000	40.0	0.42500	17	0.42500	-
1997	17	47	1.000	1.000	47.0	0.36170	17	0.36170	-
1998	18	42	1.000	1.000	42.0	0.42857	18	0.42857	-
1999	18	40	1.000	1.000	40.0	0.45000	18	0.45000	-
2000	13	38	1.000	1.000	38.0	0.34211	13	0.34211	-
2001	13	41	1.000	1.000	41.0	0.31707	13	0.31707	-
2002	22	50	1.000	1.000	50.0	0.44000	22	0.44000	-
2003	9	23	1.000	1.000	23.0	0.39130	9	0.39130	-
2004	13	31	1.000	1.000	31.0	0.41935	13	0.41935	-
2005	13	41	1.000	1.000	41.0	0.31707	13	0.31707	-
2006	13	34	1.000	1.000	34.0	0.38235	13	0.38235	-
2007	15	36	1.000	1.000	36.0	0.41667	15	0.41667	-
2008	11	42	1.000	1.000	42.0	0.26190	11	0.26190	-
2009	17	50	1.000	1.000	50.0	0.34000	17	0.34000	-
2010	12	40	1.000	1.000	40.0	0.30000	12	0.30000	-
2011	14	42	1.010	1.010	42.4	0.33333	14	0.33003	-
2012	11	50	1.010	1.020	51.0	0.22000	11	0.21567	-
2013	12	32	1.025	1.046	33.5		13	0.38853	1
2014	15	43	1.125	1.176	50.6		17	0.33609	2
2015	17	41	1.135	1.335	54.7		20	0.36537	3
2016	6	18	1.400	1.869	33.6		14	0.41611	8
2017	6	14	2.500	4.673	65.4		19	0.29043	13
2018 (9 Mo)	2	4	3.500	16.355	49.1		14	0.28534	12
Totals:	393	1,098			1,234		432		39

Notes:(a) Based on individual claim detail provided by NICA as of September 30, 2018.
 (b) See Exhibit X, Sheets 2a and 2b.
 (c) Based on Column (2) for birth years 2012 and prior. See Exhibit X, Sheet 1c, Column (16) for birth years 2013 and subsequent.

Development of Ultimate Accepted Claim Counts (B/F Estimate)
Evaluated As of September 30, 2018

Year of Birth	Actual (a) Accepted Claim Cts. @ 9/30/18	Reported (a) Claim Cts. @ 9/30/18	Insured Physicians	Claim Frequency per Insured Physician Based on :		Ratio of Accepted to Reported Claims (2) / (3)
				Accepted Claim Cts. (2) / (4)	Reported Claims (3) / (4)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	15	32	570	0.0263	0.0561	0.4688
1990	10	39	590	0.0169	0.0661	0.2564
1991	8	38	653	0.0123	0.0582	0.2105
1992	14	48	712	0.0197	0.0674	0.2917
1993	15	40	731	0.0205	0.0547	0.3750
1994	16	36	659	0.0243	0.0546	0.4444
1995	11	26	682	0.0161	0.0381	0.4231
1996	17	40	708	0.0240	0.0565	0.4250
1997	17	47	737	0.0231	0.0638	0.3617
1998	18	42	699	0.0258	0.0601	0.4286
1999	18	40	665	0.0271	0.0602	0.4500
2000	13	38	620	0.0210	0.0613	0.3421
2001	13	41	676	0.0192	0.0607	0.3171
2002	22	50	730	0.0301	0.0685	0.4400
2003	9	23	785	0.0115	0.0293	0.3913
2004	13	31	841	0.0155	0.0369	0.4194
2005	13	41	891	0.0146	0.0460	0.3171
2006	13	34	897	0.0145	0.0379	0.3824
2007	15	36	963	0.0156	0.0374	0.4167
2008	11	42	987	0.0111	0.0426	0.2619
2009	17	50	1,044	0.0163	0.0479	0.3400
2010	12	40	1,071	0.0112	0.0373	0.3000
2011	14	42	1,091	0.0128	0.0385	0.3333
2012	11	50	1,119	0.0098	0.0447	0.2200
Subtotals:						
89 to 12	335	946	19,121	0.0175	0.0495	0.3541
89 to 02	207	557	9,432	0.0219	0.0591	0.3716
03 to 12	128	389	9,689	0.0132	0.0401	0.3290
07 to 12	80	260	6,275	0.0127	0.0414	0.3077
Selected Frequency =====>				0.0135	0.0400	0.3375

Year of Birth	Actual (a) Accepted Claim Cts. @ 9/30/18	Reported (a) Claims (a) @ 9/30/18	Insured Physicians @ 9/30/18	Estimated Claim Reporting Pattern - Based on :		Estimated (b) B/F Method Ultimate Reported (9) + {[1-(12)] X [(10) X (6)Sel]} (13)	Estimated Ultimate Accepted Based on		Final Selected Ultimate Accepted Claim Cts. (16)
				Accepted	Reported		Reported Claim Cts. (13) X (7) Sel.	Accepted (8) + {[1-(11)] x [(10) x (5)Sel]} (15)	
(1)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
2013	12	32	1,143	99.01%	95.64%	33.99	11.47	12.15	13
2014	15	43	1,208	93.41%	85.01%	50.24	16.96	16.08	17
2015	17	41	1,273	83.03%	74.90%	53.78	18.15	19.92	20
2016	6	18	1,318	62.66%	53.50%	42.51	14.35	12.64	14
2017	6	14	1,356	33.87%	21.40%	56.63	19.11	18.11	19
2018 (9 Mo)	2	4	1,335	7.97%	6.11%	40.60	13.70	13.94	14
Subtotals:									
	58	152	7,633			277.77	93.75	92.83	97.00

Notes: (a) Based on individual claim detail provided by NICA as of September 30, 2018. See Exhibit X, Sheet 1b.
(b) The formula shown below is adjusted by a factor of 0.75 for the 2018 birth year to account for only a nine-month period.

Open Accepted Claim Counts
Evaluated As of September 30, 2018

Year of Birth	Reported Open Accepted Claim Counts @ 9/30/18				IBNR Accepted Claim Counts			Total Open Accepted Claim Counts (Reported + IBNR)		
	DA (a)	AAD (b)	AAA (c)	Combined (2)+(3)+(4)	DA (8) - (7)	AAD & AAA Only (d)	Combined (d)	DA (2) + (6)	AAD & AAA Only (3)+(4)+(7)	Combined (9) + (10)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	-	-	4	4	-	-	-	-	4	4
1990	-	-	3	3	-	-	-	-	3	3
1991	-	-	4	4	-	-	-	-	4	4
1992	-	-	9	9	-	-	-	-	9	9
1993	-	-	8	8	-	-	-	-	8	8
1994	-	-	4	4	-	-	-	-	4	4
1995	-	-	5	5	-	-	-	-	5	5
1996	-	-	6	6	-	-	-	-	6	6
1997	-	-	8	8	-	-	-	-	8	8
1998	-	-	11	11	-	-	-	-	11	11
1999	-	-	3	3	-	-	-	-	3	3
2000	-	-	5	5	-	-	-	-	5	5
2001	-	-	4	4	-	-	-	-	4	4
2002	-	-	13	13	-	-	-	-	13	13
2003	-	-	3	3	-	-	-	-	3	3
2004	-	-	5	5	-	-	-	-	5	5
2005	-	-	7	7	-	-	-	-	7	7
2006	-	-	9	9	-	-	-	-	9	9
2007	-	-	7	7	-	-	-	-	7	7
2008	-	-	9	9	-	-	-	-	9	9
2009	-	-	10	10	-	-	-	-	10	10
2010	-	-	5	5	-	-	-	-	5	5
2011	-	-	10	10	-	-	-	-	10	10
2012	-	-	7	7	-	-	-	-	7	7
2013	-	-	8	8	-	1	1	-	9	9
2014	-	-	12	12	-	2	2	-	14	14
2015	1	-	11	12	-	3	3	1	14	15
2016	-	-	3	3	2	6	8	2	9	11
2017	-	-	3	3	3	10	13	3	13	16
2018 (9 Mo)	-	-	2	2	3	9	12	3	11	14
Totals All:	1	-	198	199	8	31	39	9	229	238

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 September 30, 2018.
 (c) AAA are accepted claims that are alive as of September 30, 2018.
 (d) See Exhibit X, Sheet 1a, Columns (9) and (8), respectively.

Reported Claim Counts

Year of Birth	297	309	321	333	345	357
1989	32	32	32	32	32	32
1990	39	39	39	39	39	
1991	38	38	38	38		
1992	48	48	48			
1993	40	40				
1994	36					
1995						
1996						
1997						
1998						
1999						
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2009						
2010						
2011						
2012						
2013						
2014						
2015						
2016						
2017						
2018						

Reported Claim Counts
 Period to Period Development Factors

Year of Birth	9:21	21:33	33:45	45:57	57:69	69:81	81:93	93:105	105:117	117:129	129:141	141:153
1989		8.000	1.250	1.200	1.125	1.111	1.067	1.000	1.000	1.000	1.000	1.000
1990		8.000	1.563	1.160	1.276	1.000	1.027	1.026	1.000	1.000	1.000	1.000
1991		2.667	1.500	1.208	1.138	1.030	1.059	1.028	1.000	1.000	1.000	1.000
1992		3.250	1.500	1.077	1.119	1.000	1.021	1.000	1.000	1.000	1.000	1.000
1993		4.000	1.214	1.029	1.029	1.111	1.000	1.000	1.000	1.000	1.000	1.000
1994		1.929	1.148	1.000	1.161	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1995		2.400	1.667	1.100	1.136	1.000	1.040	1.000	1.000	1.000	1.000	1.000
1996		1.889	1.294	1.273	1.357	1.026	1.000	1.000	1.026	1.000	1.000	1.000
1997		2.625	1.429	1.300	1.179	1.022	1.000	1.000	1.000	1.000	1.000	1.000
1998		2.273	1.280	1.094	1.114	1.077	1.000	1.000	1.000	1.000	1.000	1.000
1999		1.286	1.611	1.103	1.156	1.081	1.000	1.000	1.000	1.000	1.000	1.000
2000		1.467	1.364	1.100	1.121	1.027	1.000	1.000	1.000	1.000	1.000	1.000
2001		2.500	1.350	1.259	1.147	1.051	1.000	1.000	1.000	1.000	1.000	1.000
2002		2.000	1.321	1.081	1.250	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2003		1.375	1.273	1.214	1.235	1.000	1.095	1.000	1.000	1.000	1.000	1.000
2004		2.800	1.357	1.158	1.227	1.111	1.000	1.033	1.000	1.000	1.000	1.000
2005		2.714	1.579	1.167	1.057	1.081	1.000	1.025	1.000	1.000	1.000	1.000
2006		2.500	1.400	1.190	1.240	1.065	1.000	1.030	1.000	1.000	1.000	1.000
2007		2.571	1.444	1.154	1.067	1.000	1.125	1.000	1.000	1.000	1.000	
2008		2.667	1.500	1.083	1.423	1.000	1.081	1.050	1.000	1.000	1.000	
2009	7.000	1.714	1.333	1.188	1.237	1.021	1.000	1.042	1.000			
2010	4.333	1.538	1.550	1.129	1.114	1.000	1.000	1.026				
2011	1.800	2.333	1.571	1.152	1.053	1.000	1.050					
2012	2.750	2.909	1.344	1.070	1.087	1.000						
2013	3.000	1.583	1.421	1.148	1.032							
2014	5.500	2.636	1.276	1.162								
2015		3.375	1.519									
2016	2.000	1.800										
2017	14.000											
Simple Avg. - Incremental	5.048	2.743	1.410	1.146	1.163	1.034	1.025	1.012	1.001	1.000	1.000	1.000
Wtd Avg. All - Incremental	3.923	2.300	1.397	1.138	1.156	1.032	1.021	1.012	1.001	1.000	1.000	1.000
Wtd Latest Five - Incremental	4.583	2.404	1.414	1.129	1.106	1.005	1.046	1.031	1.000	1.000	1.000	1.000
Wtd Latest Three - Incremental	5.333	2.552	1.400	1.121	1.061	1.000	1.016	1.039	1.000	1.000	1.000	1.000
Selected Incremental - Prior 9/30/17	3.500	2.500	1.400	1.135	1.150	1.025	1.010	1.010	1.000	1.000	1.000	1.000
Selected - Incremental	3.500	2.500	1.400	1.135	1.125	1.025	1.010	1.010	1.000	1.000	1.000	1.000
Selected - Cumulative	16.355	4.673	1.869	1.335	1.176	1.046	1.020	1.010	1.000	1.000	1.000	1.000

Reported Claim Counts
 Period to Period Development Factors

Year of Birth -----	297:309 -----	309:321 -----	321:333 -----	333:345 -----	345:357 -----	357:Ult. -----
1989	1.000	1.000	1.000	1.000	1.000	
1990	1.000	1.000	1.000	1.000		
1991	1.000	1.000	1.000			
1992	1.000	1.000				
1993	1.000					
1994						
1995						
1996						
1997						
1998						
1999						
2000						
2001						
2002						
2003						
2004						
2005						
2006						
2007						
2008						
2009						
2010						
2011						
2012						
2013						
2014						
2015						
2016						
2017						
Simple Avg. - Incremental	1.000	1.000	1.000	1.000	1.000	
Wtd Avg. All - Incremental	1.000	1.000	1.000	1.000	1.000	
Wtd Latest Five - Incremental	1.000	1.000	1.000	1.000	1.000	
Wtd Latest Three - Incremental	1.000	1.000	1.000	1.000	1.000	
Selected Incremental - Prior 9/30/17	1.000	1.000	1.000	1.000	1.000	
Selected - Incremental	1.000	1.000	1.000	1.000	1.000	1.000
Selected - Cumulative	1.000	1.000	1.000	1.000	1.000	1.000

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2018 Level Basis (a)

Calendar Year	Birth Year 2009	Birth Year 2010	Birth Year 2011	Birth Year 2012	Birth Year 2013	Birth Year 2014	Birth Year 2015	Birth Year 2016	Birth Year 2017	Birth Year 2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year										
Future Payments Based on 2018 Level - After Mortality										
2018	0.68%	0.33%	0.38%	0.35%	0.45%	0.50%	0.46%	0.54%	0.44%	0.25%
2019	1.21%	1.42%	1.28%	1.48%	1.37%	1.78%	1.94%	1.82%	2.12%	1.72%
2020	2.46%	1.66%	1.40%	1.26%	1.46%	1.34%	1.75%	1.91%	1.78%	2.08%
2021	2.39%	1.86%	1.64%	1.38%	1.25%	1.43%	1.32%	1.72%	1.87%	1.75%
2022	2.63%	1.82%	1.84%	1.61%	1.36%	1.22%	1.40%	1.29%	1.68%	1.84%
2023	2.31%	1.73%	1.79%	1.81%	1.59%	1.34%	1.20%	1.38%	1.26%	1.66%
2024	2.82%	1.83%	1.70%	1.77%	1.79%	1.56%	1.31%	1.18%	1.35%	1.24%
2025	2.20%	2.07%	1.80%	1.68%	1.74%	1.75%	1.53%	1.29%	1.15%	1.33%
2026	2.17%	1.90%	2.04%	1.77%	1.66%	1.71%	1.72%	1.50%	1.26%	1.13%
2027	2.49%	1.92%	1.87%	2.01%	1.75%	1.62%	1.68%	1.69%	1.47%	1.24%
2028	2.06%	1.88%	1.89%	1.85%	1.98%	1.72%	1.59%	1.64%	1.65%	1.45%
2029	2.03%	1.87%	1.85%	1.87%	1.82%	1.95%	1.68%	1.56%	1.61%	1.63%
2030	2.09%	1.90%	1.84%	1.82%	1.84%	1.79%	1.91%	1.65%	1.53%	1.59%
2031	2.99%	2.05%	1.88%	1.82%	1.80%	1.80%	1.75%	1.87%	1.62%	1.51%
2032	2.68%	2.23%	2.02%	1.85%	1.79%	1.76%	1.77%	1.72%	1.84%	1.59%
2033	2.39%	2.33%	2.20%	1.99%	1.82%	1.76%	1.73%	1.74%	1.68%	1.81%
2034	2.33%	2.40%	2.30%	2.17%	1.96%	1.79%	1.72%	1.70%	1.70%	1.66%
2035	2.29%	2.34%	2.36%	2.27%	2.14%	1.93%	1.75%	1.69%	1.66%	1.67%
2036	2.30%	2.30%	2.31%	2.33%	2.24%	2.10%	1.89%	1.72%	1.66%	1.64%
2037	2.54%	2.38%	2.27%	2.28%	2.30%	2.20%	2.06%	1.85%	1.68%	1.63%
2038	2.59%	2.35%	2.35%	2.24%	2.24%	2.25%	2.15%	2.02%	1.82%	1.66%
2039	2.12%	2.37%	2.32%	2.31%	2.20%	2.20%	2.21%	2.11%	1.98%	1.79%
2040	2.07%	2.27%	2.34%	2.29%	2.28%	2.16%	2.16%	2.17%	2.07%	1.95%
2041	2.02%	2.20%	2.24%	2.30%	2.26%	2.24%	2.12%	2.12%	2.12%	2.04%
2042	2.12%	2.12%	2.18%	2.21%	2.27%	2.21%	2.19%	2.08%	2.07%	2.09%
2043	1.90%	2.07%	2.09%	2.14%	2.17%	2.23%	2.17%	2.15%	2.04%	2.04%
2044	1.85%	2.01%	2.05%	2.06%	2.11%	2.13%	2.18%	2.13%	2.11%	2.01%
2045	2.10%	1.97%	1.98%	2.02%	2.03%	2.07%	2.09%	2.14%	2.09%	2.07%
2046	1.73%	1.89%	1.94%	1.95%	1.99%	2.00%	2.03%	2.05%	2.10%	2.05%
2047	1.90%	1.83%	1.87%	1.91%	1.93%	1.95%	1.96%	1.99%	2.01%	2.07%
2048	1.63%	1.81%	1.81%	1.84%	1.88%	1.89%	1.91%	1.92%	1.95%	1.98%
2049	1.57%	1.75%	1.78%	1.78%	1.81%	1.85%	1.85%	1.88%	1.88%	1.92%
2050	1.53%	1.71%	1.73%	1.76%	1.76%	1.78%	1.81%	1.82%	1.84%	1.85%
2051	1.47%	1.66%	1.69%	1.71%	1.73%	1.72%	1.74%	1.78%	1.78%	1.81%
2052	1.79%	1.60%	1.64%	1.66%	1.68%	1.70%	1.69%	1.71%	1.74%	1.75%
2053	1.38%	1.55%	1.58%	1.62%	1.64%	1.65%	1.67%	1.66%	1.68%	1.72%
2054	1.32%	1.51%	1.53%	1.55%	1.59%	1.61%	1.62%	1.63%	1.62%	1.65%
2055	1.28%	1.46%	1.49%	1.51%	1.53%	1.56%	1.58%	1.59%	1.60%	1.60%
2056	1.23%	1.41%	1.44%	1.47%	1.48%	1.50%	1.53%	1.55%	1.55%	1.58%
2057	1.34%	1.37%	1.39%	1.42%	1.44%	1.46%	1.47%	1.51%	1.52%	1.53%
2058	1.14%	1.36%	1.35%	1.37%	1.40%	1.42%	1.43%	1.45%	1.47%	1.49%
2059	1.28%	1.30%	1.34%	1.33%	1.35%	1.38%	1.39%	1.40%	1.42%	1.45%
2060	1.05%	1.27%	1.28%	1.32%	1.31%	1.32%	1.35%	1.36%	1.37%	1.40%
2061	1.00%	1.22%	1.25%	1.27%	1.30%	1.29%	1.30%	1.32%	1.34%	1.35%
2062	1.04%	1.17%	1.20%	1.23%	1.25%	1.28%	1.26%	1.27%	1.30%	1.32%
2063	0.92%	1.13%	1.15%	1.18%	1.21%	1.22%	1.25%	1.24%	1.25%	1.28%
2064	0.88%	1.09%	1.12%	1.13%	1.17%	1.19%	1.20%	1.23%	1.22%	1.23%
2065	0.84%	1.06%	1.07%	1.10%	1.12%	1.15%	1.17%	1.18%	1.20%	1.20%
2066	0.92%	1.00%	1.04%	1.06%	1.09%	1.10%	1.12%	1.15%	1.15%	1.18%
2067	0.85%	0.95%	0.99%	1.03%	1.04%	1.07%	1.08%	1.10%	1.12%	1.14%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2018 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2018 Level Basis (a)

Calendar Year	Birth Year 2009	Birth Year 2010	Birth Year 2011	Birth Year 2012	Birth Year 2013	Birth Year 2014	Birth Year 2015	Birth Year 2016	Birth Year 2017	Birth Year 2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year										
Future Payments Based on 2018 Level - After Mortality										
2068	0.72%	0.92%	0.94%	0.97%	1.01%	1.02%	1.05%	1.06%	1.08%	1.10%
2069	0.68%	0.88%	0.91%	0.93%	0.96%	0.99%	1.00%	1.03%	1.03%	1.06%
2070	0.65%	0.84%	0.86%	0.89%	0.91%	0.94%	0.97%	0.98%	1.01%	1.02%
2071	0.61%	0.80%	0.83%	0.85%	0.88%	0.90%	0.92%	0.96%	0.96%	0.99%
2072	0.62%	0.76%	0.79%	0.81%	0.84%	0.86%	0.88%	0.91%	0.94%	0.95%
2073	0.62%	0.72%	0.75%	0.78%	0.80%	0.82%	0.85%	0.86%	0.89%	0.92%
2074	0.51%	0.68%	0.71%	0.74%	0.77%	0.79%	0.81%	0.83%	0.85%	0.87%
2075	0.48%	0.65%	0.67%	0.70%	0.73%	0.75%	0.77%	0.79%	0.81%	0.83%
2076	0.45%	0.61%	0.64%	0.66%	0.69%	0.71%	0.74%	0.76%	0.78%	0.80%
2077	0.47%	0.57%	0.60%	0.63%	0.65%	0.68%	0.70%	0.72%	0.74%	0.76%
2078	0.39%	0.54%	0.56%	0.59%	0.62%	0.64%	0.67%	0.69%	0.71%	0.73%
2079	0.36%	0.51%	0.54%	0.55%	0.58%	0.61%	0.63%	0.66%	0.67%	0.70%
2080	0.38%	0.48%	0.50%	0.53%	0.55%	0.57%	0.60%	0.61%	0.64%	0.66%
2081	0.31%	0.44%	0.47%	0.49%	0.52%	0.54%	0.56%	0.59%	0.60%	0.63%
2082	0.31%	0.41%	0.43%	0.46%	0.49%	0.51%	0.52%	0.55%	0.58%	0.59%
2083	0.27%	0.38%	0.40%	0.43%	0.46%	0.48%	0.50%	0.52%	0.54%	0.57%
2084	0.24%	0.35%	0.38%	0.40%	0.42%	0.45%	0.47%	0.49%	0.50%	0.53%
2085	0.22%	0.33%	0.35%	0.37%	0.39%	0.41%	0.44%	0.46%	0.48%	0.50%
2086	0.21%	0.30%	0.32%	0.34%	0.37%	0.39%	0.41%	0.43%	0.45%	0.47%
2087	0.23%	0.27%	0.29%	0.32%	0.33%	0.36%	0.38%	0.40%	0.42%	0.44%
2088	0.17%	0.25%	0.27%	0.29%	0.31%	0.33%	0.35%	0.37%	0.39%	0.42%
2089	0.15%	0.23%	0.24%	0.26%	0.28%	0.31%	0.32%	0.35%	0.36%	0.38%
2090	0.14%	0.20%	0.22%	0.24%	0.26%	0.28%	0.30%	0.32%	0.34%	0.36%
2091	0.12%	0.18%	0.20%	0.22%	0.24%	0.25%	0.27%	0.30%	0.31%	0.34%
2092	0.12%	0.16%	0.18%	0.20%	0.22%	0.23%	0.25%	0.27%	0.29%	0.31%
2093	0.10%	0.14%	0.16%	0.17%	0.19%	0.21%	0.23%	0.25%	0.26%	0.29%
2094	0.09%	0.12%	0.14%	0.16%	0.17%	0.19%	0.21%	0.22%	0.24%	0.26%
2095	0.08%	0.11%	0.12%	0.14%	0.15%	0.17%	0.19%	0.20%	0.22%	0.24%
2096	0.07%	0.09%	0.11%	0.12%	0.14%	0.15%	0.16%	0.18%	0.20%	0.22%
2097	0.06%	0.08%	0.09%	0.10%	0.12%	0.13%	0.15%	0.16%	0.18%	0.20%
2098	0.05%	0.07%	0.08%	0.09%	0.10%	0.12%	0.13%	0.14%	0.16%	0.18%
2099	0.04%	0.06%	0.07%	0.08%	0.09%	0.10%	0.11%	0.13%	0.14%	0.16%
2100	0.03%	0.05%	0.06%	0.06%	0.08%	0.09%	0.10%	0.11%	0.13%	0.14%
2101	0.03%	0.04%	0.05%	0.05%	0.06%	0.07%	0.09%	0.10%	0.11%	0.12%
2102	0.02%	0.03%	0.04%	0.05%	0.05%	0.06%	0.07%	0.08%	0.10%	0.11%
2103	0.02%	0.02%	0.03%	0.04%	0.04%	0.05%	0.06%	0.07%	0.08%	0.09%
2104	0.01%	0.02%	0.02%	0.03%	0.04%	0.04%	0.05%	0.06%	0.07%	0.08%
2105	0.01%	0.01%	0.02%	0.02%	0.03%	0.04%	0.04%	0.05%	0.06%	0.07%
2106	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%	0.04%	0.05%	0.06%
2107	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%	0.04%	0.05%
2108	0.02%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%	0.04%
2109	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%
2110	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%
2111	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%
2112	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%
2113	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%
2114	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%
2115	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%
2116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
2117	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2018 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2018 Level Basis (a)

Calendar Year	Birth Year 1999	Birth Year 2000	Birth Year 2001	Birth Year 2002	Birth Year 2003	Birth Year 2004	Birth Year 2005	Birth Year 2006	Birth Year 2007	Birth Year 2008
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year										
Future Payments Based on 2018 Level - After Mortality										
2018	0.69%	0.71%	0.92%	0.90%	1.07%	0.83%	0.85%	0.94%	1.04%	0.62%
2019	2.23%	2.08%	2.41%	1.98%	2.65%	1.58%	1.77%	1.65%	2.85%	1.11%
2020	2.73%	2.28%	2.43%	2.49%	3.67%	2.45%	2.59%	2.65%	3.50%	2.06%
2021	3.48%	2.16%	2.35%	2.44%	3.52%	2.38%	2.30%	2.57%	3.32%	2.02%
2022	3.38%	3.84%	3.12%	2.60%	3.73%	2.63%	2.32%	2.79%	3.61%	2.21%
2023	3.29%	3.53%	2.79%	2.32%	3.31%	2.29%	1.93%	2.60%	3.04%	1.96%
2024	3.93%	4.11%	3.41%	3.71%	3.95%	2.89%	2.27%	3.08%	3.65%	2.40%
2025	3.07%	3.17%	2.64%	2.98%	3.79%	2.17%	1.61%	2.47%	2.75%	1.88%
2026	3.62%	3.02%	2.60%	2.89%	3.67%	2.75%	1.52%	2.41%	2.64%	1.85%
2027	3.64%	3.43%	3.13%	3.14%	3.93%	3.09%	2.85%	2.68%	3.09%	2.12%
2028	3.38%	2.99%	2.78%	2.76%	3.38%	2.62%	2.43%	2.75%	2.47%	1.78%
2029	3.29%	2.84%	2.72%	2.72%	3.27%	2.58%	2.35%	2.69%	2.44%	1.75%
2030	3.17%	2.67%	2.64%	2.61%	3.16%	2.50%	2.24%	2.60%	2.32%	2.09%
2031	3.45%	3.01%	3.00%	3.02%	3.64%	3.12%	2.53%	2.92%	2.79%	2.32%
2032	2.97%	2.47%	2.76%	2.66%	3.17%	2.75%	2.51%	2.69%	2.42%	2.20%
2033	2.85%	2.24%	2.43%	2.41%	2.79%	2.43%	2.27%	2.41%	2.03%	1.97%
2034	2.75%	2.11%	2.36%	2.32%	2.67%	2.38%	2.20%	2.34%	2.24%	1.93%
2035	2.66%	1.99%	2.31%	2.27%	2.58%	2.33%	2.15%	2.28%	2.16%	2.21%
2036	2.56%	1.86%	2.34%	2.19%	2.45%	2.26%	2.08%	2.21%	2.06%	2.16%
2037	2.57%	1.90%	2.59%	2.38%	2.63%	2.53%	2.23%	2.40%	2.31%	2.37%
2038	2.67%	2.62%	2.43%	2.40%	2.70%	2.63%	2.28%	2.40%	2.33%	2.30%
2039	2.27%	2.21%	2.15%	1.99%	2.13%	2.09%	1.91%	2.02%	1.82%	2.02%
2040	2.18%	2.11%	2.08%	2.00%	2.03%	2.03%	1.86%	1.96%	1.75%	1.98%
2041	2.10%	2.01%	2.03%	1.96%	1.95%	1.99%	1.83%	1.90%	1.69%	1.94%
2042	2.01%	1.97%	2.15%	2.00%	2.00%	2.10%	1.88%	2.00%	1.81%	2.04%
2043	1.92%	1.83%	1.89%	1.81%	1.75%	1.87%	1.72%	1.78%	1.55%	1.84%
2044	1.84%	1.74%	1.84%	1.82%	1.67%	1.82%	1.70%	1.73%	1.62%	1.80%
2045	1.96%	1.81%	1.92%	1.92%	1.89%	2.14%	1.88%	1.91%	1.88%	1.94%
2046	1.67%	1.58%	1.71%	1.69%	1.49%	1.71%	1.60%	1.61%	1.50%	1.71%
2047	1.66%	1.60%	1.90%	1.82%	1.61%	1.91%	1.73%	1.75%	1.68%	1.88%
2048	1.51%	1.44%	1.59%	1.57%	1.33%	1.60%	1.51%	1.51%	1.39%	1.62%
2049	1.43%	1.38%	1.54%	1.53%	1.25%	1.55%	1.48%	1.46%	1.34%	1.58%
2050	1.36%	1.32%	1.49%	1.47%	1.19%	1.51%	1.45%	1.41%	1.29%	1.54%
2051	1.28%	1.26%	1.42%	1.40%	1.11%	1.45%	1.40%	1.36%	1.24%	1.50%
2052	1.35%	1.30%	1.62%	1.54%	1.36%	1.83%	1.64%	1.60%	1.58%	1.72%
2053	1.14%	1.15%	1.32%	1.31%	0.98%	1.36%	1.49%	1.29%	1.15%	1.41%
2054	1.07%	1.10%	1.26%	1.24%	0.91%	1.30%	1.44%	1.28%	1.11%	1.37%
2055	1.00%	1.05%	1.20%	1.24%	0.85%	1.25%	1.40%	1.23%	1.06%	1.33%
2056	0.94%	1.01%	1.16%	1.20%	0.80%	1.21%	1.37%	1.19%	1.03%	1.51%
2057	0.91%	1.02%	1.26%	1.26%	0.84%	1.32%	1.44%	1.27%	1.15%	1.61%
2058	0.81%	0.93%	1.05%	1.09%	0.68%	1.11%	1.28%	1.09%	0.95%	1.41%
2059	0.84%	0.91%	1.07%	1.11%	0.77%	1.29%	1.40%	1.16%	1.10%	1.48%
2060	0.70%	0.85%	0.95%	0.99%	0.58%	1.01%	1.20%	1.01%	0.87%	1.32%
2061	0.64%	0.82%	0.90%	0.94%	0.53%	0.96%	1.17%	0.96%	0.84%	1.28%
2062	0.59%	0.81%	0.95%	0.95%	0.55%	1.01%	1.20%	0.99%	0.90%	1.32%
2063	0.54%	0.76%	0.80%	0.84%	0.45%	0.87%	1.09%	0.88%	0.77%	1.19%
2064	0.49%	0.73%	0.75%	0.80%	0.41%	0.83%	1.05%	0.84%	0.74%	1.15%
2065	0.44%	0.70%	0.71%	0.76%	0.37%	0.79%	1.02%	0.80%	0.71%	1.11%
2066	0.44%	0.67%	0.70%	0.74%	0.41%	0.89%	1.08%	0.83%	0.82%	1.14%
2067	0.37%	0.67%	0.72%	0.73%	0.35%	0.80%	1.02%	0.80%	0.76%	1.12%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2018 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2018 Level Basis (a)

Calendar Year	Birth Year 1999	Birth Year 2000	Birth Year 2001	Birth Year 2002	Birth Year 2003	Birth Year 2004	Birth Year 2005	Birth Year 2006	Birth Year 2007	Birth Year 2008
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year										
Future Payments Based on 2018 Level - After Mortality										
2068	0.32%	0.61%	0.58%	0.63%	0.27%	0.66%	0.91%	0.69%	0.62%	0.97%
2069	0.28%	0.59%	0.54%	0.58%	0.24%	0.61%	0.86%	0.65%	0.59%	0.93%
2070	0.25%	0.56%	0.50%	0.54%	0.21%	0.57%	0.82%	0.61%	0.56%	0.89%
2071	0.22%	0.54%	0.46%	0.51%	0.19%	0.54%	0.79%	0.58%	0.53%	0.85%
2072	0.19%	0.53%	0.48%	0.50%	0.19%	0.54%	0.78%	0.58%	0.56%	0.86%
2073	0.18%	0.49%	0.40%	0.45%	0.18%	0.54%	0.78%	0.54%	0.58%	0.82%
2074	0.14%	0.46%	0.35%	0.41%	0.13%	0.42%	0.67%	0.48%	0.45%	0.72%
2075	0.12%	0.44%	0.32%	0.37%	0.11%	0.39%	0.63%	0.45%	0.42%	0.68%
2076	0.10%	0.41%	0.29%	0.34%	0.09%	0.35%	0.59%	0.42%	0.40%	0.64%
2077	0.08%	0.40%	0.30%	0.34%	0.10%	0.37%	0.61%	0.43%	0.44%	0.67%
2078	0.06%	0.36%	0.23%	0.29%	0.07%	0.29%	0.52%	0.36%	0.35%	0.57%
2079	0.05%	0.33%	0.20%	0.26%	0.06%	0.26%	0.48%	0.33%	0.33%	0.53%
2080	0.04%	0.31%	0.18%	0.24%	0.06%	0.27%	0.49%	0.32%	0.37%	0.52%
2081	0.03%	0.28%	0.15%	0.21%	0.04%	0.21%	0.41%	0.28%	0.28%	0.46%
2082	0.02%	0.27%	0.15%	0.20%	0.03%	0.20%	0.40%	0.27%	0.29%	0.45%
2083	0.02%	0.24%	0.11%	0.17%	0.02%	0.16%	0.35%	0.24%	0.24%	0.39%
2084	0.01%	0.21%	0.10%	0.15%	0.02%	0.14%	0.32%	0.21%	0.22%	0.36%
2085	0.01%	0.19%	0.08%	0.14%	0.01%	0.12%	0.29%	0.19%	0.20%	0.32%
2086	0.01%	0.17%	0.07%	0.12%	0.01%	0.10%	0.26%	0.17%	0.18%	0.29%
2087	0.00%	0.16%	0.06%	0.11%	0.01%	0.11%	0.26%	0.17%	0.23%	0.31%
2088	0.00%	0.13%	0.04%	0.09%	0.01%	0.07%	0.20%	0.14%	0.15%	0.24%
2089	0.00%	0.11%	0.03%	0.08%	0.00%	0.06%	0.18%	0.12%	0.13%	0.21%
2090	0.00%	0.09%	0.02%	0.07%	0.00%	0.05%	0.15%	0.11%	0.12%	0.19%
2091	0.00%	0.08%	0.02%	0.06%	0.00%	0.04%	0.13%	0.09%	0.10%	0.16%
2092	0.00%	0.07%	0.02%	0.05%	0.00%	0.04%	0.12%	0.08%	0.10%	0.15%
2093	0.00%	0.05%	0.01%	0.04%	0.00%	0.03%	0.10%	0.07%	0.07%	0.12%
2094	0.00%	0.04%	0.01%	0.03%	0.00%	0.02%	0.08%	0.06%	0.08%	0.11%
2095	0.00%	0.03%	0.00%	0.03%	0.00%	0.02%	0.07%	0.05%	0.05%	0.09%
2096	0.00%	0.03%	0.00%	0.02%	0.00%	0.01%	0.05%	0.04%	0.04%	0.07%
2097	0.00%	0.02%	0.00%	0.02%	0.00%	0.01%	0.05%	0.04%	0.04%	0.07%
2098	0.00%	0.02%	0.00%	0.01%	0.00%	0.01%	0.04%	0.03%	0.03%	0.05%
2099	0.00%	0.04%	0.00%	0.01%	0.00%	0.00%	0.03%	0.02%	0.02%	0.04%
2100	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.02%	0.02%	0.03%
2101	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.01%	0.01%	0.02%
2102	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.02%
2103	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%
2104	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%
2105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%
2106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2107	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
2108	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2110	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2111	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2112	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2113	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2114	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2115	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2117	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2018 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2018 Level Basis (a)

Calendar Year	Birth Year 1989	Birth Year 1990	Birth Year 1991	Birth Year 1992	Birth Year 1993	Birth Year 1994	Birth Year 1995	Birth Year 1996	Birth Year 1997	Birth Year 1998
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year										
Future Payments Based on 2018 Level - After Mortality										
2018	1.34%	1.23%	0.94%	0.91%	1.51%	1.04%	0.90%	0.83%	0.76%	0.95%
2019	3.62%	4.24%	2.95%	2.56%	3.69%	2.08%	2.72%	2.30%	1.90%	2.58%
2020	3.79%	4.94%	3.00%	3.06%	3.88%	2.34%	2.97%	3.94%	3.03%	2.77%
2021	3.58%	4.73%	2.92%	3.06%	3.82%	2.27%	2.89%	3.73%	2.92%	2.71%
2022	3.63%	4.96%	3.24%	3.41%	3.75%	2.48%	3.26%	3.63%	3.09%	2.72%
2023	3.38%	4.43%	2.83%	3.00%	3.17%	2.24%	3.03%	3.66%	2.76%	2.46%
2024	4.38%	4.86%	3.56%	3.54%	3.37%	2.84%	3.80%	4.15%	3.46%	3.02%
2025	3.10%	4.07%	2.68%	2.92%	2.70%	2.18%	2.93%	3.28%	2.72%	2.68%
2026	2.98%	3.94%	2.62%	2.79%	2.53%	2.17%	2.87%	3.14%	2.65%	2.55%
2027	3.17%	4.25%	2.94%	3.23%	2.70%	2.43%	3.08%	3.26%	2.92%	2.75%
2028	2.83%	3.60%	2.49%	2.89%	2.25%	2.11%	2.73%	2.85%	2.49%	2.40%
2029	2.74%	3.47%	2.43%	2.94%	2.25%	2.10%	2.68%	2.74%	2.42%	2.42%
2030	2.65%	3.30%	2.48%	2.80%	2.20%	2.06%	2.60%	2.82%	2.34%	2.35%
2031	3.11%	3.63%	2.78%	3.08%	2.45%	2.61%	2.89%	3.04%	2.81%	2.78%
2032	2.69%	3.30%	2.60%	2.95%	2.27%	2.23%	2.63%	2.71%	2.44%	2.37%
2033	2.40%	2.87%	2.28%	2.64%	2.00%	1.98%	2.41%	2.51%	2.14%	2.23%
2034	2.33%	2.73%	2.21%	2.54%	1.94%	1.95%	2.35%	2.41%	2.08%	2.11%
2035	2.26%	2.61%	2.48%	2.47%	1.90%	1.94%	2.30%	2.33%	2.03%	2.07%
2036	2.18%	2.46%	2.40%	2.39%	1.85%	1.90%	2.24%	2.24%	1.96%	2.01%
2037	2.37%	2.65%	2.61%	2.72%	2.07%	2.14%	2.40%	2.34%	2.20%	2.23%
2038	2.47%	2.57%	2.39%	2.54%	2.04%	2.39%	2.41%	2.33%	2.29%	2.34%
2039	1.98%	2.08%	2.20%	2.18%	1.73%	1.82%	2.06%	2.01%	1.79%	1.92%
2040	1.92%	1.96%	2.13%	2.11%	1.69%	1.79%	2.01%	1.94%	1.74%	1.98%
2041	1.86%	1.85%	2.07%	2.10%	1.66%	1.77%	1.96%	1.88%	1.70%	2.00%
2042	1.96%	1.88%	2.17%	2.18%	1.78%	1.90%	2.00%	1.87%	1.83%	1.99%
2043	1.73%	1.61%	1.93%	1.90%	1.59%	1.70%	1.84%	1.74%	1.59%	1.84%
2044	1.68%	1.51%	1.87%	1.84%	1.68%	1.95%	1.79%	1.68%	1.91%	1.80%
2045	1.94%	1.62%	1.89%	2.03%	1.86%	2.14%	1.94%	1.78%	2.09%	2.10%
2046	1.55%	1.29%	1.74%	1.70%	1.60%	1.87%	1.68%	1.56%	1.79%	1.70%
2047	1.70%	1.37%	1.86%	1.87%	1.78%	2.06%	1.79%	1.62%	1.98%	1.83%
2048	1.44%	1.10%	1.61%	1.56%	1.53%	1.79%	1.57%	1.44%	1.69%	1.61%
2049	1.38%	1.01%	1.55%	1.53%	1.49%	1.75%	1.51%	1.38%	1.63%	1.61%
2050	1.33%	0.93%	1.49%	1.43%	1.45%	1.72%	1.47%	1.33%	1.59%	1.52%
2051	1.27%	0.84%	1.43%	1.36%	1.41%	1.67%	1.41%	1.27%	1.53%	1.47%
2052	1.59%	0.96%	1.53%	1.57%	1.67%	1.97%	1.59%	1.39%	1.81%	1.75%
2053	1.16%	0.69%	1.31%	1.27%	1.33%	1.59%	1.31%	1.17%	1.43%	1.43%
2054	1.10%	0.61%	1.25%	1.16%	1.29%	1.54%	1.25%	1.12%	1.38%	1.34%
2055	1.05%	0.55%	1.20%	1.10%	1.25%	1.50%	1.20%	1.07%	1.32%	1.29%
2056	1.00%	0.49%	1.14%	1.04%	1.21%	1.46%	1.15%	1.02%	1.28%	1.25%
2057	1.09%	0.49%	1.19%	1.14%	1.31%	1.57%	1.20%	1.04%	1.40%	1.36%
2058	0.89%	0.37%	1.03%	0.92%	1.12%	1.36%	1.04%	0.92%	1.17%	1.16%
2059	1.02%	0.39%	1.01%	0.95%	1.21%	1.49%	1.10%	0.96%	1.26%	1.31%
2060	0.79%	0.28%	0.93%	0.80%	1.03%	1.27%	0.94%	0.83%	1.07%	1.07%
2061	0.74%	0.24%	0.88%	0.77%	0.99%	1.22%	0.89%	0.78%	1.03%	1.06%
2062	0.78%	0.22%	0.87%	0.76%	1.03%	1.27%	0.89%	0.76%	1.08%	1.03%
2063	0.64%	0.17%	0.78%	0.64%	0.90%	1.12%	0.79%	0.69%	0.93%	0.93%
2064	0.60%	0.14%	0.73%	0.59%	0.85%	1.07%	0.74%	0.65%	0.88%	0.89%
2065	0.55%	0.11%	0.69%	0.56%	0.81%	1.02%	0.69%	0.61%	0.83%	0.88%
2066	0.62%	0.11%	0.66%	0.54%	0.85%	1.10%	0.71%	0.62%	0.87%	0.94%
2067	0.54%	0.09%	0.64%	0.51%	0.81%	1.02%	0.65%	0.56%	0.85%	0.83%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2018 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Payment Patterns After Consideration of Estimated Mortality - 2018 Level Basis (a)

Calendar Year	Birth Year 1989	Birth Year 1990	Birth Year 1991	Birth Year 1992	Birth Year 1993	Birth Year 1994	Birth Year 1995	Birth Year 1996	Birth Year 1997	Birth Year 1998
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Percent of Remaining (O/S) Loss & Expense Payments By Calendar Year										
Future Payments Based on 2018 Level - After Mortality										
2068	0.42%	0.06%	0.56%	0.41%	0.68%	0.87%	0.56%	0.48%	0.70%	0.71%
2069	0.37%	0.04%	0.52%	0.38%	0.63%	0.81%	0.51%	0.44%	0.65%	0.69%
2070	0.33%	0.03%	0.48%	0.33%	0.59%	0.76%	0.47%	0.40%	0.61%	0.63%
2071	0.30%	0.02%	0.44%	0.30%	0.55%	0.72%	0.42%	0.37%	0.56%	0.59%
2072	0.30%	0.02%	0.42%	0.29%	0.54%	0.71%	0.40%	0.34%	0.58%	0.57%
2073	0.28%	0.02%	0.38%	0.26%	0.51%	0.70%	0.38%	0.33%	0.53%	0.61%
2074	0.20%	0.01%	0.34%	0.21%	0.42%	0.57%	0.31%	0.27%	0.44%	0.46%
2075	0.17%	0.01%	0.31%	0.18%	0.38%	0.51%	0.27%	0.24%	0.40%	0.42%
2076	0.14%	0.00%	0.28%	0.16%	0.34%	0.47%	0.24%	0.21%	0.36%	0.39%
2077	0.14%	0.00%	0.26%	0.16%	0.34%	0.46%	0.23%	0.19%	0.38%	0.40%
2078	0.09%	0.00%	0.22%	0.12%	0.27%	0.38%	0.18%	0.15%	0.29%	0.31%
2079	0.08%	0.00%	0.19%	0.10%	0.24%	0.33%	0.15%	0.13%	0.26%	0.28%
2080	0.08%	0.00%	0.17%	0.09%	0.23%	0.34%	0.14%	0.12%	0.25%	0.29%
2081	0.05%	0.00%	0.15%	0.08%	0.18%	0.26%	0.11%	0.09%	0.20%	0.23%
2082	0.04%	0.00%	0.13%	0.07%	0.17%	0.23%	0.09%	0.08%	0.19%	0.20%
2083	0.03%	0.00%	0.11%	0.06%	0.13%	0.19%	0.07%	0.06%	0.15%	0.16%
2084	0.02%	0.00%	0.09%	0.05%	0.11%	0.16%	0.06%	0.05%	0.12%	0.14%
2085	0.01%	0.00%	0.07%	0.04%	0.09%	0.13%	0.04%	0.04%	0.10%	0.12%
2086	0.01%	0.00%	0.06%	0.03%	0.07%	0.10%	0.03%	0.03%	0.08%	0.09%
2087	0.01%	0.00%	0.05%	0.03%	0.07%	0.10%	0.03%	0.02%	0.09%	0.10%
2088	0.01%	0.00%	0.04%	0.02%	0.05%	0.06%	0.02%	0.02%	0.05%	0.06%
2089	0.00%	0.00%	0.03%	0.02%	0.04%	0.05%	0.01%	0.01%	0.04%	0.05%
2090	0.00%	0.00%	0.08%	0.02%	0.03%	0.04%	0.01%	0.01%	0.03%	0.04%
2091	0.00%	0.00%	0.00%	0.06%	0.02%	0.03%	0.01%	0.01%	0.02%	0.03%
2092	0.00%	0.00%	0.00%	0.00%	0.06%	0.02%	0.00%	0.00%	0.02%	0.02%
2093	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%	0.01%	0.01%
2094	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
2095	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
2096	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
2097	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
2098	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2099	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2100	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2102	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2103	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2104	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2107	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2108	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2109	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2110	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2111	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2112	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2113	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2114	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2115	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2117	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Note: (a) Estimated percent of remaining loss and expense expected to be paid in each calendar year. The estimates are based on individual case reserve files provided by NICA. The percent of remaining loss and expense is calculated based on 2018 level estimates for each open claimant and after consideration of the remaining life expectancy for each claimant. See Appendix A, Exhibit II for illustration of calculation for Birth Year 1996.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996 - Estimated Remaining Payment (Reserves)

Estimated Loss & Expense Payments - 2018 Level - After Consideration of Mortality

Claim Number								Annual	Quarter
Date of Birth								Basis	Basis
Life Expectancy @ 12/31/17	36.32	33.85	15.00	4.80	9.34	27.28	Percent	Percent	
Sex	M	M	M	M	F	F	of Total	of Total	
	(2)	(3)	(4)	(5)	(6)	(7)	By Year	By Year	
	(8)	(9)	(10)						
Attained Age	Incremental Payments By Claim By Year - 2018 Level - After Mortality (a)								
22	122,752	172,496	57,964	34,943	153,264	127,493	668,913	3.25%	0.83%
23	111,611	141,036	55,156	8,359	117,020	28,896	462,078	2.25%	2.30%
24	116,155	144,932	206,149	134,630	106,954	80,727	789,546	3.84%	3.94%
25	114,821	142,524	194,359	109,636	108,427	78,563	748,330	3.64%	3.73%
26	113,478	140,588	184,419	89,106	101,527	99,386	728,504	3.54%	3.63%
27	182,567	137,535	176,100	72,260	89,407	75,632	733,501	3.57%	3.66%
28	180,350	174,278	195,491	68,431	102,618	110,542	831,708	4.04%	4.15%
29	178,111	133,190	156,537	46,535	72,678	71,842	658,893	3.20%	3.28%
30	175,849	131,667	148,931	37,148	65,628	70,586	629,810	3.06%	3.14%
31	173,564	141,692	145,307	29,962	68,475	94,596	653,595	3.18%	3.26%
32	171,254	127,246	131,321	23,098	52,637	66,857	572,414	2.78%	2.85%
33	168,921	125,654	124,406	18,096	47,192	65,589	549,859	2.67%	2.74%
34	166,566	123,204	115,962	14,025	41,935	104,028	565,719	2.75%	2.82%
35	164,187	156,250	128,403	12,746	47,485	101,346	610,417	2.97%	3.04%
36	161,785	119,502	102,512	8,300	34,208	116,683	542,989	2.64%	2.71%
37	159,358	117,025	95,084	6,293	29,213	96,013	502,986	2.45%	2.51%
38	156,907	114,934	88,687	4,743	25,740	93,361	484,371	2.36%	2.41%
39	154,431	113,207	83,175	3,552	22,678	91,045	468,089	2.28%	2.33%
40	151,932	110,706	76,721	2,626	19,786	88,091	449,861	2.19%	2.24%
41	149,406	119,025	74,138	1,967	20,109	105,354	469,998	2.29%	2.34%
42	146,853	137,590	78,227	1,652	19,137	83,161	466,619	2.27%	2.33%
43	144,269	104,238	60,760	1,005	12,965	80,267	403,504	1.96%	2.01%
44	141,654	102,043	55,942	713	11,167	77,681	389,199	1.89%	1.94%
45	139,005	100,162	51,743	501	9,603	75,374	376,388	1.83%	1.88%
46	136,319	97,585	47,024	345	8,426	85,521	375,219	1.82%	1.87%
47	133,594	95,319	42,913	235	6,929	69,989	348,978	1.70%	1.74%
48	130,828	93,339	39,314	157	5,865	67,690	337,193	1.64%	1.68%
49	128,018	116,975	41,762	121	6,245	64,919	358,039	1.74%	1.78%
50	125,161	88,354	31,908	66	4,085	62,403	311,977	1.52%	1.56%
51	122,256	94,541	30,087	42	3,949	74,047	324,922	1.58%	1.62%
52	119,301	83,557	25,638	25	2,775	57,411	288,707	1.40%	1.44%
53	116,296	81,112	22,812	15	2,261	54,939	277,435	1.35%	1.38%
54	113,239	78,900	20,339	9	1,832	52,675	266,995	1.30%	1.33%
55	110,132	76,129	17,767	5	1,462	50,058	255,553	1.24%	1.27%
56	106,973	94,905	18,351	3	1,514	56,178	277,924	1.35%	1.39%
57	103,761	71,264	13,596	1	913	45,433	234,969	1.14%	1.17%
58	100,498	68,430	11,640	1	707	42,918	224,193	1.09%	1.12%
59	97,186	65,810	9,962	0	542	40,592	214,092	1.04%	1.07%
60	93,826	63,379	8,518	0	411	38,436	204,570	0.99%	1.02%
61	90,420	66,330	7,412	0	357	44,421	208,940	1.02%	1.04%
62	86,968	57,820	5,925	0	225	33,816	184,754	0.90%	0.92%
63	83,471	71,268	5,803	0	207	31,747	192,497	0.94%	0.96%
64	79,930	52,403	3,977	0	115	29,498	165,923	0.81%	0.83%
65	76,348	49,674	3,197	0	80	27,411	156,711	0.76%	0.78%
66	72,728	47,097	2,553	0	56	30,009	152,443	0.74%	0.76%
67	69,080	44,203	1,978	0	36	23,399	138,696	0.67%	0.69%
68	65,414	41,478	1,519	0	23	21,483	129,917	0.63%	0.65%
69	61,744	38,905	1,155	0	15	19,704	121,523	0.59%	0.61%
70	58,081	46,558	1,003	0	11	17,856	123,510	0.60%	0.62%
71	54,434	36,692	642	-	6	19,908	111,682	0.54%	0.56%
Subtotals:	6,181,792	4,952,748	3,204,291	731,350	1,428,902	3,245,571	19,744,654	96.02%	95.92%

Note: (a) Product of estimated payments (2018 level) shown on Appendix A, Exhibit II, Sheets 3a and 3b and survival probabilities shown on Appendix A, Exhibit II, Sheets 2a and 2b.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996 - Estimated Remaining Payment (Reserves)

Estimated Loss & Expense Payments - 2018 Level - After Consideration of Mortality

Claim Number								Quarter	
Date of Birth								Basis	
Life Expectancy @ 12/31/17	36.32	33.85	15.00	4.80	9.34	27.28		Percent	Percent
Sex	M	M	M	M	F	F	Totals	of Total	of Total
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	By Year	By Year
Attained Age	Incremental Payments By Claim By Year - 2018 Level - After Mortality (a)								
72	50,809	30,983	440	-	3	14,574	96,809	0.47%	0.48%
73	47,213	28,341	301	-	2	12,974	88,830	0.43%	0.44%
74	43,657	25,861	202	-	1	11,509	81,230	0.40%	0.40%
75	40,153	23,528	132	-	0	10,167	73,980	0.36%	0.37%
76	36,714	21,116	82	-	0	10,423	68,335	0.33%	0.34%
77	33,358	24,340	58	-	0	7,642	65,398	0.32%	0.33%
78	30,102	16,790	28	-	0	6,560	53,480	0.26%	0.27%
79	26,964	14,707	15	-	0	5,526	47,213	0.23%	0.24%
80	23,962	12,805	8	-	0	4,611	41,386	0.20%	0.21%
81	21,109	12,134	4	-	0	4,688	37,936	0.18%	0.19%
82	18,420	9,401	2	-	0	3,069	30,892	0.15%	0.15%
83	15,909	7,912	1	-	0	2,437	26,259	0.13%	0.13%
84	13,585	8,495	0	-	0	1,902	23,983	0.12%	0.12%
85	11,460	5,375	0	-	-	1,440	18,275	0.09%	0.09%
86	9,538	4,328	0	-	-	1,256	15,121	0.07%	0.08%
87	7,823	3,436	0	-	-	767	12,025	0.06%	0.06%
88	6,314	2,657	0	-	-	530	9,502	0.05%	0.05%
89	5,009	2,019	0	-	-	354	7,381	0.04%	0.04%
90	3,898	1,504	0	-	-	226	5,629	0.03%	0.03%
91	2,971	1,504	-	-	-	169	4,644	0.02%	0.02%
92	2,214	764	-	-	-	78	3,056	0.01%	0.02%
93	1,609	523	-	-	-	42	2,175	0.01%	0.01%
94	1,139	344	-	-	-	21	1,504	0.01%	0.01%
95	782	219	-	-	-	9	1,011	0.00%	0.01%
96	521	134	-	-	-	5	660	0.00%	0.00%
97	335	78	-	-	-	1	415	0.00%	0.00%
98	208	57	-	-	-	0	265	0.00%	0.00%
99	124	23	-	-	-	0	147	0.00%	0.00%
100	71	12	-	-	-	0	82	0.00%	0.00%
101	40	6	-	-	-	0	47	0.00%	0.00%
102	23	3	-	-	-	0	26	0.00%	0.00%
103	13	1	-	-	-	0	14	0.00%	0.00%
104	7	1	-	-	-	0	8	0.00%	0.00%
105	4	0	-	-	-	0	5	0.00%	0.00%
106	2	0	-	-	-	0	3	0.00%	0.00%
107	1	0	-	-	-	0	1	0.00%	0.00%
108	1	0	-	-	-	0	1	0.00%	0.00%
109	0	0	-	-	-	0	0	0.00%	0.00%
110	0	0	-	-	-	0	0	0.00%	0.00%
111	0	0	-	-	-	0	0	0.00%	0.00%
112	0	0	-	-	-	0	0	0.00%	0.00%
113	0	0	-	-	-	0	0	0.00%	0.00%
114	0	0	-	-	-	0	0	0.00%	0.00%
115	0	0	-	-	-	0	0	0.00%	0.00%
116	0	0	-	-	-	0	0	0.00%	0.00%
117	0	0	-	-	-	0	0	0.00%	0.00%
118	0	0	-	-	-	0	0	0.00%	0.00%
119	0	0	-	-	-	0	0	0.00%	0.00%
120	0	0	-	-	-	0	0	0.00%	0.00%
121	-	-	-	-	-	-	-	0.00%	0.00%
Subtotals:	456,063	259,403	1,273	-	6	100,980	817,726	3.98%	4.08%
Totals All:	6,637,855	5,212,150	3,205,564	731,350	1,428,909	3,346,551	#####	100.00%	100.00%

Note: (a) Product of estimated payments (2018 level) shown on Appendix A, Exhibit II, Sheets 3a and 3b and survival probabilities shown on Appendix A, Exhibit II, Sheets 2a and 2b.

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996

Probability of Survival - Assuming Attained Age 21

Claim Number

Date of Birth

Life Expectancy @ 12/31/17

Sex

36.32	33.85	15.00	4.80	9.34	27.28
M	M	M	M	F	F
(2)	(3)	(4)	(5)	(6)	(7)

Attained Age

22	0.98914	0.98738	0.95250	0.82608	0.91373	0.97996
23	0.97819	0.97468	0.90636	0.67956	0.83357	0.95999
24	0.96715	0.96191	0.86163	0.55677	0.75916	0.94008
25	0.95604	0.94907	0.81834	0.45435	0.69018	0.92024
26	0.94486	0.93618	0.77649	0.36927	0.62633	0.90046
27	0.93361	0.92323	0.73604	0.29884	0.56731	0.88075
28	0.92227	0.91020	0.69693	0.24070	0.51283	0.86110
29	0.91082	0.89707	0.65909	0.19285	0.46263	0.84152
30	0.89926	0.88384	0.62248	0.15363	0.41642	0.82200
31	0.88757	0.87049	0.58709	0.12164	0.37398	0.80253
32	0.87576	0.85704	0.55292	0.09572	0.33506	0.78313
33	0.86383	0.84348	0.51997	0.07484	0.29945	0.76379
34	0.85178	0.82981	0.48825	0.05812	0.26693	0.74453
35	0.83962	0.81605	0.45776	0.04483	0.23731	0.72534
36	0.82733	0.80217	0.42846	0.03433	0.21038	0.70621
37	0.81492	0.78820	0.40035	0.02608	0.18595	0.68716
38	0.80239	0.77411	0.37341	0.01965	0.16385	0.66819
39	0.78973	0.75992	0.34764	0.01469	0.14390	0.64929
40	0.77694	0.74563	0.32303	0.01088	0.12594	0.63047
41	0.76403	0.73124	0.29954	0.00798	0.10983	0.61173
42	0.75097	0.71672	0.27715	0.00580	0.09540	0.59306
43	0.73776	0.70207	0.25583	0.00417	0.08253	0.57447
44	0.72439	0.68729	0.23554	0.00296	0.07108	0.55596
45	0.71084	0.67235	0.21627	0.00207	0.06094	0.53753
46	0.69710	0.65726	0.19799	0.00143	0.05198	0.51918
47	0.68317	0.64200	0.18068	0.00097	0.04411	0.50091
48	0.66903	0.62656	0.16432	0.00065	0.03722	0.48273
49	0.65466	0.61092	0.14888	0.00043	0.03121	0.46463
50	0.64005	0.59509	0.13435	0.00027	0.02600	0.44662
51	0.62519	0.57904	0.12071	0.00017	0.02151	0.42870
52	0.61008	0.56278	0.10795	0.00011	0.01766	0.41089
53	0.59471	0.54631	0.09605	0.00006	0.01439	0.39320
54	0.57908	0.52963	0.08501	0.00004	0.01163	0.37565
55	0.56319	0.51275	0.07481	0.00002	0.00931	0.35826
56	0.54704	0.49566	0.06542	0.00001	0.00738	0.34105
57	0.53061	0.47837	0.05683	0.00001	0.00580	0.32401
58	0.51392	0.46089	0.04901	0.00000	0.00450	0.30716
59	0.49699	0.44325	0.04195	0.00000	0.00345	0.29052
60	0.47980	0.42544	0.03560	0.00000	0.00261	0.27410
61	0.46239	0.40750	0.02995	0.00000	0.00195	0.25793
62	0.44474	0.38943	0.02495	0.00000	0.00143	0.24202
63	0.42685	0.37124	0.02056	0.00000	0.00103	0.22641
64	0.40875	0.35295	0.01675	0.00000	0.00073	0.21112
65	0.39043	0.33457	0.01346	0.00000	0.00051	0.19618
66	0.37192	0.31614	0.01067	0.00000	0.00035	0.18162
67	0.35326	0.29772	0.00833	0.00000	0.00023	0.16747
68	0.33451	0.27936	0.00640	0.00000	0.00015	0.15376
69	0.31575	0.26116	0.00483	0.00000	0.00009	0.14052
70	0.29702	0.24316	0.00357	0.00000	0.00006	0.12779
71	0.27836	0.22542	0.00259	0.00000	0.00003	0.11559

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996

Estimated Loss & Expense Payments - 2018 Level - Before Consideration of Mortality

Claim Number							Percent	
Date of Birth							of Total	
Life Expectancy @ 12/31/17	36.32	33.85	15.00	4.80	9.34	27.28	By Year	
Sex	M	M	M	M	F	F	Totals	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)

Attained Age **Incremental Payments By Claim By Year - 2018 Level - Before Mortality - @ 12/31/17**

Attained Age	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
22	124,100	174,700	60,855	42,300	167,734	130,100	699,789	0.61%
23	114,100	144,700	60,855	12,300	140,384	30,100	502,439	0.44%
24	120,100	150,672	239,254	241,804	140,884	85,872	978,586	0.86%
25	120,100	150,172	237,504	241,304	157,099	85,372	991,551	0.87%
26	120,100	150,172	237,504	241,304	162,099	110,372	1,021,551	0.90%
27	195,550	148,972	239,254	241,804	157,599	85,872	1,069,051	0.94%
28	195,550	191,472	280,504	284,304	200,099	128,372	1,280,301	1.12%
29	195,550	148,472	237,504	241,304	157,099	85,372	1,065,301	0.94%
30	195,550	148,972	239,254	241,804	157,599	85,872	1,069,051	0.94%
31	195,550	162,772	247,504	246,304	183,099	117,872	1,153,101	1.01%
32	195,550	148,472	237,504	241,304	157,099	85,372	1,065,301	0.94%
33	195,550	148,972	239,254	241,804	157,599	85,872	1,069,051	0.94%
34	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
35	195,550	191,472	280,504	284,304	200,099	139,723	1,291,652	1.13%
36	195,550	148,972	239,254	241,804	162,599	165,223	1,153,402	1.01%
37	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
38	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
39	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
40	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
41	195,550	162,772	247,504	246,304	183,099	172,223	1,207,452	1.06%
42	195,550	191,972	282,254	284,804	200,599	140,223	1,295,402	1.14%
43	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
44	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
45	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
46	195,550	148,472	237,504	241,304	162,099	164,723	1,149,652	1.01%
47	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
48	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
49	195,550	191,472	280,504	284,304	200,099	139,723	1,291,652	1.13%
50	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
51	195,550	163,272	249,254	246,804	183,599	172,723	1,211,202	1.06%
52	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
53	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
54	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
55	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
56	195,550	191,472	280,504	284,304	205,099	164,723	1,321,652	1.16%
57	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
58	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
59	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
60	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
61	195,550	162,772	247,504	246,304	183,099	172,223	1,207,452	1.06%
62	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
63	195,550	191,972	282,254	284,804	200,599	140,223	1,295,402	1.14%
64	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
65	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
66	195,550	148,972	239,254	241,804	162,599	165,223	1,153,402	1.01%
67	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
68	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
69	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
70	195,550	191,472	280,504	284,304	200,099	139,723	1,291,652	1.13%
71	195,550	162,772	247,504	246,304	183,099	172,223	1,207,452	1.06%
Subtotals:	9,398,250	7,831,656	11,900,902	11,971,192	8,296,155	6,661,894	56,060,049	49.22%

Summary of Estimated Payment Patterns - Loss & Expense
Based on NICA Reserve Worksheets and Mortality Rates

Sample Calculation of Payment Pattern - Birth Year 1996

Estimated Loss & Expense Payments - 2018 Level - Before Consideration of Mortality

Claim Number								
Date of Birth								
Life Expectancy @ 12/31/17	36.32	33.85	15.00	4.80	9.34	27.28	Totals	Percent of Total By Year
Sex	M	M	M	M	F	F	(8)	(9)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Incremental Payments By Claim By Year - 2018 Level - Before Mortality - @ 12/31/17								
Attained Age								
72	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
73	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
74	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
75	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
76	195,550	148,472	237,504	241,304	162,099	164,723	1,149,652	1.01%
77	195,550	191,472	280,504	284,304	200,099	139,723	1,291,652	1.13%
78	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
79	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
80	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
81	195,550	163,272	249,254	246,804	183,599	172,723	1,211,202	1.06%
82	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
83	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
84	195,550	191,972	282,254	284,804	200,599	140,223	1,295,402	1.14%
85	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
86	195,550	148,472	237,504	241,304	162,099	164,723	1,149,652	1.01%
87	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
88	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
89	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
90	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
91	195,550	205,772	290,504	289,304	226,099	172,223	1,379,452	1.21%
92	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
93	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
94	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
95	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
96	195,550	148,972	239,254	241,804	162,599	165,223	1,153,402	1.01%
97	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
98	195,550	191,472	280,504	284,304	200,099	139,723	1,291,652	1.13%
99	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
100	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
101	195,550	162,772	247,504	246,304	183,099	172,223	1,207,452	1.06%
102	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
103	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
104	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
105	195,550	191,972	282,254	284,804	200,599	140,223	1,295,402	1.14%
106	195,550	148,472	237,504	241,304	162,099	164,723	1,149,652	1.01%
107	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
108	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
109	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
110	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
111	195,550	163,272	249,254	246,804	183,599	172,723	1,211,202	1.06%
112	195,550	191,472	280,504	284,304	200,099	139,723	1,291,652	1.13%
113	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
114	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
115	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
116	195,550	148,472	237,504	241,304	162,099	164,723	1,149,652	1.01%
117	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
118	195,550	148,472	237,504	241,304	157,099	139,723	1,119,652	0.98%
119	195,550	191,472	280,504	284,304	200,099	139,723	1,291,652	1.13%
120	195,550	148,972	239,254	241,804	157,599	140,223	1,123,402	0.99%
121	195,550	162,772	247,504	246,304	183,099	172,223	1,207,452	1.06%
Subtotals:	9,777,500	7,804,600	12,255,950	12,399,700	8,319,450	7,282,150	57,839,350	50.78%
Totals All:	19,175,750	15,636,256	24,156,852	24,370,892	16,615,605	13,944,044	113,899,399	100.00%

Expense Group	Accident Year	Accident Year	Accident Year	Accident Year	Accident Year	Accident Year	Accident Year	Accident Year	Estimated Accident Year
	1/1 - 12/31 2010	1/1 - 12/31 2011	1/1 - 12/31 2012	1/1 - 12/31 2013	1/1 - 12/31 2014	1/1 - 12/31 2015	1/1 - 12/31 2016	1/1 - 12/31 2017	1/1 - 12/31 2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Incremental Payments By Major Expense Groups									
Legal Expense	N/A	1,348,962	1,472,264	1,046,543	1,232,427	668,653	484,569	584,838	584,838
Parental Award	N/A	1,772,862	854,442	1,254,414	1,404,094	1,186,749	1,254,253	1,365,273	1,365,273
Medical Expense	N/A	795,785	792,882	845,548	967,563	974,935	967,347	939,392	939,392
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	10,349,737
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	1,972,943
Custodial	N/A	19,113	98,021	73,571	172,325	30,724	50,965	130,563	130,563
Other	N/A	2,305,512	1,339,156	1,717,202	1,761,129	1,925,764	1,627,714	2,218,698	2,218,698
Totals:		14,330,324	12,977,280	14,111,688	15,512,025	15,823,958	16,430,635	17,561,445	17,561,445
Case Outstanding By Major Expense Groups									
Legal Expense	1,659,638	2,385,144	836,323	660,811	228,321	88,453	168,803	-	-
Parental Award	589,640	605,992	353,242	603,806	515,023	812,964	558,710	552,204	552,204
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	54,909,282
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	167,831,990
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	282,636,036
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	138,361,013
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	83,707,417
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	727,997,942
Percentage by Expense Group - Based on Incremental Payments									
Legal Expense	10.75%	9.41%	11.34%	7.42%	7.94%	4.23%	2.95%	3.33%	3.33%
Parental Award	13.53%	12.37%	6.58%	8.89%	9.05%	7.50%	7.63%	7.77%	7.77%
Medical Expense	5.60%	5.55%	6.11%	5.99%	6.24%	6.16%	5.89%	5.35%	5.35%
Nursing Care - By Parents & Family Care	36.63%	38.61%	41.69%	46.10%	48.55%	54.48%	58.59%	58.93%	58.93%
Nursing Care - By Others	18.92%	17.83%	23.20%	18.91%	15.76%	15.27%	14.72%	11.23%	11.23%
Custodial	0.15%	0.13%	0.76%	0.52%	1.11%	0.19%	0.31%	0.74%	0.74%
Other	14.41%	16.09%	10.32%	12.17%	11.35%	12.17%	9.91%	12.63%	12.63%
Percentage by Expense Group - Based on Case Outstanding									
Legal Expense	0.31%	0.40%	0.13%	0.10%	0.03%	0.01%	0.02%	0.00%	0.00%
Parental Award	0.11%	0.10%	0.05%	0.09%	0.07%	0.11%	0.08%	0.08%	0.08%
Medical Expense	8.41%	8.87%	7.82%	7.95%	7.87%	7.88%	7.41%	7.54%	7.54%
Nursing Care - By Parents & Family Care	15.23%	14.20%	19.70%	18.47%	20.13%	21.66%	22.13%	23.05%	23.05%
Nursing Care - By Others	52.74%	53.39%	43.03%	44.13%	41.32%	39.91%	38.41%	38.82%	38.82%
Custodial	10.41%	10.15%	17.82%	17.71%	19.22%	18.82%	20.91%	19.01%	19.01%
Other	12.78%	12.88%	11.45%	11.56%	11.35%	11.61%	11.03%	11.50%	11.50%
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%
Parental Award (b)	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%	1.29%
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%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.00%	0.99%	0.00%
Custodial (f)	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%	1.23%
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%
Parental Award (b)	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%	0.78%
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%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	95.00%	3.00%	0.00%	0.00%	4.50%	0.00%	0.00%
Other (h)	0.90%	1.78%	1.04%	0.90%	0.45%	0.44%	1.24%	1.27%	0.74%
Combined (i)									
Estimated Inflation - Paid Basis	0.78%	1.00%	0.78%	0.57%	0.55%	0.40%	0.69%	0.59%	0.34%
Estimated Inflation - O/S Basis	0.29%	0.42%	9.83%	0.72%	0.19%	0.17%	2.01%	0.22%	0.14%

Note: See Appendix B, Exhibit I, Sheet 4 for footnotes.

Expense Group	Accident Year 1/1 - 12/31	Accident Year 1/1 - 12/31	Accident Year 1/1 - 12/31	Accident Year 1/1 - 12/31	Accident Year 1/1 - 12/31	Accident Year 1/1 - 12/31	Accident Year 1/1 - 12/31	Accident Year 1/1 - 12/31	Accident Year 1/1 - 12/31	Accident Year 1/1 - 12/31
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Incremental Payments By Major Expense Groups										
Legal Expense	547,451	789,578	768,406	699,574	753,238	761,521	768,799	911,182	1,117,819	1,251,650
Parental Award	1,684,863	1,569,503	1,380,762	1,448,569	1,266,247	987,149	1,088,568	1,483,153	1,621,648	1,521,430
Medical Expense	324,050	361,786	316,867	379,945	477,673	486,436	414,019	438,949	502,243	584,938
Nursing Care - By Parents & Family Care	77,850	107,770	265,098	500,284	664,698	959,815	1,287,167	1,455,477	2,280,726	3,586,973
Nursing Care - By Others	1,661,676	1,774,150	1,570,635	1,664,923	1,767,678	2,126,820	2,368,333	2,187,588	2,022,477	2,072,130
Custodial	47,053	14,388	7,179	13,490	29,407	19,776	20,370	38,594	29,076	18,070
Other	406,846	640,781	809,365	834,009	1,296,472	1,401,403	1,083,585	1,177,848	1,338,828	1,317,625
Totals:	4,749,789	5,257,955	5,118,312	5,540,794	6,255,412	6,742,920	7,030,842	7,692,791	8,912,818	10,352,817
Case Outstanding By Major Expense Groups										
Legal Expense									739,159	1,016,335
Parental Award									311,440	371,029
Medical Expense									28,168,684	31,284,580
Nursing Care - By Parents & Family Care									51,105,085	61,522,465
Nursing Care - By Others									229,063,637	247,156,314
Custodial									64,170,720	55,975,200
Other									52,596,208	58,056,740
Totals:									426,154,933	455,382,663
Percentage by Expense Group - Based on Incremental Payments										
Legal Expense	11.53%	15.02%	15.01%	12.63%	12.04%	11.29%	10.93%	11.84%	12.54%	12.09%
Parental Award	35.47%	29.85%	26.98%	26.14%	20.24%	14.64%	15.48%	19.28%	18.19%	14.70%
Medical Expense	6.82%	6.88%	6.19%	6.86%	7.64%	7.21%	5.89%	5.71%	5.64%	5.65%
Nursing Care - By Parents & Family Care	1.64%	2.05%	5.18%	9.03%	10.63%	14.23%	18.31%	18.92%	25.59%	34.65%
Nursing Care - By Others	34.98%	33.74%	30.69%	30.05%	28.26%	31.54%	33.68%	28.44%	22.69%	20.02%
Custodial	0.99%	0.27%	0.14%	0.24%	0.47%	0.29%	0.29%	0.50%	0.33%	0.17%
Other	8.57%	12.19%	15.81%	15.05%	20.73%	20.78%	15.41%	15.31%	15.02%	12.73%
Percentage by Expense Group - Based on Case Outstanding										
Legal Expense	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.22%
Parental Award	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.08%
Medical Expense	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.87%
Nursing Care - By Parents & Family Care	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	13.51%
Nursing Care - By Others	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	54.27%
Custodial	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	12.29%
Other	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.75%
Estimated Inflation By Component - Paid Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (c)	4.17%	4.72%	5.05%	3.71%	4.24%	4.29%	3.56%	5.16%	2.65%	3.37%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27.32%	21.46%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other (g)	3.39%	1.55%	2.38%	1.88%	3.26%	3.42%	2.54%	4.08%	0.09%	2.72%
Estimated Inflation By Component - Outstanding Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (h)	2.50%	2.83%	3.03%	2.22%	2.54%	2.57%	2.14%	3.10%	1.59%	2.02%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	54.64%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	40.00%	3.00%	40.00%	0.00%	0.00%	0.00%
Other (h)	2.03%	0.93%	1.43%	1.13%	1.95%	2.05%	1.52%	2.45%	0.05%	1.63%
Combined (i)										
Estimated Inflation - Paid Basis	0.98%	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%	7.62%
Estimated Inflation - O/S Basis	0.42%	0.30%	0.38%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%	0.35%

Note: See Appendix B, Exhibit I, Sheet 4 for footnotes.

Expense Group	Accident Year 1/1 - 12/31 1990	Accident Year 1/1 - 12/31 1991	Accident Year 1/1 - 12/31 1992	Accident Year 1/1 - 12/31 1993	Accident Year 1/1 - 12/31 1994	Accident Year 1/1 - 12/31 1995	Accident Year 1/1 - 12/31 1996	Accident Year 1/1 - 12/31 1997	Accident Year 1/1 - 12/31 1998	Accident Year 1/1 - 12/31 1999
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Incremental Payments By Major Expense Groups										
Legal Expense	N/A	192,899	361,181	423,066	495,111	611,088	566,488	466,635	535,583	489,006
Parental Award	N/A	574,493	682,393	568,464	1,034,652	1,775,690	1,305,192	1,065,584	1,452,768	1,556,838
Medical Expense	N/A	111,200	100,481	114,259	120,146	140,970	170,987	187,374	326,563	335,203
Nursing Care - By Parents & Family Care	N/A	125,469	104,966	46,536	18,312	42,905	60,030	39,920	87,805	84,323
Nursing Care - By Others	N/A	47,350	80,085	109,144	135,969	265,078	505,495	769,201	974,683	1,123,079
Custodial	N/A	19,122	77,831	107,096	93,591	93,012	100,527	121,690	136,171	103,378
Other	N/A	43,241	73,598	73,204	69,438	118,678	179,756	257,990	317,394	357,161
Totals:		1,113,775	1,480,534	1,441,768	1,967,220	3,047,422	2,888,475	2,908,394	3,830,965	4,048,988
Case Outstanding By Major Expense Groups										
Legal Expense										
Parental Award										
Medical Expense										
Nursing Care - By Parents & Family Care										
Nursing Care - By Others										
Custodial										
Other										
Totals:										
Percentage by Expense Group - Based on Incremental Payments										
Legal Expense	17.32%	17.32%	24.40%	29.34%	25.17%	20.05%	19.61%	16.04%	13.98%	12.08%
Parental Award	51.58%	51.58%	46.09%	39.43%	52.59%	58.27%	45.19%	36.64%	37.92%	38.45%
Medical Expense	9.98%	9.98%	6.79%	7.92%	6.11%	4.63%	5.92%	6.44%	8.52%	8.28%
Nursing Care - By Parents & Family Care	11.27%	11.27%	7.09%	3.23%	0.93%	1.41%	2.08%	1.37%	2.29%	2.08%
Nursing Care - By Others	4.25%	4.25%	5.41%	7.57%	6.91%	8.70%	17.50%	26.45%	25.44%	27.74%
Custodial	1.72%	1.72%	5.26%	7.43%	4.76%	3.05%	3.48%	4.18%	3.55%	2.55%
Other	3.88%	3.88%	4.97%	5.08%	3.53%	3.89%	6.22%	8.87%	8.28%	8.82%
Percentage by Expense Group - Based on Case Outstanding										
Legal Expense	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%
Parental Award	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%
Medical Expense	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%	6.61%
Nursing Care - By Parents & Family Care	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%	11.99%
Nursing Care - By Others	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%	53.75%
Custodial	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%	15.06%
Other	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%	12.34%
Estimated Inflation By Component - Paid Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (c)	9.59%	7.92%	6.63%	5.39%	4.92%	3.95%	3.04%	2.82%	3.42%	3.67%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other (g)	6.11%	3.06%	2.90%	2.75%	2.67%	2.54%	3.32%	1.70%	1.61%	2.68%
Estimated Inflation By Component - Outstanding Basis										
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Parental Award (b)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Medical Expense (h)	5.75%	4.75%	3.98%	3.24%	2.95%	2.37%	1.82%	1.69%	2.05%	2.20%
Nursing Care - By Parents & Family Care (d)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nursing Care - By Others (e)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custodial (f)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other (h)	3.66%	1.84%	1.74%	1.65%	1.60%	1.52%	1.99%	1.02%	0.97%	1.61%
Combined (i)										
Estimated Inflation - Paid Basis	1.75%	1.49%	1.46%	1.62%	1.30%	1.00%	1.09%	0.91%	0.92%	0.97%
Estimated Inflation - O/S Basis	0.81%	0.53%	0.47%	0.42%	0.39%	0.35%	0.37%	0.24%	0.26%	0.35%

Note: See Appendix B, Exhibit I, Sheet 4 for footnotes.

Footnotes for Appendix B, Exhibit I, Sheets 1 to 3

- 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 and 2016. These changes in the custodial residential care daily rate resulted in the estimated inflation rates of 40%, 3%, 40%, 95%, 3% and 4.5% for 2004, 2005, 2006, 2012, 2013 & 2016, respectively. This inflation change affects outstanding only.
- (g) Inflation related to all other payments is based on All Items CPI Index - Seasonally Adjusted.
- (h) The estimated inflation related to case outstanding (Medical and Other) is based on 60 % of CPI since a portion of the outstanding reserve estimate has not changed.
- (i) Weighted average of inverse of one plus the estimated inflation by component and the percent by component (paid and outstanding separately).

Year	Total Returns														Difference Between Average Returns				
	CPI All Items	CPI All Items % Change	CPI Medical Index % Chg	5 Year Avg % Chg	Large Company Stocks	Small Company Stocks	Long-Term Govt. Bonds	Inter. Term - Gov't Bonds	U.S. Treasury Bills	Corporate Bonds (Aaa Moody's)	Merrill Lynch US Corporate 15+ Yr Portfolio	Conservative Model Portfolio	Annual NICA Return on Investment	Medical v 5 Yr Avg CPI (4) - (5)	Model v 5 Yr Avg CPI (13) - (5)	Model v CPI (13) - (3)	Conservative Model v CPI (14) - (3)	NICA v CPI (15) - (3)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1986	110.50	1.10%	7.71%	3.29%	18.67%	6.85%	24.53%	15.14%	6.16%	9.02%		14.49%	16.68%		4.41%	11.20%	13.39%	15.58%	
1987	115.40	4.43%	5.80%	3.41%	5.25%	-9.30%	-2.71%	2.90%	5.47%	9.38%		14.49%	16.68%		4.41%	11.20%	13.39%	15.58%	
1988	120.50	4.42%	6.91%	3.54%	16.61%	22.87%	9.67%	6.10%	6.35%	9.71%		12.02%	11.96%		3.37%	8.48%	7.60%	7.54%	
1989	126.10	4.65%	8.50%	3.68%	31.69%	10.18%	18.11%	13.29%	8.37%	9.26%		19.93%	17.17%		4.82%	16.25%	15.29%	12.52%	
1990	133.80	6.11%	9.59%	4.14%	-3.10%	-21.56%	6.18%	9.73%	7.82%	9.32%		19.93%	17.17%		5.44%	-0.20%	-2.17%	-5.26%	
1991	137.90	3.06%	7.92%	4.53%	30.47%	44.63%	19.30%	15.46%	5.59%	8.77%		19.66%	23.85%	5.88%	3.39%	15.12%	16.59%	20.79%	2.82%
1992	141.90	2.90%	6.63%	4.23%	7.62%	23.35%	8.05%	7.19%	3.51%	8.14%		19.66%	23.85%	5.88%	3.39%	15.12%	16.59%	20.79%	2.82%
1993	145.80	2.75%	5.39%	3.89%	10.08%	20.98%	18.24%	11.24%	2.90%	7.22%		19.66%	23.85%	5.88%	3.39%	15.12%	16.59%	20.79%	2.82%
1994	149.70	2.67%	4.92%	3.50%	1.32%	3.11%	-7.77%	-5.14%	3.91%	7.96%		19.66%	23.85%	5.88%	3.39%	15.12%	16.59%	20.79%	2.82%
1995	153.50	2.54%	3.95%	2.79%	37.58%	34.46%	31.67%	16.80%	5.60%	7.59%		22.63%	27.43%	6.96%	1.16%	19.84%	20.09%	24.89%	4.42%
1996	158.60	3.32%	3.04%	2.84%	22.96%	17.62%	-0.93%	2.10%	5.21%	7.37%		13.18%	7.71%	5.79%	0.20%	10.34%	9.85%	4.39%	2.47%
1997	161.30	1.70%	2.82%	2.60%	33.36%	22.78%	15.85%	8.38%	5.26%	7.26%	7.41%	18.97%	17.36%	6.10%	0.22%	16.37%	17.27%	15.65%	4.40%
1998	163.90	1.61%	3.42%	2.37%	28.58%	-7.31%	13.06%	10.21%	4.86%	6.53%	6.84%	16.97%	10.95%	6.20%	1.05%	14.60%	15.36%	9.33%	4.59%
1999	168.30	2.68%	3.67%	2.37%	21.04%	29.79%	-8.97%	-1.77%	4.68%	7.04%	7.44%	11.44%	5.91%	4.54%	1.30%	9.07%	8.75%	3.22%	1.86%
2000	174.00	3.39%	4.17%	2.54%	-9.10%	-3.59%	21.48%	12.59%	5.89%	7.62%	8.18%	1.26%	8.29%	13.11%	1.63%	-1.28%	-2.13%	4.91%	9.72%
2001	176.70	1.55%	4.72%	2.19%	-11.89%	22.77%	3.70%	7.62%	3.83%	7.08%	7.61%	-1.16%	5.49%	3.98%	2.53%	-3.98%	-2.71%	3.94%	2.43%
2002	180.90	2.38%	5.05%	2.32%	-22.11%	-13.28%	17.84%	12.93%	1.65%	6.49%	7.41%	-4.81%	3.12%	-8.52%	2.73%	-7.13%	-7.18%	0.74%	-10.90%
2003	184.30	1.88%	3.71%	2.38%	28.68%	60.70%	1.45%	2.40%	1.02%	5.67%	6.44%	15.14%	16.85%	19.99%	1.33%	12.76%	13.26%	14.97%	18.11%
2004	190.30	3.26%	4.24%	2.49%	10.88%	18.39%	8.51%	2.25%	1.20%	5.63%	6.27%	7.26%	8.41%	10.27%	1.75%	4.77%	4.01%	5.15%	7.01%
2005	196.80	3.42%	4.29%	2.50%	4.91%	5.69%	7.81%	1.36%	2.98%	5.24%	5.88%	4.32%	4.76%	8.92%	1.79%	1.82%	0.90%	1.34%	5.50%
2006	201.80	2.54%	3.56%	2.69%	15.79%	16.17%	1.19%	3.14%	4.80%	5.59%	6.27%	9.59%	7.13%	12.77%	0.87%	6.89%	7.05%	4.59%	10.23%
2007	210.04	4.08%	5.16%	3.03%	5.49%	-5.22%	9.88%	10.05%	4.66%	5.56%	6.37%	6.43%	6.26%	8.72%	2.13%	3.39%	2.34%	2.18%	4.64%
2008	210.23	0.09%	2.65%	2.68%	-37.00%	-36.72%	25.87%	13.11%	1.60%	5.63%	7.35%	-11.63%	-1.13%	-25.81%	-0.03%	-14.31%	-11.72%	-1.22%	-25.90%
2009	215.95	2.72%	3.37%	2.57%	26.46%	25.57%	4.08%	2.82%	0.45%	5.61%	7.12%	14.23%	11.20%	20.99%	0.80%	11.66%	11.51%	8.48%	18.27%
2010	219.18	1.50%	3.28%	2.19%	15.06%	26.31%	4.25%	2.62%	0.30%	4.94%	5.95%	8.93%	9.32%	13.89%	1.09%	6.74%	7.43%	7.82%	12.39%
2011	225.67	2.96%	3.49%	2.27%	2.11%	1.02%	3.91%	2.16%	0.17%	4.64%	5.62%	3.03%	2.38%	0.37%	1.22%	0.76%	0.07%	-0.59%	-2.60%
2012	229.60	1.74%	3.21%	1.80%	16.00%	16.33%	2.92%	1.22%	0.17%	3.67%	4.78%	8.61%	6.91%	11.10%	1.41%	6.80%	6.86%	5.17%	9.36%
2013	233.05	1.50%	2.01%	2.08%	32.39%	41.31%	3.45%	1.74%	0.13%	4.23%	5.03%	16.12%	14.46%	12.86%	-0.07%	14.04%	14.62%	12.96%	11.36%
2014	234.81	0.76%	2.96%	1.69%	13.69%	5.76%	3.34%	2.14%	0.11%	4.16%	4.76%	7.95%	5.05%	5.82%	1.27%	6.26%	7.19%	4.30%	5.07%
2015	236.53	0.73%	2.58%	1.54%	1.38%	-1.97%	2.84%	1.89%	0.30%	3.89%	4.76%	2.39%	1.33%	-1.65%	1.04%	0.85%	1.66%	0.60%	-2.38%
2016	241.43	2.07%	4.07%	1.36%	11.96%	26.56%	2.59%	1.63%	0.60%	3.66%	4.55%	6.91%	8.04%	6.97%	2.71%	5.55%	4.83%	5.96%	4.90%
2017	246.52	2.11%	1.78%	1.43%	21.83%	13.23%	2.89%	2.16%	1.17%	3.74%	4.37%	11.38%	7.71%	13.91%	0.35%	9.95%	9.27%	5.60%	11.81%

Geometric Mean of Annual Return:

1926 - 1929	-0.95%				19.19%	-4.50%	5.00%	4.19%	3.67%	4.64%		11.43%	6.72%			12.38%	7.67%		
1930 - 1939	-2.04%		0.65%	-2.06%	-0.05%	1.38%	4.88%	4.58%	0.56%	3.89%		3.65%	5.32%		2.71%	5.71%	5.68%	7.36%	
1940 - 1949	5.36%		3.66%	4.73%	9.17%	20.69%	3.24%	1.83%	0.41%	2.71%		5.64%	7.39%		-1.07%	0.91%	0.28%	2.03%	
1950 - 1959	2.22%		3.88%	2.54%	19.35%	16.90%	-0.07%	1.34%	1.86%	3.30%		10.35%	7.34%		1.34%	7.81%	8.13%	5.12%	
1960 - 1969	2.52%		4.11%	1.98%	7.81%	15.53%	1.45%	3.48%	3.88%	5.00%		6.18%	6.43%		2.13%	4.20%	3.66%	3.91%	
1970 - 1979	7.36%		8.03%	6.40%	5.87%	11.49%	5.52%	6.98%	6.31%	8.23%		7.35%	7.79%		1.63%	0.95%	-0.01%	0.43%	
1980 - 1989	5.10%		8.14%	6.24%	17.55%	15.83%	12.61%	11.91%	8.89%	11.32%		14.37%	13.99%		1.90%	8.13%	9.27%	8.90%	
1990 - 1999	2.93%		5.11%	3.32%	18.21%	15.09%	8.79%	7.20%	4.93%	7.72%	7.23%	12.43%	11.21%	5.04%	1.79%	9.11%	9.50%	8.28%	2.12%
2000 - 2009	2.52%		4.09%	2.54%	-0.95%	6.09%	9.88%	6.72%	2.79%	6.01%	6.89%	3.75%	6.94%	5.49%	1.55%	1.21%	1.23%	4.42%	2.96%
2010 - 2017	1.67%		2.92%	1.80%	13.92%	15.27%	3.27%	1.94%	0.37%	4.12%	4.98%	8.09%	6.83%	7.76%	1.13%	6.29%	6.42%	5.16%	6.09%
1991 - 2017	2.29%		3.92%	2.55%	10.32%	13.32%	7.62%	5.35%	2.67%	5.95%	6.20%	8.18%	8.71%	6.01%	1.37%	5.63%	5.89%	6.42%	3.72%

Annual Std. Deviation:

1926 - 1929	1.43%				24.06%	39.46%	4.07%	2.28%	0.72%	0.10%		10.19%	10.50%			8.75%	9.07%		
1930 - 1939	5.01%		0.56%	2.88%	34.67%	60.30%	6.04%	3.61%	0.75%	0.72%		15.38%	16.88%		-2.32%	12.50%	10.37%	11.87%	
1940 - 1949	5.93%		2.71%	2.19%	16.51%	37.03%	3.75%	0.81%	0.33%	0.10%		7.34%	9.87%		0.52%	5.15%	1.41%	3.93%	
1950 - 1959	2.26%		0.99%	1.78%	19.79%	27.09%	4.86%	2.71%	0.75%	0.55%		8.36%	7.63%		-0.79%	6.58%	6.09%	5.37%	
1960 - 1969	1.80%		1.94%	0.84%	14.39%	32.07%	6.23%	3.52%	1.35%	0.95%		6.02%	6.99%		1.11%	5.18%	4.21%	5.19%	
1970 - 1979	3.45%		2.90%	1.48%	19.24%	31.10%	6.80%	4.69%	1.94%	0.76%		8.83%	9.68%		1.42%	7.35%	5.38%	6.23%	
1980 - 1989	3.22%		2.28%	2.83%	12.68%	17.20%	15.11%	8.08%	2.79%	1.91%		6.08%	8.89%		-0.56%	3.25%	2.86%	5.68%	
1990 - 1999	1.24%		2.26%	0.83%	14.16%	19.98%	12.82%	7.09%	1.36%	0.84%	0.34%	6.87%	9.53%	1.44%	1.44%	6.04%	5.63%	8.29%	0.20%
2000 - 2009	1.15%		0.79%	0.23%	21.11%	26.32%	8.67%	4.96%	1.89%	0.78%	0.74%	8.38%	4.80%	14.05%	0.55%	8.15%	7.24%	3.65%	12.90%
2010 - 2017	0.74%		0.77%	0.35%	10.06%	14.73%	0.58%	0.42%	0.36%	0.47%	0.54%	4.41%	4.14%	6.10%	0.42%	4.06%	3.67%	3.40%	5.36%
1991 - 2017	0.93%		1.34%	0.77%	17.53%	20.00%	9.61%	5.59%	2.12%	1.52%	1.17%	7.70%	6.84%	8.96%	0.57%	6.92%	6.76%	5.91%	8.02%

Column
 (2)-(11),(14)
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Provided by Client
 [Col (2) / Prior Col (2)] - 1
 [44% Col (6)] + [20% Col (9)] + [36% Col (11)]
 [17.5% Col (6)] + [17.5% Col (7)] + [30% Col (8)] + [30% Col (9)] + [5% Col (10)]

Year	Total Returns													Annual NICA Return on Investment	Difference Between Average Returns				
	CPI All Items	CPI All Items % Change	CPI Medical Index % Chg	5 Year Avg % Chg CPI All Items	Large Company Stocks	Small Company Stocks	Long-Term Govt. Bonds	Inter. Term - Gov't Bonds	U.S. Treasury Bills	Corporate Bonds (Aaa Moody's)	Merrill Lynch US Corporate 15+ Yr Portfolio	Model Portfolio	Conservative Model Portfolio		Medical v 5 Yr Avg CPI (4) - (5)	Model v 5 Yr Avg CPI (13) - (5)	Model v CPI (13) - (3)	Conservative Model v CPI (14) - (3)	NICA v CPI (15) - (3)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)		(14)	(15)	(16)	(17)	(18)
1926	17.70				11.62%	0.30%	7.77%	5.39%	3.30%	4.73%		7.89%	6.20%						
1927	17.30	-2.26%			37.49%	22.03%	8.93%	4.52%	3.10%	4.57%		19.04%	14.61%				21.30%	16.87%	
1928	17.10	-1.16%			43.61%	39.71%	0.10%	0.92%	3.57%	4.55%		21.01%	15.07%				22.17%	16.22%	
1929	17.20	0.58%			-8.42%	-51.35%	3.42%	6.01%	4.71%	4.73%		-0.80%	-7.40%				-1.39%	-7.98%	
1930	16.10	-6.40%			-24.90%	-38.10%	4.66%	6.71%	2.42%	4.55%		-7.98%	-7.49%				-1.58%	-1.10%	
1931	14.60	-9.32%		-3.71%	-43.34%	-49.71%	-5.31%	-2.32%	1.10%	4.58%		-17.89%	-18.52%			-14.18%	-8.57%	-9.20%	
1932	13.10	-10.27%		-5.31%	-8.19%	-5.41%	16.84%	8.81%	0.92%	5.01%		-0.04%	5.36%			5.27%	10.23%	15.63%	
1933	13.20	0.76%		-4.93%	53.99%	142.45%	-0.07%	1.83%	0.33%	4.49%		25.74%	34.92%			30.67%	24.97%	34.16%	
1934	13.40	1.52%		-4.74%	-1.44%	24.24%	10.03%	9.00%	0.17%	4.00%		2.61%	9.71%			7.35%	1.09%	8.19%	
1935	13.80	2.99%		-2.87%	47.67%	40.24%	4.98%	7.01%	0.16%	3.60%		23.67%	18.99%			26.54%	20.69%	16.00%	
1936	14.00	1.45%		-0.71%	33.92%	64.73%	7.52%	3.06%	0.16%	3.24%		16.70%	20.45%			17.41%	15.25%	19.00%	
1937	14.40	2.86%	0.98%	1.91%	-35.03%	-58.01%	0.23%	1.56%	0.33%	3.26%		-13.93%	-15.73%			-0.93%	-15.84%	-18.59%	
1938	14.00	-2.78%	0.00%	1.21%	31.12%	32.82%	5.53%	6.23%	0.00%	3.19%		16.09%	14.72%			-1.21%	14.88%	18.87%	17.50%
1939	14.00	0.00%	0.97%	0.90%	-0.41%	0.32%	5.94%	4.52%	0.00%	3.01%		1.81%	3.12%			0.07%	0.90%	1.81%	3.12%
1940	14.10	0.71%	0.00%	0.45%	-9.78%	-5.14%	2.96%	6.09%	0.00%	2.84%		-2.69%	0.10%			-0.45%	-3.14%	-3.40%	-0.61%
1941	15.50	9.93%	0.96%	2.14%	-11.59%	-9.06%	0.93%	0.50%	0.08%	2.77%		-4.00%	-3.18%			-1.18%	-6.15%	-13.93%	-13.11%
1942	16.90	9.03%	3.81%	3.38%	20.34%	44.59%	3.22%	1.94%	0.25%	2.83%		10.35%	12.92%			0.43%	6.98%	1.32%	3.89%
1943	17.40	2.96%	4.59%	4.53%	25.90%	88.40%	2.09%	2.81%	0.33%	2.73%		12.94%	21.49%			0.06%	8.41%	9.98%	18.53%
1944	17.80	2.30%	2.63%	4.99%	19.75%	53.70%	2.81%	1.80%	0.33%	2.72%		10.03%	14.25%			-2.36%	5.04%	7.73%	11.95%
1945	18.20	2.25%	2.56%	5.29%	36.44%	73.62%	10.73%	2.22%	0.32%	2.62%		17.42%	23.16%			-2.73%	12.13%	15.17%	20.91%
1946	21.50	18.13%	8.33%	6.93%	-8.07%	-11.63%	-0.10%	1.00%	0.40%	2.53%		-2.44%	-3.16%			1.40%	-9.37%	-20.57%	-21.29%
1947	23.40	8.84%	6.92%	6.89%	5.71%	0.91%	-2.62%	0.91%	0.48%	2.61%		3.63%	0.67%			0.03%	-3.26%	-5.20%	-8.17%
1948	24.10	2.99%	5.76%	6.90%	5.50%	-2.10%	3.40%	1.85%	0.80%	2.82%		3.80%	2.21%			-1.15%	-3.10%	0.81%	-0.78%
1949	23.60	-2.07%	1.36%	6.03%	18.79%	19.74%	6.45%	2.32%	1.11%	2.66%		9.69%	9.43%			-4.67%	3.66%	11.76%	11.50%
1950	25.00	5.93%	3.36%	6.76%	31.71%	38.74%	0.06%	0.70%	1.18%	2.62%		15.04%	12.62%			-3.41%	8.27%	9.10%	6.68%
1951	26.50	6.00%	5.84%	4.34%	24.02%	7.81%	-3.93%	0.36%	1.48%	2.86%		15.67%	4.57%			1.51%	7.33%	5.67%	-1.43%
1952	26.70	0.75%	4.29%	2.72%	18.37%	3.03%	1.16%	1.63%	1.68%	2.96%		9.47%	4.67%			1.57%	6.75%	8.72%	3.91%
1953	26.90	0.75%	3.53%	2.27%	-0.99%	-6.48%	3.23%	1.81%	3.20%	3.20%		1.36%	0.84%			1.26%	-0.91%	0.61%	0.10%
1954	26.70	-0.74%	2.27%	2.54%	52.62%	60.58%	7.19%	2.68%	0.89%	2.90%		24.73%	22.82%			-0.27%	22.19%	25.48%	23.56%
1955	26.80	0.37%	3.33%	1.43%	31.56%	20.44%	-1.29%	-0.65%	1.54%	3.05%		14.86%	8.60%			1.91%	13.43%	14.48%	8.22%
1956	27.60	2.99%	3.23%	0.82%	6.56%	4.28%	-5.59%	-0.42%	2.45%	3.36%		4.01%	0.22%			2.40%	3.19%	1.03%	-2.77%
1957	28.40	2.90%	4.69%	1.25%	-10.78%	-14.57%	7.46%	7.84%	3.17%	3.89%		-1.78%	0.31%			3.43%	-3.03%	-4.68%	-2.59%
1958	28.90	1.76%	4.48%	1.46%	43.36%	64.89%	-6.09%	-1.29%	1.50%	3.79%		20.18%	16.80%			3.02%	18.73%	18.42%	15.04%
1959	29.40	1.73%	3.81%	1.95%	11.96%	16.40%	-2.26%	-0.39%	2.96%	4.38%		6.76%	4.32%			1.86%	4.81%	5.03%	2.59%
1960	29.80	1.36%	3.21%	2.15%	0.47%	-3.29%	13.78%	11.76%	2.68%	4.41%		4.15%	7.30%			1.06%	2.00%	2.79%	5.94%
1961	30.00	0.67%	3.11%	1.68%	26.89%	32.09%	0.97%	1.85%	2.10%	4.35%		13.77%	11.27%			1.43%	12.08%	13.10%	10.60%
1962	30.40	1.33%	2.16%	1.37%	-8.73%	-11.90%	6.89%	5.56%	2.74%	4.33%		-1.17%	0.26%			0.78%	-2.54%	-2.51%	-1.07%
1963	30.90	1.64%	2.53%	1.35%	22.80%	23.57%	1.21%	1.64%	3.16%	4.26%		9.13%	9.13%			1.18%	10.55%	10.25%	7.48%
1964	31.20	0.97%	2.06%	1.20%	16.48%	23.52%	3.51%	4.04%	3.53%	4.41%		9.65%	9.44%			0.86%	8.45%	8.67%	8.47%
1965	31.80	1.92%	2.82%	1.31%	12.45%	41.75%	0.71%	1.02%	3.92%	4.49%		7.30%	10.20%			1.51%	5.99%	5.38%	8.28%
1966	32.90	3.46%	6.67%	1.87%	-10.06%	-7.01%	3.65%	4.69%	4.76%	5.13%		-1.64%	-0.25%			4.80%	-3.51%	-5.10%	-3.71%
1967	33.90	3.04%	6.25%	2.21%	23.98%	83.57%	-9.18%	1.01%	4.23%	5.51%		12.74%	16.58%			4.04%	10.53%	9.70%	13.54%
1968	35.50	4.72%	6.23%	2.82%	11.06%	35.97%	-0.26%	4.54%	5.21%	6.18%		8.00%	9.77%			3.41%	5.17%	3.28%	5.05%
1969	37.70	6.20%	6.19%	3.87%	-8.50%	-25.05%	-5.07%	-0.74%	6.57%	7.03%		-7.29%	-7.55%			2.32%	-5.23%	-7.55%	-13.48%
1970	39.80	5.57%	7.36%	4.60%	3.86%	-17.43%	12.11%	16.86%	6.52%	8.04%		7.96%	6.64%			2.76%	3.37%	2.39%	1.07%
1971	41.10	3.27%	4.57%	4.56%	14.30%	16.50%	13.23%	8.72%	4.40%	7.39%		10.70%	12.20%			0.01%	6.14%	7.43%	8.93%
1972	42.50	3.41%	3.28%	4.63%	18.99%	4.43%	5.69%	5.16%	3.82%	7.21%		11.98%	7.54%			-1.35%	7.35%	8.58%	4.14%
1973	46.20	8.71%	5.29%	5.43%	-14.69%	-30.90%	-1.11%	4.61%	6.92%	7.44%		-2.86%	-6.58%			-0.14%	-8.29%	-11.57%	-15.29%
1974	51.90	12.34%	12.56%	6.66%	-26.47%	-19.95%	4.35%	6.69%	8.03%	8.57%		-7.43%	-4.71%			5.91%	-14.08%	-19.76%	-17.05%
1975	55.50	6.94%	9.82%	6.93%	37.23%	52.82%	9.20%	7.83%	5.79%	8.83%		21.12%	21.16%			2.89%	14.19%	14.19%	14.22%
1976	58.20	4.86%	9.96%	7.25%	23.93%	57.38%	16.75%	12.87%	5.06%	8.43%		16.14%	23.37%			2.71%	8.89%	11.27%	18.50%
1977	62.10	6.70%	8.87%	7.91%	-7.16%	25.38%	-0.69%	1.41%	5.12%	8.02%		0.02%	3.66%			0.96%	-7.89%	-6.68%	-3.04%
1978	67.70	9.02%	8.83%	7.97%	6.57%	23.46%	-1.18%	3.49%	7.19%	8.73%		6.73%	6.31%			0.86%	-1.24%	-2.29%	-2.71%
1979	76.70	13.29%	10.14%	8.16%	18.61%	43.46%	-1.23%	4.09%	10.37%	9.63%		12.47%	12.24%			1.98%	4.31%	-0.82%	-1.06%
1980	86.30	12.52%	9.92%	9.28%	32.50%	39.88%	-3.95%	3.91%	11.24%	11.94%		19.38%	13.22%			0.64%	10.10%	6.86%	0.70%
1981	94.00	8.92%	12.50%	10.09%	-4.92%	13.88%	1.86%	9.45%	14.70%	14.17%		4.83%	5.70%			2.41%	-5.26%	-4.10%	-3.23%
1982	97.60	3.83%	11.00%	9.52%	21.55%	28.01%	40.36%	28.01%	10.54%	13.79%		20.27%	30.04%			1.48%	10.75%	16.44%	26.21%
1983	101.30	3.79%	6.40%	8.47%	22.56%	39.67%	0.65%	7.41%	8.81%	12.04%		15.74%	13.75%			-2.07%	7.27%	11.95%	9.96%
1984	105.30	3.95%	6.11%	6.60%	6.27%	-6.67%	15.48%	14.02%	9.85%	12.71%		10.14%	9.27%			-0.49%	3.54%	6.19%	5.32%
1985	109.30	3.80%	6.76%	4.86%	31.73%	24.66%	30.97%	20.33%	7.72%	11.37%		22.12%	25.64%			1.91%	17.26%	18.32%	21.85%

Development of Incurred Loss Tail Factor - 357 Months to Ultimate
Based on Inverse Power Curve Fit to Weighted Average All Year Factors

Summary of Indicated Tail Factors
Based on Alternative Time Intervals
Beginning at 57:69, 69:81 and 81:93 Month Factors (a)

Fitted Interval	Wtd. Avg. All Years Beginning with Factor 69:81			Indicated Tail Factor 357:Ult.	Indicated Tail Factor 357:Ult.
	Intercept Ln (a)	Slope b	Indicated Tail Factor 357:Ult.	Based on Fitted Values Beginning with 57:69 Factor	Based on Fitted Values Beginning with 81:93 Factor
(1)	(2)	(3)	(4)	(5)	(6)
First 11 Factors	(1.0839)	1.6470	1.0178	1.0117	1.0129
First 10 Factors	(2.6654)	0.9345	1.0513	1.0023	1.0291
First 9 Factors	(0.0043)	2.1484	1.0083	1.0054	1.1320
First 8 Factors	(2.2082)	1.1297	1.0392	1.0004	1.0146
First 7 Factors	1.9986	3.1017	1.0019	1.0000	1.1575
First 6 Factors	7.9655	5.9411	1.0000	1.0000	1.0030
First 5 Factors	6.8569	5.4050	1.0001	1.0000	1.0000
Average of All			1.0169	1.0028	1.0499
Selected Tail Factor 357:Ult.			1.0990		

Note: (a) Indicated tail factor based on inverse power curve fit (with $y = 1 + a / (t + c)^b$ where $c = -1$) to various time intervals as described in column (1). An example is shown in Appendix C, Exhibit II, Sheets 1 and 2.

Development of Incurred Loss Tail Factor - 357 Months to Ultimate
Based on Inverse Power Curve Fit to Weighted Average All Year Factors

Example Shown Below for Fit to First Ten Dollar Weighted Average All Factors - Beginning with 57:69

Maturity	T Value	Incremental Development Factor (a)	Dev. Factor Minus 1.0 D Fact - 1 (3) - 1.0	X Value Ln(1/t) Log (1/ Col.(2))	Y Value Ln (Fact-1) Log (Col. (4))	Fitted Value Ln (Fact-1) Y = Col. (6) X = Col. (5)	Fitted Value Exp (Col. (7))	Fitted Loss Dev. Factor 1.0 + Col. (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
57	5.75	1.13903	0.1390	-1.7492	-1.9731	-3.0023	0.0497	1.0497
69	6.75	1.02318	0.0232	-1.9095	-3.7643	-3.5207	0.0296	1.0296
81	7.75	1.00857	0.0086	-2.0477	-4.7590	-3.9673	0.0189	1.0189
93	8.75	1.07235	0.0723	-2.1691	-2.6263	-4.3597	0.0128	1.0128
105	9.75	1.00100	0.0010	-2.2773	-6.9078	-4.7095	0.0090	1.0090
117	10.75	1.00270	0.0027	-2.3749	-5.9155	-5.0252	0.0066	1.0066
129	11.75	1.00100	0.0010	-2.4639	-6.9078	-5.3127	0.0049	1.0049
141	12.75	1.01660	0.0166	-2.5455	-4.0983	-5.5768	0.0038	1.0038
153	13.75	1.03071	0.0307	-2.6210	-3.4832	-5.8209	0.0030	1.0030
165	14.75	1.00100	0.0010	-2.6912	-6.9078	-6.0479	0.0024	1.0024

(10) Ln a - Intercept =====> 2.6528
 (11) a =====> 14.1938
 (12) b - Slope =====> 3.2330
 (13) Indicated Tail 357 to Ultimate =====> 1.0023
 (14) Selected Tail 357 to Ultimate =====> 1.0990

Note: (a) Based on inverse power curve fit to the incurred loss development (weighted average all years) factors as shown on Exhibit VII, Sheets 2b-1, 2, and 3, factors from 57:69 to 165:177.

Development of Incurred Loss Tail Factor - 357 Months to Ultimate

Based on Inverse Power Curve Fit to Factors Shown in Appendix C, Exhibit II, Sheet 1

Extrapolated to 621 Months - Based on Approximate Life Expectancy at Age 29 (357 months)

Maturity	T Value	X Value		Fitted Loss		Fitted Loss Dev. Factor Cumulative Product of Col. (6)
		Ln(1/t) Log (1/ Col.(2))	Fitted Value (a) Ln (Fact-1)	Fitted Value Exp (Col. (4))	Dev. Factor (Incremental) 1.0 + Col. (5)	
-----	-----	-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)	(6)	(7)
357	30.75	-3.42589	-8.4229	0.0002	1.0002	1.0023
369	31.75	-3.45789	-8.5264	0.0002	1.0002	1.0020
381	32.75	-3.48890	-8.6267	0.0002	1.0002	1.0018
393	33.75	-3.51898	-8.7239	0.0002	1.0002	1.0017
405	34.75	-3.54818	-8.8183	0.0001	1.0001	1.0015
417	35.75	-3.57655	-8.9100	0.0001	1.0001	1.0013
429	36.75	-3.60414	-8.9992	0.0001	1.0001	1.0012
441	37.75	-3.63099	-9.0860	0.0001	1.0001	1.0011
453	38.75	-3.65713	-9.1705	0.0001	1.0001	1.0010
465	39.75	-3.68261	-9.2529	0.0001	1.0001	1.0009
477	40.75	-3.70746	-9.3332	0.0001	1.0001	1.0008
489	41.75	-3.73170	-9.4116	0.0001	1.0001	1.0007
501	42.75	-3.75537	-9.4881	0.0001	1.0001	1.0006
513	43.75	-3.77849	-9.5629	0.0001	1.0001	1.0005
525	44.75	-3.80109	-9.6360	0.0001	1.0001	1.0005
537	45.75	-3.82319	-9.7074	0.0001	1.0001	1.0004
549	46.75	-3.84481	-9.7773	0.0001	1.0001	1.0003
561	47.75	-3.86598	-9.8457	0.0001	1.0001	1.0003
573	48.75	-3.88671	-9.9127	0.0000	1.0000	1.0002
585	49.75	-3.90701	-9.9784	0.0000	1.0000	1.0002
597	50.75	-3.92691	-10.0427	0.0000	1.0000	1.0001
609	51.75	-3.94642	-10.1058	0.0000	1.0000	1.0001
621	52.75	-3.96556	-10.1677	0.0000	1.0000	1.0000

Note: (a) Based on Slope and Intercept values shown in Appendix C, Exhibit II, Sheet 1 and X value shown in Column (3) above.

Actual Paid Loss and ALAE
Current Level Basis

Before Reinsurance Recovery

Birth Year	Paid Loss & ALAE											
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (b)	@ 12/31/13 (b)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)	@ 12/31/17 (b)	@ 3/31/18 (b)	@ 6/30/18 (b)	@ 9/30/18 (b)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1989	10,186,409	10,458,034	10,858,188	11,264,469	11,960,429	12,703,237	13,334,954	13,907,887	14,267,027	14,337,104	14,457,377	14,568,168
1990	3,723,264	3,837,883	3,989,667	4,134,429	4,739,750	5,431,197	5,637,024	5,823,482	6,017,106	6,067,308	6,156,269	6,231,108
1991	3,412,646	3,925,649	4,405,095	5,367,300	6,403,902	7,111,676	7,663,287	8,163,390	8,706,421	8,881,496	9,046,273	9,168,982
1992	6,464,261	7,013,018	7,772,126	8,309,249	10,486,924	11,960,130	12,815,067	13,662,902	14,588,741	14,790,075	15,092,844	15,283,783
1993	11,600,217	12,313,100	13,089,455	13,913,903	15,456,495	16,811,505	17,688,776	18,583,444	19,373,096	19,596,791	19,863,797	20,111,733
1994	4,883,079	5,023,121	5,198,208	5,344,508	5,989,723	6,458,956	6,706,993	6,946,563	7,192,264	7,288,259	7,356,948	7,412,148
1995	3,873,071	4,829,658	5,595,923	5,921,580	7,168,370	8,042,178	8,707,711	9,315,298	10,038,156	10,173,105	10,319,438	10,440,241
1996	5,071,490	5,506,117	5,973,099	6,311,867	7,106,412	7,899,721	8,279,761	8,658,214	9,129,668	9,268,425	9,390,428	9,515,385
1997	5,207,959	5,901,603	6,522,569	7,543,370	9,312,837	10,296,445	10,877,579	11,452,153	11,977,563	12,102,903	12,282,153	12,410,847
1998	8,112,136	9,116,042	10,194,077	11,277,495	13,609,770	15,863,619	17,129,762	18,446,385	19,760,086	20,041,584	20,476,453	20,802,716
1999	6,164,930	6,912,528	7,719,729	8,273,551	9,732,949	10,418,299	10,955,512	11,455,006	11,901,286	11,970,110	12,049,141	12,161,310
2000	2,965,732	3,276,769	3,514,181	3,762,460	4,317,207	4,972,975	5,238,763	5,520,902	5,837,741	5,931,021	6,015,562	6,117,502
2001	3,883,121	4,175,734	4,515,405	4,842,890	5,425,462	5,877,102	6,434,214	6,883,540	7,320,379	7,427,496	7,540,149	7,722,186
2002	5,826,962	6,856,989	7,727,861	8,707,708	10,580,391	11,973,470	13,103,213	14,202,065	15,119,824	15,436,724	15,716,055	15,959,583
2003	1,772,921	1,930,389	2,203,060	2,495,687	2,753,640	3,099,320	3,596,458	3,994,291	4,352,130	4,439,571	4,503,829	4,580,097
2004	2,171,906	2,595,632	2,994,077	3,215,209	3,522,795	3,877,573	4,192,045	4,475,363	4,770,134	4,864,707	4,951,370	5,061,102
2005	2,142,949	3,240,890	3,997,772	4,719,465	5,198,978	5,677,987	6,111,341	6,586,084	7,095,668	7,211,469	7,401,376	7,500,169
2006	1,291,184	2,233,340	3,934,023	4,901,878	5,614,611	6,260,850	6,868,225	7,525,340	8,325,390	8,504,873	8,671,977	8,808,082
2007	909,414	2,145,757	3,232,481	4,101,955	5,212,346	6,071,909	7,004,826	7,953,448	8,849,635	9,020,232	9,233,881	9,458,472
2008	287,894	916,649	1,407,917	2,014,976	2,355,509	2,934,059	3,572,068	4,287,731	5,061,580	5,215,974	5,373,662	5,546,968
2009	114,839	628,299	1,532,304	2,438,709	3,142,736	3,691,740	4,230,225	5,156,527	6,451,376	6,594,291	6,776,300	6,912,321
2010		116,166	895,231	1,203,035	1,818,188	2,065,585	2,245,502	2,456,858	2,674,347	2,724,766	2,772,713	2,816,409
2011			11,245	178,666	877,041	1,559,805	2,333,485	3,117,907	3,794,991	3,906,899	4,034,720	4,219,957
2012				16,611	97,446	898,196	1,645,365	2,061,021	2,323,849	2,422,340	2,481,727	2,630,557
2013					114,394	873,399	1,747,648	2,424,840	3,154,345	3,291,551	3,470,772	3,589,637
2014						116,952	652,037	1,765,040	2,940,791	3,352,776	3,625,094	3,975,219
2015							0	365,465	1,346,365	1,547,419	1,751,089	2,116,426
2016								10,326	390,803	508,937	525,854	546,357
2017									5,229	170,743	419,099	428,942
2018										0	1,406	5,372
Totals:												
2009 & Prior	90,066,385	102,837,202	116,377,216	128,862,658	150,091,237	167,433,947	180,147,805	193,000,014	206,135,268	209,163,518	212,675,282	215,772,902
2010 & Prior		102,953,368	117,272,447	130,065,693	151,909,425	169,499,532	182,393,308	195,456,871	208,809,616	211,888,283	215,447,995	218,589,311
2011 & Prior			117,283,692	130,244,359	152,786,466	171,059,337	184,726,793	198,574,778	212,604,607	215,795,183	219,482,716	222,809,268
2012 & Prior				130,260,969	152,883,912	171,957,533	186,372,157	200,635,799	214,928,456	218,217,522	221,964,443	225,439,825
2013 & Prior					152,998,305	172,830,932	188,119,805	203,060,639	218,082,801	221,509,073	225,435,215	229,029,462
2014 & Prior						172,947,884	188,771,842	204,825,679	221,023,592	224,861,849	229,060,309	233,004,681
2015 & Prior							188,771,842	205,191,144	222,369,957	226,409,268	230,811,398	235,121,107
2016 & Prior								205,201,470	222,760,760	226,918,205	231,337,252	235,667,464
2017 & Prior									222,765,989	227,088,947	231,756,351	236,096,406
2018 & Prior										227,088,947	231,757,758	236,101,778

Notes: (a) Based on actual paid loss and ALAE as shown in Exhibit I, Sheet 1c, Column (4) of reserve reports evaluated as of 12/31/2011 and prior,

(b) Based on actual paid loss and ALAE as shown in Exhibit I, Sheet 1a, Column (4) of reserve reports evaluated as of 12/31/2012 and subsequent.

Actual Incurred Loss and ALAE
Current Level Basis
Before Inflation and Discount
Before Reinsurance Recovery

Birth Year	Incurred Loss & ALAE												
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (b)	@ 12/31/13 (b)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)	@ 12/31/17 (b)	@ 3/31/18 (b)	@ 6/30/18 (b)	@ 9/30/18 (b)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1989	25,392,567	26,078,544	25,583,011	27,706,619	26,373,709	26,675,829	26,051,832	26,326,147	25,441,183	25,441,195	25,441,195	25,441,195	
1990	13,314,815	10,443,544	10,543,426	12,118,649	11,460,479	11,121,608	11,216,567	11,406,760	12,078,863	12,078,863	12,078,863	12,078,863	
1991	22,161,349	22,464,393	23,417,200	28,845,823	27,053,131	27,437,409	27,781,984	28,295,975	27,582,759	27,582,759	27,582,759	27,582,759	
1992	45,578,473	45,939,767	46,942,773	55,890,448	52,815,766	52,867,490	50,976,324	51,656,458	51,825,758	51,825,758	51,825,758	51,825,758	
1993	45,769,261	46,809,981	42,703,727	48,709,272	44,371,745	44,496,964	45,096,852	45,229,024	44,240,688	44,240,688	44,240,688	44,240,688	
1994	15,697,230	16,210,446	18,343,661	20,873,806	20,730,853	20,768,073	21,178,550	21,338,915	20,463,924	20,463,924	20,463,924	20,463,924	
1995	30,541,666	29,252,587	27,611,220	28,549,550	31,116,266	31,193,690	30,817,517	31,573,999	32,530,259	32,530,259	32,530,259	32,530,259	
1996	32,557,199	32,684,558	24,024,889	28,929,040	28,427,439	30,016,711	28,837,569	29,370,705	30,070,691	30,070,691	30,070,691	30,070,691	
1997	38,463,312	43,675,859	41,626,317	44,901,093	45,773,854	42,295,331	41,082,818	41,695,864	39,746,715	39,746,715	39,746,715	39,746,715	
1998	54,563,346	61,812,278	60,372,902	69,428,161	71,845,599	74,110,454	74,869,360	73,947,873	67,690,266	67,690,266	67,674,037	67,674,037	
1999	26,384,594	30,676,593	27,364,683	29,426,181	30,621,162	26,815,846	27,279,195	26,851,564	26,469,569	26,470,146	26,470,171	26,470,171	
2000	22,486,180	21,268,225	17,120,713	21,576,045	18,959,802	19,436,294	19,326,133	19,745,527	21,260,799	21,260,863	21,260,863	21,260,863	
2001	21,353,204	24,146,698	22,453,008	27,428,112	26,466,604	26,011,537	27,662,585	28,764,655	29,028,446	29,028,446	29,028,446	29,028,446	
2002	67,771,825	65,863,004	75,780,805	81,408,182	80,239,381	75,578,631	73,816,750	71,230,346	80,239,381	69,075,832	69,076,610	69,076,610	
2003	11,350,748	13,844,639	15,168,263	15,986,156	15,239,817	15,719,835	15,365,678	15,565,872	18,044,410	18,044,492	18,044,492	18,044,492	
2004	26,994,425	22,859,791	23,353,511	23,639,048	24,722,792	24,881,802	24,763,096	24,467,783	27,934,816	27,935,046	27,935,046	27,935,046	
2005	40,349,156	51,636,560	49,969,413	50,170,611	41,236,975	33,705,260	32,296,495	33,337,907	32,289,079	32,289,484	32,289,484	32,289,484	
2006	33,495,282	37,658,562	48,568,924	49,129,618	48,994,258	50,001,133	52,359,974	53,254,022	48,406,081	48,389,040	48,389,040	48,389,040	
2007	16,105,434	32,149,065	42,727,201	45,320,710	43,306,651	43,280,986	41,872,020	43,492,063	38,318,675	38,318,801	38,318,801	38,318,801	
2008	19,305,512	27,518,410	45,383,414	47,873,092	52,865,872	50,399,012	56,105,819	52,603,536	52,483,297	52,499,877	52,503,121	52,493,121	
2009	2,400,124	12,214,510	32,754,971	43,304,404	47,846,038	45,798,713	48,326,705	52,107,418	58,470,612	58,476,848	58,445,338	58,445,338	
2010		367,288	11,709,849	23,432,658	28,572,781	27,241,537	27,631,375	26,491,003	28,170,398	28,170,594	28,200,594	28,200,594	
2011			8,025,000	18,092,817	27,966,715	38,554,067	47,898,365	46,663,004	47,391,514	47,391,740	47,451,740	47,421,808	
2012				12,090,000	20,346,124	28,272,096	31,340,190	24,080,908	28,663,775	28,664,285	28,620,800	28,620,800	
2013					8,415,555		14,108,083	24,160,711	27,946,444	30,675,106	30,675,106	30,636,643	
2014							6,459,800	22,999,374	37,678,801	39,204,196	39,180,693	39,199,406	38,232,302
2015								0	18,702,803	25,309,491	27,996,976	33,175,684	36,767,116
2016									2,984,445	3,189,395	3,219,781	6,998,528	7,038,528
2017										220,615	5,797,006	6,902,727	7,076,727
2018											0	2,820,000	5,340,000
Totals:													
2009 & Prior	612,035,700	675,208,013	721,814,030	801,214,619	790,468,191	772,612,609	777,083,824	782,262,417	773,452,725	773,460,748	773,416,303	773,406,303	
2010 & Prior		675,575,300	733,523,879	824,647,277	819,040,972	799,854,146	804,715,198	808,753,421	801,623,124	801,631,342	801,616,897	801,606,897	
2011 & Prior			741,548,879	842,740,094	847,007,687	838,408,213	852,613,563	855,416,424	849,014,638	849,023,082	849,068,637	849,028,704	
2012 & Prior				854,830,094	867,353,811	866,680,309	883,953,753	879,497,332	877,678,413	877,687,368	877,689,437	877,649,505	
2013 & Prior						875,769,366	880,788,392	908,114,464	907,443,776	908,353,519	908,362,473	908,351,746	908,286,148
2014 & Prior							887,248,192	931,113,838	945,122,577	947,557,715	947,543,166	947,551,151	946,518,450
2015 & Prior								931,113,838	963,825,379	972,867,205	975,540,142	980,726,835	983,285,566
2016 & Prior									966,809,825	976,056,601	978,759,923	987,725,363	990,324,094
2017 & Prior										976,277,215	984,556,929	994,628,090	997,400,821
2018 & Prior											984,556,929	997,448,090	1,002,740,821

Notes: (a) Based on actual paid and case outstanding loss and ALAE as shown in Exhibit I, Sheet 1c, Columns (4) and (2) of reserve reports evaluated as of 12/31/2011 and prior.

(b) Based on actual paid and case outstanding loss and ALAE as shown in Exhibit I, Sheet 1a, Columns (4) and (2) of reserve reports evaluated as of 12/31/2012 and subsequent.

Ultimate Loss and ALAE
Birth Year Level Basis (Paid and Outstanding Loss and ALAE)
Before Inflation and Discount
Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE											
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (a)	@ 12/31/13 (a)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)	@ 12/31/17 (b)	@ 3/31/18 (b)	@ 6/30/18 (b)	@ 9/30/18 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1989	N/A	27,151,287	26,330,062	26,239,659	23,959,593	24,195,976	23,414,027	23,125,750	22,247,493	21,972,129	21,983,702	21,980,154
1990	N/A	11,614,027	11,477,027	11,641,938	10,246,976	9,999,835	9,939,137	9,834,515	10,241,714	10,118,407	10,110,491	10,108,292
1991	N/A	21,846,966	23,599,488	25,562,294	22,304,544	22,311,410	22,422,995	22,327,764	21,603,024	21,433,563	21,430,446	21,426,727
1992	N/A	45,007,814	45,510,337	49,648,408	43,814,483	44,193,315	42,324,758	41,873,921	41,648,941	41,352,013	41,308,711	41,277,699
1993	N/A	46,399,495	42,090,226	45,388,953	39,587,735	39,534,688	39,694,225	39,036,364	37,954,191	37,613,398	37,602,340	37,594,975
1994	N/A	17,704,344	19,509,699	20,997,772	19,372,951	18,678,491	18,851,442	18,217,559	17,763,746	17,631,875	17,615,188	17,604,035
1995	N/A	29,612,489	27,858,448	26,170,052	26,818,973	25,772,539	26,087,912	25,662,899	26,306,261	26,400,428	26,498,539	26,520,705
1996	N/A	34,616,867	25,704,748	27,833,390	26,231,269	25,801,313	24,493,693	24,589,056	24,969,372	24,972,277	25,217,543	25,243,061
1997	N/A	46,595,341	43,560,423	40,798,018	40,407,001	36,376,739	34,536,923	34,325,245	32,694,782	32,633,616	32,999,784	32,953,786
1998	N/A	66,412,941	63,607,918	63,521,734	61,517,550	63,630,834	63,226,390	60,905,055	55,860,280	55,753,549	56,259,254	56,204,668
1999	N/A	35,941,607	31,549,054	29,830,188	28,407,824	24,714,807	24,390,834	23,409,402	23,002,739	22,932,196	22,908,525	22,879,992
2000	N/A	26,019,849	21,007,662	22,396,391	18,726,468	17,876,978	17,216,907	17,027,251	18,099,943	18,051,808	18,087,733	18,069,120
2001	N/A	30,143,811	27,629,667	28,951,546	26,397,525	24,055,468	24,549,828	24,792,104	24,719,308	24,646,185	24,724,496	24,701,504
2002	N/A	81,623,942	89,912,951	84,119,393	77,166,072	71,583,645	67,160,964	62,125,579	59,580,427	59,234,687	59,468,580	59,432,648
2003	N/A	19,765,701	20,411,699	18,732,576	16,820,632	15,371,140	14,491,272	14,022,907	15,763,511	15,682,337	15,709,860	15,707,145
2004	N/A	34,906,670	33,509,530	28,899,731	28,835,840	26,266,333	25,078,722	23,496,241	26,097,578	24,913,318	24,844,027	24,819,968
2005	N/A	73,254,683	67,946,105	58,507,245	46,987,970	38,008,212	34,625,670	33,578,652	32,030,326	31,527,396	31,413,990	31,373,147
2006	N/A	59,312,524	66,536,687	58,405,872	57,971,240	58,221,693	57,273,917	55,106,696	49,374,895	47,138,781	46,991,878	46,924,779
2007	N/A	59,153,178	67,620,964	58,470,417	56,101,360	52,163,570	47,452,521	46,361,933	40,252,269	39,780,173	39,455,302	39,397,089
2008	N/A	66,478,546	79,164,976	68,213,720	68,761,560	64,432,055	66,360,989	58,916,171	57,179,737	54,362,834	55,672,626	55,722,350
2009	N/A	70,036,100	82,639,361	74,221,132	73,702,410	61,645,728	59,938,541	60,751,883	65,746,467	64,959,744	64,105,665	63,758,674
2010		64,978,389	69,884,924	64,673,667	56,447,824	43,747,351	35,510,801	32,471,443	32,871,068	32,477,067	31,951,013	31,768,790
2011			72,891,940	71,306,452	65,671,795	65,087,844	67,347,302	60,514,485	58,807,873	57,554,536	57,103,937	56,525,249
2012				81,217,094	76,746,568	67,114,423	57,809,164	43,294,886	39,903,132	36,018,873	35,942,804	35,616,566
2013					76,400,906	62,357,107	60,846,197	54,240,114	51,458,790	47,473,036	45,543,873	45,048,098
2014						69,737,636	60,346,694	84,954,480	68,887,830	66,453,821	64,291,163	63,509,407
2015							61,923,125	75,914,747	63,520,691	59,350,028	62,758,892	65,025,496
2016								69,229,336	56,397,130	52,535,463	52,238,386	43,530,628
2017									69,648,129	74,798,099	70,824,908	70,306,584
2018 (9 Mo)										20,007,458	37,057,697	57,286,533
Totals:												
2009 & Prior	N/A	903,598,184	917,177,034	868,550,428	814,139,976	764,834,769	743,531,665	719,486,948	703,137,005	693,110,713	694,408,681	693,700,517
2010 & Prior		968,576,573	987,061,958	933,224,095	870,587,801	808,582,121	779,042,467	751,958,390	736,008,073	725,587,780	726,359,694	725,469,307
2011 & Prior			1,059,953,897	1,004,530,547	936,259,596	873,669,964	846,389,769	812,472,875	794,815,946	783,142,316	783,463,631	781,994,557
2012 & Prior				1,085,747,642	1,013,006,165	940,784,387	904,198,933	855,767,761	834,719,078	819,161,189	819,406,434	817,611,122
2013 & Prior					1,089,407,071	1,003,141,494	965,045,130	910,007,875	886,177,868	866,634,226	864,950,308	862,659,221
2014 & Prior						1,072,879,130	1,045,391,825	994,962,354	955,065,699	933,088,046	929,241,471	926,168,627
2015 & Prior							1,107,314,950	1,070,877,102	1,018,586,390	992,438,074	992,000,363	991,194,123
2016 & Prior								1,140,106,438	1,074,983,520	1,044,973,537	1,044,238,749	1,034,724,751
2017 & Prior									1,144,631,648	1,119,771,636	1,115,063,657	1,105,031,335
2018 & Prior										1,139,779,093	1,152,121,354	1,162,317,868

Note: (a) Based on historical estimates of ultimate loss and ALAE at birth year level before inflation and anticipated investment income as shown in Column (7) of Exhibit IV of reserve reports evaluated as of 12/31/2013 and prior.

(b) See Exhibit IV, Sheet 1, Column (2) of reserve reports evaluated as of 12/31/2014 and subsequent.

Ultimate Loss and ALAE
Actual Paid and Current Level Outstanding Before Prospective Inflation and Discount
Before Inflation and Discount
Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE											
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (b)	@ 12/31/13 (b)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)	@ 12/31/17 (b)	@ 3/31/18 (b)	@ 6/30/18 (b)	@ 9/30/18 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1989	30,195,406	31,013,780	30,302,524	32,662,292	31,283,689	31,469,118	30,462,198	30,430,686	29,246,689	29,157,393	29,086,644	29,013,687
1990	16,245,871	13,213,102	13,155,761	14,871,810	14,150,051	13,663,968	13,606,869	13,628,986	14,227,333	14,178,925	14,138,904	14,098,935
1991	25,563,433	24,954,229	27,201,674	32,897,544	30,896,715	30,694,703	30,914,846	31,267,424	30,329,935	30,273,406	30,227,303	30,180,328
1992	52,762,445	50,796,217	51,820,930	63,695,571	60,456,635	60,573,984	58,153,407	58,461,943	58,278,747	58,149,904	58,040,935	57,931,448
1993	53,982,015	52,079,760	47,624,682	56,359,640	52,344,829	51,837,574	52,138,771	51,936,583	50,530,018	50,398,841	50,299,454	50,198,730
1994	20,606,060	19,583,922	21,745,732	25,995,859	25,577,544	24,502,615	24,771,605	24,264,459	23,680,669	23,618,094	23,567,489	23,516,622
1995	36,386,656	33,041,315	31,392,335	32,691,605	36,475,380	34,730,142	35,055,879	35,002,803	35,946,787	36,210,158	36,315,600	36,319,881
1996	41,081,064	38,326,178	28,672,897	34,219,094	34,784,174	34,054,192	32,351,892	32,962,635	33,535,980	33,668,624	33,976,635	33,980,730
1997	48,276,930	51,540,936	48,562,684	51,684,192	54,619,408	48,898,105	46,508,461	46,927,643	44,777,076	44,820,919	45,298,197	45,209,120
1998	67,105,294	73,205,094	70,673,787	78,809,076	81,912,168	84,654,728	84,225,777	82,393,345	75,648,623	75,719,255	76,375,982	76,239,217
1999	35,469,979	39,466,371	34,938,796	36,306,404	37,383,127	32,136,323	30,736,790	30,812,415	30,294,112	30,325,745	30,259,604	30,193,067
2000	30,665,379	28,356,997	23,037,519	27,324,802	24,434,778	23,371,455	22,525,893	22,607,943	24,086,292	24,111,051	24,139,049	24,090,406
2001	29,466,949	32,760,575	30,231,415	34,994,886	33,994,147	30,763,220	31,442,585	32,252,183	32,195,308	32,195,513	32,282,438	32,231,342
2002	89,829,000	88,640,493	98,299,372	102,197,306	100,852,407	93,163,144	87,458,847	82,156,773	78,853,193	78,689,199	78,934,323	78,787,695
2003	17,352,578	21,361,345	22,214,126	22,442,880	21,586,870	19,629,041	18,485,142	18,136,582	20,478,428	20,440,395	20,461,611	20,429,198
2004	41,925,368	37,567,720	36,310,314	34,533,322	35,562,370	32,300,491	30,866,114	29,382,705	32,749,998	32,567,157	32,451,274	32,393,904
2005	63,388,909	78,569,317	73,374,866	69,958,032	57,686,770	46,515,525	42,398,405	41,793,993	39,904,713	39,598,107	39,431,989	39,348,820
2006	56,804,169	63,345,467	71,604,504	69,642,638	68,245,099	68,485,821	67,490,299	66,108,309	59,343,178	58,994,634	58,779,557	58,669,931
2007	43,932,498	62,882,409	72,358,633	69,436,362	65,669,897	61,030,854	55,614,372	55,288,691	48,074,049	47,744,738	47,345,821	47,256,761
2008	70,240,739	66,960,112	80,058,011	74,863,254	76,924,563	72,115,450	74,397,721	67,287,501	65,428,405	65,040,184	64,240,062	64,150,064
2009	65,842,195	70,271,249	83,227,624	81,077,021	81,914,437	68,475,520	66,638,074	68,736,752	74,480,094	73,988,955	72,863,518	72,437,667
2010		64,978,389	70,135,006	70,499,869	62,574,064	48,496,715	39,378,914	36,647,659	37,160,337	36,781,784	36,235,306	36,018,539
2011			72,891,940	77,584,464	72,600,196	71,996,315	74,559,791	68,192,855	66,336,890	65,097,699	64,658,519	63,956,159
2012				81,217,094	77,309,410	67,729,133	58,440,532	44,610,051	41,198,718	40,557,423	40,521,155	40,121,060
2013					76,400,906	62,478,164	61,072,531	55,495,022	52,757,475	48,938,876	47,012,686	46,485,208
2014						69,737,636	80,485,475	86,783,624	70,511,636	68,137,757	65,931,016	65,107,564
2015							61,923,125	77,433,227	64,925,458	60,754,710	64,263,320	66,566,820
2016								69,229,336	56,524,744	53,691,904	52,453,740	43,701,267
2017									69,648,129	74,950,838	70,955,820	70,422,091
2018 (9 Mo)										20,007,458	37,057,697	57,286,533
Totals:												
2009 & Prior	937,122,936	977,936,586	996,808,186	1,046,663,592	1,026,755,059	963,065,973	937,243,949	921,840,352	902,089,627	899,891,199	898,516,387	896,677,556
2010 & Prior		1,042,914,976	1,066,943,192	1,117,163,461	1,089,329,123	1,011,562,688	976,622,863	958,488,010	939,249,964	936,672,983	934,751,693	932,696,095
2011 & Prior			1,139,835,132	1,194,747,925	1,161,929,319	1,083,559,003	1,051,182,654	1,026,680,865	1,005,586,855	1,001,770,683	999,410,212	996,652,254
2012 & Prior				1,275,965,019	1,239,238,729	1,151,288,136	1,109,623,186	1,071,290,917	1,046,785,572	1,042,328,106	1,039,931,367	1,036,773,314
2013 & Prior					1,315,639,635	1,213,766,300	1,170,695,717	1,126,785,939	1,099,543,048	1,091,266,981	1,086,944,053	1,083,258,522
2014 & Prior						1,283,503,936	1,251,181,192	1,213,569,563	1,170,054,683	1,159,404,738	1,152,875,069	1,148,366,087
2015 & Prior							1,313,104,318	1,291,002,789	1,234,980,142	1,220,159,448	1,217,138,389	1,214,932,906
2016 & Prior								1,360,232,125	1,291,504,885	1,273,851,352	1,269,592,130	1,258,634,173
2017 & Prior									1,361,153,014	1,348,802,190	1,340,547,949	1,329,056,264
2018 & Prior										1,368,809,648	1,377,605,646	1,386,342,797

Notes: (a) Based on actual paid loss and ALAE and total outstanding loss & ALAE before inflation and discount as shown in Columns (4) and (3) of Exhibit I, Sheet 1c of reserve reports evaluated as of 12/31/11 and prior.
(b) Based on actual paid loss and ALAE and total outstanding loss & ALAE before inflation and discount as shown in Columns (4) and (3) of Exhibit I, Sheet 1a of reserve reports evaluated as 12/31/2012 and subsequent.

Ultimate Loss and ALAE
Actual Paid and Current Level Outstanding After Prospective Inflation and Discount
After Inflation and Discount
Before Reinsurance Recovery

Birth Year	Ultimate Loss & ALAE											
	@ 12/31/09 (a)	@ 12/31/10 (a)	@ 12/31/11 (a)	@ 12/31/12 (b)	@ 12/31/13 (b)	@ 12/31/14 (b)	@ 12/31/15 (b)	@ 12/31/16 (b)	@ 12/31/17 (b)	@ 3/31/18 (b)	@ 6/30/18 (b)	@ 9/30/18 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1989	24,441,344	25,948,541	25,509,442	27,506,772	26,769,383	27,123,053	26,805,426	26,875,438	25,964,034	25,909,219	25,879,332	25,845,092
1990	12,808,521	11,232,113	11,625,555	13,159,030	12,801,141	12,365,439	12,168,747	12,239,885	12,789,992	12,766,028	12,755,448	12,742,158
1991	18,982,292	18,925,551	21,097,411	25,311,770	24,687,061	24,806,078	25,189,482	25,655,032	25,047,376	25,057,791	25,072,996	25,076,807
1992	39,675,481	38,220,549	40,222,982	49,327,350	47,876,956	48,344,732	47,216,267	47,716,384	48,119,766	48,098,345	48,114,672	48,103,830
1993	42,880,334	41,791,486	38,731,321	45,788,530	43,090,047	42,973,732	43,558,848	43,718,010	43,010,446	42,940,930	42,904,457	42,860,844
1994	15,511,446	15,277,614	16,761,793	20,064,060	19,867,432	19,099,948	19,373,601	19,131,405	19,083,459	19,061,491	19,040,052	19,014,182
1995	26,915,196	25,514,756	24,594,274	26,029,492	29,127,651	28,045,372	28,516,389	28,704,502	29,702,005	29,950,211	30,080,947	30,128,259
1996	30,841,922	29,640,210	23,306,497	27,492,683	28,231,067	27,759,412	26,648,821	27,352,277	27,972,026	28,128,540	28,416,853	28,470,590
1997	37,297,553	38,408,874	37,115,006	40,113,754	42,286,861	38,419,803	37,124,460	37,480,903	36,234,683	36,323,702	36,747,525	36,738,417
1998	50,964,904	55,458,158	54,498,067	60,767,030	63,468,215	66,084,761	66,580,979	65,785,746	61,025,424	61,164,079	61,774,583	61,769,301
1999	29,196,428	32,383,479	29,184,644	30,565,329	31,550,950	27,490,519	27,363,332	26,703,909	26,214,859	26,278,710	26,268,418	26,264,717
2000	23,206,043	21,551,843	18,016,710	21,062,633	18,979,138	18,396,036	18,031,693	18,245,985	19,495,776	19,555,072	19,614,424	19,620,389
2001	21,941,809	24,613,890	23,226,853	26,851,692	26,301,482	24,310,745	24,937,568	25,715,250	25,986,782	26,025,252	26,129,798	26,147,415
2002	69,791,893	66,487,667	73,147,995	76,262,326	76,648,996	71,252,206	68,058,132	64,256,069	62,535,820	62,521,502	62,800,935	62,778,310
2003	14,143,138	16,698,172	17,581,858	17,921,235	17,572,173	16,171,414	15,546,083	15,438,664	17,106,855	17,105,810	17,146,505	17,146,884
2004	29,160,067	26,493,106	26,130,395	25,034,954	26,012,771	25,020,810	24,172,266	23,094,449	25,376,483	25,281,175	25,232,568	25,232,663
2005	43,464,402	54,307,547	51,711,604	49,769,567	41,687,280	34,811,925	31,964,475	31,792,568	30,379,108	30,199,402	30,140,188	30,112,746
2006	38,500,429	43,369,044	50,126,583	49,183,485	48,785,647	51,478,446	50,784,676	50,336,631	45,855,599	45,657,310	45,552,745	45,516,458
2007	29,545,510	42,718,969	50,113,793	48,454,775	46,503,833	44,110,521	43,132,964	43,330,168	38,254,985	38,057,073	37,816,640	37,810,260
2008	46,611,215	44,717,134	54,385,826	51,148,205	52,939,180	50,395,677	52,713,571	49,345,410	46,953,609	46,768,363	46,296,752	46,322,483
2009	43,322,464	46,499,415	56,182,157	55,061,598	56,275,559	47,843,080	47,160,268	49,202,596	55,417,658	55,153,484	54,441,430	54,219,435
2010		42,506,678	46,963,905	47,244,604	42,551,480	33,550,530	27,627,157	25,943,105	26,463,338	26,264,839	25,964,145	25,895,174
2011			48,135,149	51,255,567	48,664,196	49,025,594	51,459,755	47,536,597	46,583,905	45,862,119	45,706,678	45,395,337
2012				53,164,473	51,304,216	45,663,550	40,043,978	30,959,093	28,754,324	28,375,744	28,429,536	28,274,163
2013					50,356,222	41,890,895	41,626,313	38,253,503	36,709,393	34,191,133	32,980,297	32,713,552
2014						46,089,913	54,048,934	58,832,041	48,382,677	46,948,709	45,623,726	45,250,812
2015							41,099,116	51,838,255	43,925,745	41,175,188	43,664,248	45,415,817
2016								45,882,758	37,786,424	35,952,308	35,187,720	29,396,355
2017									46,007,205	49,691,689	47,264,688	47,025,221
2018 (9 Mo)										13,106,083	24,400,150	37,891,214
Totals:												
2009 & Prior	689,202,391	720,258,115	743,270,767	786,876,268	781,462,826	746,303,711	737,048,047	732,121,282	722,526,743	722,003,488	722,227,267	721,921,241
2010 & Prior		762,764,793	790,234,672	834,120,872	824,014,306	779,854,241	764,675,204	758,064,387	748,990,080	748,268,327	748,191,412	747,816,415
2011 & Prior			838,369,821	885,376,439	872,678,502	828,879,835	816,134,960	805,600,984	795,573,985	794,130,446	793,898,090	793,211,751
2012 & Prior				938,540,911	923,982,718	874,543,385	856,178,937	836,560,077	824,328,310	822,506,190	822,327,626	821,485,915
2013 & Prior					974,338,940	916,434,280	897,805,250	874,813,580	861,037,702	856,697,322	855,307,924	854,199,467
2014 & Prior						962,524,193	951,854,184	933,645,621	909,420,380	903,646,031	900,931,650	899,450,279
2015 & Prior							992,953,300	985,483,876	953,346,124	944,821,220	944,595,897	944,866,096
2016 & Prior								1,031,366,635	991,132,549	980,773,528	979,783,618	974,262,451
2017 & Prior									1,037,139,753	1,030,465,217	1,027,048,306	1,021,287,671
2018 & Prior										1,043,571,300	1,051,448,456	1,059,178,885

Notes: (a) Based on actual paid loss and ALAE and total outstanding loss & ALAE after inflation and discount as shown in Columns (4) and (7) of Exhibit I, Sheet 1c of reserve reports evaluated as of 12/31/11 and prior.
 (b) Based on actual paid loss and ALAE and total outstanding loss & ALAE after inflation and discount as shown in Columns (4) and (7) of Exhibit I, Sheet 1a of reserve reports evaluated as of 12/31/2012 and subsequent.

Adjusted to Birth Year Level

Birth Year	BY Level Paid (a) Loss & ALAE @ 9/30/18	Indicated Ultimate Loss & ALAE Based on Increased Utilization Rate of						Selected Total Limits Ultimate Loss & ALAE	Difference Between Selected Ultimate and Incremental Payment Method		
		Estimated Unpaid Loss & ALAE @ 9/30/18 Based on Increased Utilization Rate of (b)			1.00%	2.00%	3.00%		1.00%	2.00%	3.00%
		1.00%	2.00%	3.00%	(2) + (3)	(2) + (4)	(2) + (5)		(9) - (6)	(9) - (7)	(9) - (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1989	11,795,772	8,502,279	10,450,905	13,059,089	20,298,051	22,246,677	24,854,860	21,980,154	1,682,103	(266,523)	(2,874,707)
1990	4,516,475	4,096,361	4,782,481	5,650,611	8,612,835	9,298,955	10,167,085	10,108,292	1,495,456	809,337	(58,793)
1991	6,403,827	15,386,738	19,582,275	25,507,284	21,790,564	25,986,102	31,911,111	21,426,727	(363,837)	(4,559,374)	(10,484,384)
1992	10,636,499	26,508,764	33,474,094	43,277,049	37,145,263	44,110,593	53,913,548	41,277,699	4,132,436	(2,832,894)	(12,635,850)
1993	15,885,415	22,194,078	27,286,417	34,276,295	38,079,492	43,171,832	50,161,710	37,594,975	(484,517)	(5,576,857)	(12,566,735)
1994	5,937,440	11,059,712	14,058,463	18,354,774	16,997,152	19,995,903	24,292,214	17,604,035	606,883	(2,391,868)	(6,688,179)
1995	7,705,698	20,233,726	25,316,036	32,505,130	27,939,423	33,021,734	40,210,828	26,520,705	(1,418,718)	(6,501,028)	(13,690,122)
1996	7,391,933	14,702,009	17,093,446	20,222,764	22,093,943	24,485,379	27,614,698	25,243,061	3,149,119	757,682	(2,371,636)
1997	8,957,226	24,989,790	31,093,847	39,754,309	33,947,016	40,051,073	48,711,535	32,953,786	(993,230)	(7,097,287)	(15,757,749)
1998	15,542,118	39,584,921	48,126,196	59,990,400	55,127,039	63,668,314	75,532,518	56,204,668	1,077,629	(7,463,645)	(19,327,850)
1999	9,610,940	10,841,851	12,628,395	15,004,544	20,452,791	22,239,335	24,615,484	22,879,992	2,427,201	640,657	(1,735,492)
2000	4,798,167	10,034,320	11,318,574	12,971,736	14,832,487	16,116,742	17,769,903	18,069,120	3,236,633	1,952,378	299,217
2001	6,534,250	17,666,485	21,156,166	25,980,295	24,200,735	27,690,416	32,514,545	24,701,504	500,769	(2,988,912)	(7,813,041)
2002	12,695,273	42,014,468	49,208,509	58,949,123	54,709,741	61,903,783	71,644,396	59,432,648	4,722,906	(2,471,135)	(12,211,748)
2003	3,880,533	10,610,895	11,877,958	13,513,683	14,491,428	15,758,491	17,394,216	15,707,145	1,215,717	(51,346)	(1,687,071)
2004	4,365,364	18,644,128	22,345,449	27,519,392	23,009,492	26,710,813	31,884,756	24,819,968	1,810,476	(1,890,846)	(7,064,788)
2005	6,361,318	20,745,534	23,837,266	27,975,710	27,106,852	30,198,584	34,337,028	31,373,147	4,266,295	1,174,563	(2,963,882)
2006	7,427,519	36,298,607	42,593,775	51,244,657	43,726,127	50,021,294	58,672,176	46,924,779	3,198,652	(3,096,516)	(11,747,397)
2007	8,001,482	26,128,103	28,757,002	32,125,591	34,129,585	36,758,484	40,127,073	39,397,089	5,267,503	2,638,605	(729,985)
2008	4,830,451	41,727,996	49,840,697	61,269,668	46,558,447	54,671,148	66,100,120	55,722,350	9,163,903	1,051,202	(10,377,770)
2009	6,656,115	45,521,558	53,257,392	63,942,068	52,177,673	59,913,508	70,598,183	63,758,674	11,581,001	3,845,166	(6,839,509)
2010	2,746,747	27,769,150	34,917,549	45,610,262	30,515,897	37,664,296	48,357,009	31,768,790	1,252,893	(5,895,506)	(16,588,219)
2011	4,106,493	38,002,585	44,109,034	52,509,985	42,109,078	48,215,527	56,616,478	56,525,249	14,416,171	8,309,722	(91,228)
2012	2,579,338	29,616,498	34,893,138	42,288,857	32,195,835	37,472,476	44,868,194	35,616,566	3,420,731	(1,855,910)	(9,251,628)
2013	3,532,114	30,804,609	33,954,424	38,060,737	34,336,723	37,486,538	41,592,851	45,048,098	10,711,375	7,561,560	3,455,247
2014	3,915,626	45,773,914	49,944,984	55,330,130	49,689,540	53,860,610	59,245,756	63,509,407	13,819,867	9,648,796	4,263,651
2015	2,086,510	55,940,778	62,574,024	71,414,142	58,027,288	64,660,534	73,500,651	65,025,496	6,998,208	364,962	(8,475,156)
2016	542,115	33,467,156	36,970,494	41,504,465	34,009,271	37,512,609	42,046,580	43,530,628	9,521,357	6,018,019	1,484,048
2017	427,219	49,700,444	55,254,492	62,415,016	50,127,663	55,681,711	62,842,235	70,306,584	20,178,922	14,624,873	7,464,349
2018 (9 Mo)	5,372	42,762,267	48,954,988	57,294,591	42,767,639	48,960,359	57,299,962	57,286,533	14,518,894	8,326,174	(13,429)
Totals:	189,875,348	821,329,724	959,658,472	1,149,522,356	1,011,205,072	1,149,533,820	1,339,397,705	1,162,317,868	151,112,796	12,784,048	(177,079,837)
Excl. 2018	189,869,977	778,567,456	910,703,484	1,092,227,766	968,437,433	1,100,573,461	1,282,097,743	1,105,031,335	136,593,902	4,457,874	(177,066,407)

Notes: (a) See Exhibit VIII, Sheet 1, Column (2).

(b) See totals by birth year on Appendix E, Exhibit III, Sheet 1e based on increased utilization rate of 2.00%.

Payment Pattern - 2018 Level - Before Inflation and Investment Income (a)
Actual and Estimated Incremental Payments - 2018 Cost Level

Year of Birth	Maturity (months) 9:21	Maturity (months) 21:33	Maturity (months) 33:45	Maturity (months) 45:57	Maturity (months) 57:69	Maturity (months) 69:81	Maturity (months) 81:93	Maturity (months) 93:105	Maturity (months) 105:117	Maturity (months) 117:129	Maturity (months) 129:141	Maturity (months) 141:153	Maturity (months) 153:165	Maturity (months) 165:177	Maturity (months) 177:189	Maturity (months) 189:201	Maturity (months) 201:213	Maturity (months) 213:225
1989	0	1,410,610	1,035,821	1,333,317	1,236,432	634,442	598,910	814,165	479,529	427,667	463,452	1,737,341	426,114	525,263	427,592	514,198	451,513	527,206
1990	248,437	719,397	514,977	347,081	128,355	334,742	133,983	143,924	109,906	117,926	77,710	152,085	320,715	330,100	387,318	325,715	259,850	129,858
1991	317,757	95,006	122,163	550,689	390,782	141,522	116,134	48,145	105,586	124,234	150,223	172,138	164,410	143,179	184,477	261,020	584,921	458,019
1992	28,198	663,330	1,281,055	969,892	509,887	430,239	333,437	334,674	285,800	300,813	379,505	506,543	447,906	315,120	437,278	426,600	564,936	589,161
1993	156,233	574,213	1,201,039	833,488	1,000,907	1,348,440	1,057,353	1,007,151	1,013,113	1,052,569	818,691	1,105,010	1,048,015	900,207	728,905	788,016	734,253	781,470
1994	497,131	1,146,297	422,154	480,027	1,047,724	398,241	423,709	347,556	144,289	80,062	867,733	78,955	96,137	149,420	172,674	148,075	183,220	146,453
1995	165,706	421,992	805,246	282,621	99,824	243,437	81,475	216,958	215,656	411,976	845,416	357,446	556,849	82,349	464,998	1,354,061	338,431	558,686
1996	304,142	736,243	308,429	668,533	783,554	733,765	427,944	396,882	371,329	427,978	377,731	399,114	390,688	426,890	498,258	384,385	339,305	458,536
1997	206,392	824,496	416,101	363,825	897,504	612,990	536,553	300,079	465,925	502,493	533,340	570,723	828,152	632,009	576,049	1,041,142	612,758	554,949
1998	567,524	891,235	1,276,082	721,044	587,540	1,437,165	921,931	737,116	872,901	795,193	995,995	959,731	1,181,198	1,059,572	1,238,025	1,426,701	1,254,443	1,283,122
1999	988,749	500,397	482,270	955,680	591,922	635,759	389,601	1,314,036	806,024	731,207	729,471	856,542	648,160	650,991	625,427	591,624	468,649	518,661
2000	#####	124,310	930,506	476,728	272,417	243,251	190,830	200,947	186,461	297,278	247,415	253,369	340,283	286,588	283,011	273,811	323,491	345,456
2001	307,992	557,270	911,192	501,625	455,780	1,225,736	390,167	320,989	308,017	352,529	303,557	456,194	470,145	527,116	496,281	440,758	516,062	485,632
2002	316,947	815,775	1,072,188	973,044	944,680	1,374,073	1,184,149	1,051,652	940,965	957,144	1,179,143	1,333,883	1,114,369	1,095,630	970,682	1,077,934	1,254,005	1,257,817
2003	283,607	358,643	167,074	288,268	649,952	322,903	144,675	250,426	308,001	274,958	330,235	511,414	392,269	364,602	314,840	425,101	405,059	403,241
2004	312,709	654,625	518,111	498,653	499,985	326,501	531,524	243,348	290,152	369,353	311,770	289,335	306,851	356,818	423,531	467,886	450,658	453,609
2005	8,344	444,611	914,735	868,376	1,128,366	845,023	774,426	487,072	502,205	436,797	483,591	487,363	536,415	523,720	555,470	610,707	585,343	586,229
2006	137,275	492,064	621,370	835,480	1,911,288	1,010,500	759,708	658,917	609,408	642,649	786,027	679,818	858,063	771,417	820,691	905,130	870,320	874,494
2007	143,715	761,826	1,227,981	955,774	1,017,792	1,037,827	947,658	978,868	902,733	902,878	853,576	858,269	862,135	767,454	808,279	882,293	839,454	834,427
2008	150,534	587,009	565,549	666,077	389,987	525,570	635,014	666,305	770,671	713,482	749,924	754,869	767,359	691,423	737,274	815,037	785,570	791,273
2009	521,206	746,201	1,006,158	848,046	558,824	567,687	883,436	1,315,261	610,269	840,306	887,061	891,406	904,603	813,665	866,080	955,688	919,423	924,338
2010	749,810	457,390	604,901	256,083	209,434	167,258	255,962	186,674	310,456	350,198	371,590	375,362	382,943	346,308	370,650	411,306	397,981	402,468
2011	129,558	543,337	793,586	685,335	887,009	633,158	600,897	695,557	614,855	689,804	727,916	731,207	741,750	666,925	709,606	782,708	752,696	756,399
2012	58,020	556,485	944,231	415,633	321,372	365,161	493,511	482,960	427,603	480,500	507,876	511,017	519,258	467,676	498,476	550,810	530,658	534,265
2013	415,556	933,560	972,140	721,418	582,928	656,954	687,070	667,077	585,894	653,036	684,571	683,066	688,206	614,502	649,213	710,926	678,620	676,812
2014	466,323	1,106,412	933,383	1,490,934	1,172,329	1,004,604	1,049,085	1,017,012	891,868	992,524	1,038,807	1,034,861	1,040,951	927,928	978,684	1,069,861	1,019,436	1,014,878
2015	127,721	901,537	1,092,152	1,002,392	1,157,646	996,380	1,045,124	1,017,741	896,586	1,002,397	1,054,070	1,055,069	1,066,414	955,311	1,012,633	1,112,666	1,065,802	1,066,747
2016	379,727	162,050	576,190	627,804	723,789	621,876	651,149	632,955	556,595	621,139	651,942	651,328	657,069	587,463	621,472	681,473	651,409	650,597
2017	428,629	536,108	805,428	879,206	1,014,655	872,678	914,703	890,077	783,531	875,334	919,747	919,899	929,053	831,588	880,758	966,948	925,422	925,425
2018	114,538	374,860	568,267	624,448	723,270	624,348	656,845	641,568	566,925	635,800	670,680	673,459	682,909	613,781	652,802	719,761	691,875	694,985

Notes: (a) For the actual incremental payments at 2018 level, see Appendix E, Exhibit IV, Sheets 3a and 3b. For the estimates of average incremental payments at 2018 level, see Appendix E, Exhibit III, Sheets 1a to 1g, then adjusted to 2018 level (factors from Appendix E, Exhibit II, Sheet 3, Column (5)).

Average Incremental Payments Per Open Accepted Claim - 2018 Cost Level (a)
Actual and Estimated Incremental Payments - 2018 Cost Level

Year of Birth	Maturity (months) 9:21	Maturity (months) 21:33	Maturity (months) 33:45	Maturity (months) 45:57	Maturity (months) 57:69	Maturity (months) 69:81	Maturity (months) 81:93	Maturity (months) 93:105	Maturity (months) 105:117	Maturity (months) 117:129	Maturity (months) 129:141	Maturity (months) 141:153	Maturity (months) 153:165	Maturity (months) 165:177	Maturity (months) 177:189	Maturity (months) 189:201	Maturity (months) 201:213	Maturity (months) 213:225
1989		352,652	129,478	166,665	137,381	79,305	74,864	101,771	59,941	53,458	66,207	289,557	71,019	105,053	85,518	102,840	90,303	105,441
1990	124,218	143,879	73,568	49,583	18,336	47,820	19,140	20,561	15,701	16,847	11,101	21,726	45,816	47,157	55,331	54,286	64,962	32,464
1991	317,757	95,006	40,721	137,672	97,695	35,381	29,034	12,036	26,397	31,058	37,556	43,034	41,102	35,795	46,119	65,255	146,230	114,505
1992	14,099	94,761	106,755	74,607	39,222	35,853	27,786	27,890	25,982	27,347	34,500	46,049	40,719	28,647	43,728	42,660	56,494	65,462
1993	78,117	63,801	109,185	75,772	90,992	122,585	96,123	91,559	92,101	95,688	74,426	100,455	95,274	90,021	80,989	98,502	91,782	97,684
1994	248,565	382,099	70,359	80,005	149,675	56,892	84,742	69,511	36,072	20,015	216,933	19,739	24,034	37,355	43,168	37,019	45,805	36,613
1995		84,398	134,208	47,103	16,637	40,573	16,295	43,392	43,131	82,395	169,083	71,489	111,370	16,470	93,000	270,812	67,686	111,737
1996	152,071	184,061	61,686	133,707	130,592	122,294	71,324	66,147	61,888	71,330	62,955	66,519	65,115	71,148	83,043	64,064	56,551	76,423
1997	103,196	103,062	52,013	51,975	112,188	68,110	59,617	33,342	51,769	55,833	59,260	63,414	92,017	70,223	64,005	115,682	76,595	69,369
1998	94,587	127,319	127,608	60,087	53,413	119,764	76,828	61,426	72,742	66,266	83,000	79,978	98,433	88,298	103,169	118,892	104,537	106,927
1999	329,583	166,799	96,454	136,526	73,990	79,470	55,657	187,719	115,146	104,458	104,210	122,363	108,027	108,499	125,085	147,906	117,162	129,665
2000	353,468	24,862	186,101	95,346	54,483	48,650	38,166	40,189	37,292	59,456	49,483	50,674	68,057	57,318	56,602	54,762	64,698	69,091
2001		278,635	455,596	167,208	113,945	306,434	97,542	80,247	77,004	88,132	75,889	114,049	117,536	131,779	124,070	110,190	129,015	121,408
2002	79,237	135,963	97,472	81,087	67,477	91,605	78,943	70,110	62,731	63,810	78,610	95,277	79,598	78,259	74,668	82,918	96,462	98,059
2003			83,537	96,089	216,651	107,634	48,225	83,475	102,667	91,653	110,078	170,471	130,756	121,534	104,947	141,700	137,811	140,093
2004	312,709	218,208	172,704	124,663	99,997	65,300	106,305	48,670	58,030	73,871	62,354	57,867	61,370	71,364	84,706	94,467	91,874	93,395
2005	8,344	88,922	114,342	86,838	112,837	84,502	86,047	54,119	62,776	62,400	69,084	69,623	76,631	74,817	80,467	89,740	87,276	88,722
2006	68,637	246,032	88,767	92,831	191,129	101,050	75,971	65,892	60,941	64,265	87,336	75,535	95,340	86,633	93,175	103,912	101,059	102,733
2007		190,457	175,426	119,472	127,224	129,728	118,457	122,358	112,842	128,983	121,939	122,610	125,675	114,196	122,821	136,973	133,213	135,419
2008	75,267	97,835	70,694	74,009	43,332	52,557	63,501	66,631	77,067	79,276	83,325	84,561	86,675	78,758	84,706	94,467	91,874	93,395
2009	130,302	124,367	111,795	94,227	55,882	56,769	88,344	131,526	61,027	84,031	89,571	90,900	93,172	84,662	91,056	101,548	98,761	100,396
2010	374,905	152,463	100,817	42,680	34,906	33,452	51,192	37,335	62,091	70,355	74,994	76,107	78,009	70,884	76,237	85,022	82,688	84,057
2011	64,779	77,620	79,359	62,303	88,701	63,316	60,090	69,556	62,091	70,355	74,994	76,107	78,009	70,884	76,237	85,022	82,688	84,057
2012	29,010	139,121	134,890	59,376	45,910	52,166	70,502	69,556	62,091	70,355	74,994	76,107	78,009	70,884	76,237	85,022	82,688	84,057
2013	138,519	155,593	138,877	90,177	72,866	73,725	78,333	77,282	68,989	78,171	83,325	84,561	86,675	78,758	84,706	94,467	91,874	93,395
2014	77,721	110,641	77,782	124,245	89,650	73,725	78,333	77,282	68,989	78,171	83,325	84,561	86,675	78,758	84,706	94,467	91,874	93,395
2015	63,860	150,256	91,013	86,236	89,650	73,725	78,333	77,282	68,989	78,171	83,325	84,561	86,675	78,758	84,706	94,467	91,874	93,395
2016		54,017	102,169	86,236	89,650	73,725	78,333	77,282	68,989	78,171	83,325	84,561	86,675	78,758	84,706	94,467	91,874	93,395
2017	142,876	121,752	102,169	86,236	89,650	73,725	78,333	77,282	68,989	78,171	83,325	84,561	86,675	78,758	84,706	94,467	91,874	93,395
2018	130,651	121,752	102,169	86,236	89,650	73,725	78,333	77,282	68,989	78,171	83,325	84,561	86,675	78,758	84,706	94,467	91,874	93,395

Notes: (a) For the actual average incremental payments per open accepted claim at 2018 level, see Appendix E, Exhibit IV, Sheets 1a and 1b. For the estimates of average incremental payments per open accepted claim at 2018 level, see Appendix E, Exhibit III, Sheets 2a to 2g, then adjusted to 2018 level (factors from Appendix E, Exhibit II, Sheet 3, Column (5)).

Summary of 2018 Level Incremental Payments by Maturity

Maturity (Months)	2018 Level (a) Average Incremental Payments per Open Accepted Claim Based on Annual Increase Utilization Rate of			Maturity (Months)	2018 Level (a) Average Incremental Payments per Open Accepted Claim Based on Annual Increase Utilization Rate of		
	1.00%	2.00%	3.00%		1.00%	2.00%	3.00%
	(1)	(2)	(3)		(4)	(5)	(6)
9:21	131,811	131,811	131,811	741:753	145,812	201,834	278,495
21:33	122,833	122,833	122,833	753:765	147,271	205,871	286,850
33:45	103,076	103,076	103,076	765:777	148,743	209,988	295,456
45:57	87,002	87,002	87,002	777:789	150,231	214,188	304,319
57:69	90,446	90,446	90,446	789:801	151,733	218,472	313,449
69:81	74,379	74,379	74,379	801:813	153,250	222,841	322,852
81:93	79,029	79,029	79,029	813:825	154,783	227,298	332,538
93:105	77,969	77,969	77,969	825:837	156,331	231,844	342,514
105:117	69,601	69,601	69,601	837:849	157,894	236,481	352,789
117:129	78,865	78,865	78,865	849:861	159,473	241,211	363,373
129:141	84,065	84,065	84,065	861:873	161,068	246,035	374,274
141:153	85,312	85,312	85,312	873:885	162,678	250,956	385,502
153:165	87,444	87,444	87,444	885:897	164,305	255,975	397,068
165:177	79,457	79,457	79,457	897:909	165,948	261,094	408,980
177:189	85,458	85,458	85,458	909:921	167,608	266,316	421,249
189:201	95,306	95,306	95,306	921:933	169,284	271,642	433,886
201:213	92,689	92,689	92,689	933:945	170,977	277,075	446,903
213:225	94,224	94,224	94,224	945:957	172,686	282,617	460,310
225:237	95,876	95,876	95,876	957:969	174,413	288,269	474,119
237:249	97,807	97,807	97,807	969:981	176,157	294,034	488,343
249:261	99,755	99,755	99,755	981:993	177,919	299,915	502,993
261:273	103,715	103,715	103,715	993:1005	179,698	305,913	518,083
273:285	102,539	102,539	102,539	1005:1017	181,495	312,032	533,626
285:297	105,919	105,919	105,919	1017:1029	183,310	318,272	549,634
297:309	105,000	105,000	105,000	1029:1041	185,143	324,638	566,123
309:321	105,000	105,000	105,000	1041:1053	186,995	331,131	583,107
321:333	105,000	105,000	105,000	1053:1065	188,865	337,753	600,600
333:345	105,000	105,000	105,000	1065:1077	190,753	344,508	618,618
345:357	105,000	105,000	105,000	1077:1089	192,661	351,398	637,177
357:369	106,050	107,100	108,150	1089:1101	194,587	358,426	656,292
369:381	107,111	109,242	111,395	1101:1113	196,533	365,595	675,981
381:393	108,182	111,427	114,736	1113:1125	198,498	372,907	696,260
393:405	109,263	113,655	118,178	1125:1137	200,483	380,365	717,148
405:417	110,356	115,928	121,724	1137:1149	202,488	387,972	738,663
417:429	111,460	118,247	125,375	1149:1161	204,513	395,732	760,823
429:441	112,574	120,612	129,137	1161:1173	206,558	403,646	783,647
441:453	113,700	123,024	133,011	1173:1185	208,624	411,719	807,157
453:465	114,837	125,485	137,001	1185:1197	210,710	419,954	831,371
465:477	115,985	127,994	141,111	1197:1209	212,817	428,353	856,312
477:489	117,145	130,554	145,345	1209:1221	214,945	436,920	882,002
489:501	118,317	133,165	149,705	1221:1233	217,095	445,658	908,462
501:513	119,500	135,829	154,196	1233:1245	219,266	454,571	935,716
513:525	120,695	138,545	158,822	1245:1257	221,458	463,663	963,787
525:537	121,902	141,316	163,587	1257:1269	223,673	472,936	992,701
537:549	123,121	144,142	168,494	1269:1281	225,910	482,395	1,022,482
549:561	124,352	147,025	173,549	1281:1293	228,169	492,043	1,053,156
561:573	125,595	149,966	178,755	1293:1305	230,451	501,883	1,084,751
573:585	126,851	152,965	184,118	1305:1317	232,755	511,921	1,117,294
585:597	128,120	156,024	189,642	1317:1329	235,083	522,160	1,150,812
597:609	129,401	159,145	195,331	1329:1341	237,433	532,603	1,185,337
609:621	130,695	162,328	201,191	1341:1353	239,808	543,255	1,220,897
621:633	132,002	165,574	207,227	1353:1365	242,206	554,120	1,257,524
633:645	133,322	168,886	213,443	1365:1377	244,628	565,202	1,295,249
645:657	134,655	172,264	219,847	1377:1389	247,074	576,506	1,334,107
657:669	136,002	175,709	226,442	1389:1401	249,545	588,036	1,374,130
669:681	137,362	179,223	233,235	1401:1413	252,040	599,797	1,415,354
681:693	138,736	182,808	240,232	1413:1425	254,561	611,793	1,457,815
693:705	140,123	186,464	247,439	1425:1437	257,106	624,029	1,501,549
705:717	141,524	190,193	254,863	1437:1449	259,677	636,510	1,546,596
717:729	142,939	193,997	262,508	1449:1461	262,274	649,240	1,592,993
729:741	144,369	197,877	270,384	1461:1473	264,897	662,225	1,640,783

Note: (a) For average incremental payments from 9:21 to 345:357, see Appendix E, Exhibit IV, Sheets 1a and 1b.
 For average incremental payments from 357:369 and subsequent, they are based on utilization trend rates of 1.00%, 2.00% and 3.00% for columns (2), (3) and (4) (or (6), (7) and (8)), respectively.

Selected Relativity Factors to Adjust for Difference in Claim Size by Birth Year

All Open Accepted Claims (AAA Only) with Life Expectancy

A. Off-Balance Adjustment Factor

1.00890

Birth Year	Indicated Birth Year Relativity of Remaining Average Annual Loss & ALAE Payments Based on		Selected Relativity Factors to Adjust for Difference in Claim Size By Birth Year	
	-----		-----	
	Average (a) Incremental Payments to Date	Current (b) Case Outstanding	Before Off-Balance	After Off-Balance (4) / (A)
(1)	(2)	(3)	(4)	(5)
1989	0.692	0.951	0.900	0.892
1990	0.562	0.913	0.800	0.793
1991	1.153	1.205	1.175	1.165
1992	0.830	1.060	0.900	0.892
1993	0.609	0.866	0.950	0.942
1994	0.723	0.764	0.750	0.743
1995	1.174	1.073	1.150	1.140
1996	0.897	1.186	1.050	1.041
1997	0.671	0.793	0.850	0.843
1998	1.095	1.065	1.075	1.066
1999	1.072	1.441	1.350	1.338
2000	0.668	1.071	0.900	0.892
2001	1.342	1.297	1.300	1.289
2002	0.928	1.078	1.050	1.041
2003	1.396	1.488	1.500	1.487
2004	0.729	1.014	1.000	0.991
2005	0.641	0.943	0.950	0.942
2006	1.106	1.019	1.100	1.090
2007	1.675	1.337	1.450	1.437
2008	0.668	1.055	1.000	0.991
2009	1.017	1.118	1.075	1.066
2010	0.643	0.804	0.900	0.892
2011	0.823	0.927	0.900	0.892
2012	0.648	0.726	0.900	0.892
2013	1.309	0.970	1.000	0.991
2014	1.257	0.874	1.000	0.991
2015	1.228	0.822	1.000	0.991
2016	1.555	0.585	1.000	0.991
2017	-	-	1.000	0.991
2018	-	-	1.000	0.991

Notes: (a) See Appendix E, Exhibit VI, Sheet 1, Column (8).
 (b) See Appendix E, Exhibit VI, Sheet 1, Column (11).

Birth Year	Paid Basis		Case Outstanding Basis		Open Accepted Claims (AAA Only) @ 9/30/18			Average Life Expectancy	
	Annual Inflation Factors	2018 Level Adjustment Factors	Annual Inflation Factors	2018 Level Adjustment Factors	Reported (a) Open Accepted Claim Cts.	IBNR (b) Accepted Claim Cts.	Ultimate Open Accepted Claim Cts. (6) + (7)	Average Life Expectancy Indicated (c)	Selected (d) (9) x 1.25
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	1.75%	1.513	0.81%	1.418	4	-	4	20.88	26.10
1990	1.56%	1.487	0.60%	1.407	3	-	3	15.59	19.49
1991	1.47%	1.464	0.49%	1.399	4	-	4	27.89	34.86
1992	1.58%	1.443	0.43%	1.392	9	-	9	27.97	34.96
1993	1.38%	1.420	0.40%	1.386	8	-	8	25.43	31.79
1994	1.08%	1.401	0.36%	1.380	4	-	4	31.18	38.98
1995	1.07%	1.386	0.36%	1.375	5	-	5	30.08	37.60
1996	0.95%	1.372	0.27%	1.371	6	-	6	21.10	26.38
1997	0.92%	1.359	0.25%	1.367	8	-	8	31.47	39.34
1998	0.96%	1.346	0.32%	1.363	11	-	11	29.21	36.51
1999	0.97%	1.333	0.40%	1.359	3	-	3	24.17	30.21
2000	1.03%	1.321	0.33%	1.354	5	-	5	20.65	25.81
2001	1.17%	1.307	0.36%	1.349	4	-	4	29.98	37.48
2002	1.04%	1.292	0.31%	1.344	13	-	13	27.68	34.60
2003	1.31%	1.279	0.29%	1.340	3	-	3	22.03	27.54
2004	1.41%	1.262	4.94%	1.336	5	-	5	32.94	41.18
2005	1.09%	1.245	0.87%	1.273	7	-	7	27.44	34.30
2006	1.24%	1.231	4.86%	1.262	9	-	9	31.50	39.38
2007	3.60%	1.216	4.55%	1.204	7	-	7	22.52	28.15
2008	10.70%	1.174	0.35%	1.152	9	-	9	36.06	45.08
2009	0.83%	1.060	0.30%	1.148	10	-	10	33.65	42.06
2010	0.94%	1.052	0.39%	1.144	5	-	5	45.99	57.49
2011	0.83%	1.042	0.42%	1.140	10	-	10	34.01	42.51
2012	0.62%	1.033	9.83%	1.135	7	-	7	37.31	46.64
2013	0.56%	1.027	0.72%	1.033	8	1	9	27.00	33.75
2014	0.44%	1.021	0.18%	1.026	12	2	14	26.00	32.50
2015	0.59%	1.017	2.01%	1.024	11	3	14	31.00	38.75
2016	0.67%	1.011	0.22%	1.004	3	6	9	29.00	36.25
2017	0.40%	1.004	0.16%	1.002	3	10	13	30.00	37.50
2018		1.000		1.000	2	9	11	30.00	37.50
Totals:					198	31	229		

Notes: (a) Current reported open accepted claims alive as of September 30, 2018. See Exhibit X, Sheet 1d, Column (4).
 (b) Estimated unreported accepted claims alive as of September 30, 2018. See Exhibit X, Sheet 1a, Column (9).
 (c) Current average remaining life expectancy based on NICA physician estimates.
 (d) Final selected remaining life expectancy estimated to include consideration of increased life expectancy over time by 0.2 per year.

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate **2.00%**

Year of Birth	Maturity (months) 9:21	Maturity (months) 21:33	Maturity (months) 33:45	Maturity (months) 45:57	Maturity (months) 57:69	Maturity (months) 69:81	Maturity (months) 81:93	Maturity (months) 93:105	Maturity (months) 105:117	Maturity (months) 117:129	Maturity (months) 129:141	Maturity (months) 141:153	Maturity (months) 153:165	Maturity (months) 165:177	Maturity (months) 177:189	Maturity (months) 189:201	Maturity (months) 201:213	Maturity (months) 213:225
1989																		
1990																		
1991																		
1992																		
1993																		
1994																		
1995																		
1996																		
1997																		
1998																		
1999																		
2000																		
2001																		359,971
2002																	932,845	935,681
2003																317,211	302,255	300,899
2004															316,951	350,144	337,252	339,460
2005														411,295	436,229	479,609	459,690	460,386
2006													679,700	611,066	650,097	716,984	689,410	692,716
2007												712,886	716,098	637,455	671,364	732,841	697,258	693,083
2008										651,246	655,541	666,387	600,443	640,261	707,791	682,202	687,155	
2009									732,291	773,036	776,822	788,323	709,075	754,752	832,841	801,239	805,521	
2010								271,370	306,109	324,807	328,105	334,731	302,709	323,986	359,523	347,876	351,798	
2011								610,354	539,537	605,306	638,749	641,637	650,889	585,229	622,682	686,829	660,494	663,743
2012							434,890	425,592	376,811	423,424	447,548	450,317	457,578	412,124	439,265	485,383	467,624	470,803
2013						635,825	664,973	645,623	567,051	632,033	662,554	661,097	666,072	594,739	628,334	688,062	656,795	655,045
2014					1,142,824	979,321	1,022,682	991,416	869,422	967,544	1,012,663	1,008,816	1,014,752	904,574	954,053	1,042,935	993,779	989,336
2015				978,885	1,130,498	973,014	1,020,616	993,874	875,560	978,890	1,029,351	1,030,327	1,041,406	932,909	988,886	1,086,573	1,040,809	1,041,731
2016			573,968	625,384	720,998	619,478	648,638	630,514	554,449	618,744	649,429	648,816	654,535	585,198	619,076	678,845	648,898	648,088
2017		535,236	804,119	877,777	1,013,005	871,259	913,216	888,630	782,258	873,911	918,252	918,404	927,543	830,236	879,326	965,376	923,917	923,920
2018	114,538	374,860	568,267	624,448	723,270	624,348	656,845	641,568	566,925	635,800	670,680	673,459	682,909	613,781	652,802	719,761	691,875	694,985

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 225:237	Maturity (months) 237:249	Maturity (months) 249:261	Maturity (months) 261:273	Maturity (months) 273:285	Maturity (months) 285:297	Maturity (months) 297:309	Maturity (months) 309:321	Maturity (months) 321:333	Maturity (months) 333:345	Maturity (months) 345:357	Maturity (months) 357:369	Maturity (months) 369:381	Maturity (months) 381:393	Maturity (months) 393:405	Maturity (months) 405:417	Maturity (months) 417:429	Maturity (months) 429:441	
1989																			
1990													269,442	269,623	269,688	269,635	269,459	269,156	268,723
1991											177,512	175,408	173,209	170,912	168,518	166,029	163,445	160,767	
1992										349,724	345,889	348,858	351,765	354,606	357,376	360,069	362,680	365,203	
1993									605,698	598,967	592,181	597,040	601,786	606,409	610,901	615,252	619,454	623,498	
1994								570,713	562,825	554,901	546,937	549,703	552,305	554,732	556,977	559,030	560,883	562,527	
1995							226,188	224,142	222,078	219,995	217,891	220,080	222,243	224,377	226,480	228,548	230,578	232,568	
1996						438,892	430,718	426,319	421,887	417,419	412,912	416,528	420,075	423,545	426,933	430,232	433,436	436,540	
1997					467,174	472,704	458,843	449,114	439,420	429,759	420,126	418,724	417,115	415,293	413,252	410,988	408,499	405,780	
1998				511,446	500,891	512,450	503,051	498,058	493,026	487,952	482,832	487,215	491,522	495,746	499,879	503,915	507,847	511,668	
1999			857,590	881,572	861,552	879,535	861,509	851,054	840,539	829,961	819,313	824,755	829,995	835,017	839,810	844,359	848,653	852,677	
2000	315,950	288,922	289,772	296,167	287,750	292,008	284,291	279,108	273,927	268,749	263,569	263,551	263,419	263,168	262,793	262,292	261,661	260,897	
2001	362,190	315,181	314,215	319,192	308,194	310,775	300,610	293,192	285,826	278,512	271,246	269,304	267,217	264,982	262,598	260,063	257,377	254,539	
2002	939,155	944,808	950,047	973,584	948,465	965,144	942,262	927,718	913,140	898,525	883,863	886,524	888,867	890,875	892,534	893,830	894,751	895,283	
2003	299,701	299,148	298,412	303,325	293,058	295,701	286,215	279,337	272,504	265,713	258,963	257,293	255,486	253,539	251,450	249,218	246,843	244,322	
2004	341,937	345,248	348,451	358,433	350,530	358,093	351,000	346,988	342,950	338,885	334,790	337,274	339,685	342,016	344,262	346,419	348,482	350,443	
2005	461,377	463,418	465,235	475,977	462,919	470,255	458,308	450,435	442,557	434,674	426,780	427,246	427,538	427,647	427,567	427,292	426,817	426,135	
2006	696,532	702,002	707,206	726,098	708,728	722,607	706,887	697,393	687,858	678,279	668,649	672,138	675,430	678,513	681,375	684,007	686,398	688,536	
2007	689,260	686,909	684,122	694,252	669,636	674,531	651,768	634,989	618,346	601,838	585,458	580,578	575,382	569,863	564,021	557,853	551,359	544,541	
2008	692,670	699,892	706,914	727,720	712,229	728,173	714,326	706,743	699,104	691,407	683,647	689,331	694,888	700,306	705,575	710,685	715,625	720,386	
2009	810,409	817,239	823,773	846,278	826,530	843,232	825,402	814,834	804,213	793,535	782,794	787,419	791,831	796,015	799,959	803,650	807,078	810,228	
2010	356,066	361,272	366,438	378,848	372,410	382,449	376,884	374,610	372,310	369,981	367,621	372,533	377,457	382,389	387,326	392,265	397,202	402,134	
2011	667,483	672,811	677,887	696,088	679,528	692,931	677,951	668,942	659,892	650,798	641,655	645,103	648,365	651,430	654,286	656,923	659,333	661,504	
2012	474,359	479,077	483,647	497,636	486,796	497,438	487,723	482,288	476,816	471,306	465,753	469,355	472,860	476,260	479,548	482,717	485,760	488,669	
2013	653,658	653,697	653,356	665,428	644,200	651,346	631,772	617,906	604,098	590,349	576,650	574,252	571,564	568,576	565,283	561,679	557,761	553,525	
2014	985,415	983,616	981,214	997,387	963,643	972,352	941,180	918,582	896,127	873,815	851,634	846,160	840,236	833,852	827,002	819,681	811,886	803,616	
2015	1,043,307	1,047,240	1,050,648	1,074,180	1,043,993	1,059,792	1,032,130	1,013,661	995,195	976,729	958,252	958,544	958,427	957,884	956,900	955,462	953,559	951,179	
2016	647,655	648,654	649,293	662,306	642,182	650,342	631,824	618,979	606,168	593,389	580,635	579,255	577,598	575,653	573,414	570,874	568,028	564,870	
2017	924,483	927,116	929,262	949,169	921,598	934,619	909,306	892,118	874,950	857,800	840,658	839,981	838,926	837,477	835,624	833,356	830,664	827,537	
2018	698,598	703,864	708,855	727,554	709,914	723,572	707,588	697,841	688,054	678,226	668,349	671,583	674,612	677,423	680,006	682,350	684,445	686,281	

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 441:453	Maturity (months) 453:465	Maturity (months) 465:477	Maturity (months) 477:489	Maturity (months) 489:501	Maturity (months) 501:513	Maturity (months) 513:525	Maturity (months) 525:537	Maturity (months) 537:549	Maturity (months) 549:561	Maturity (months) 561:573	Maturity (months) 573:585	Maturity (months) 585:597	Maturity (months) 597:609	Maturity (months) 609:621	Maturity (months) 621:633	Maturity (months) 633:645	Maturity (months) 645:657
1989	268,153	267,440	266,580	265,569	264,400	263,067	261,561	259,873	257,994	255,915	253,627	251,120	248,383	245,405	242,176	238,687	234,931	230,903
1990	157,996	155,129	152,168	149,115	145,972	142,737	139,410	135,989	132,475	128,866	125,165	121,370	117,484	113,506	109,441	105,290	101,061	96,762
1991	367,632	369,957	372,173	374,271	376,245	378,084	379,775	381,307	382,667	383,840	384,812	385,568	386,089	386,357	386,353	386,057	385,451	384,519
1992	627,369	631,053	634,540	637,817	640,871	643,682	646,231	648,497	650,457	652,088	653,363	654,256	654,737	654,774	654,334	653,384	651,893	649,833
1993	563,949	565,135	566,075	566,757	567,169	567,294	567,112	566,605	565,750	564,526	562,912	560,882	558,411	555,470	552,032	548,070	543,561	538,483
1994	234,512	236,406	238,246	240,027	241,746	243,395	244,968	246,457	247,854	249,152	250,340	251,410	252,350	253,149	253,795	254,275	254,579	254,694
1995	439,533	442,406	445,151	447,760	450,224	452,529	454,662	456,608	458,352	459,877	461,167	462,201	462,958	463,418	463,556	463,350	462,778	461,819
1996	402,823	399,621	396,169	392,464	388,501	384,270	379,761	374,963	369,868	364,463	358,741	352,691	346,302	339,563	332,466	325,005	317,178	308,988
1997	515,366	518,931	522,353	525,624	528,731	531,661	534,396	536,922	539,218	541,267	543,047	544,537	545,713	546,548	547,015	547,088	546,741	545,949
1998	856,414	859,841	862,943	865,704	868,104	870,117	871,715	872,866	873,542	873,707	873,328	872,366	870,782	868,530	865,567	861,851	857,341	852,002
1999	259,993	258,945	257,747	256,397	254,889	253,217	251,371	249,345	247,131	244,718	242,100	239,268	236,212	232,921	229,388	225,604	221,565	217,266
2000	251,547	248,395	245,083	241,612	237,981	234,184	230,218	226,079	221,762	217,264	212,581	207,712	202,652	197,398	191,949	186,306	180,473	174,457
2001	364,123	365,311	366,351	367,238	367,963	368,514	368,881	369,049	369,006	368,736	368,227	367,462	366,422	365,091	363,450	361,480	359,166	356,492
2002	895,405	895,094	894,335	893,111	891,404	889,186	886,428	883,098	879,165	874,597	869,358	863,414	856,724	849,248	840,947	831,782	821,724	810,747
2003	241,653	238,831	235,855	232,726	229,442	225,998	222,389	218,612	214,661	210,534	206,226	201,734	197,054	192,182	187,117	181,858	176,409	170,776
2004	352,297	354,035	355,650	357,136	358,483	359,683	360,724	361,592	362,277	362,762	363,036	363,082	362,883	362,421	361,679	360,637	359,279	357,590
2005	425,237	424,112	422,753	421,155	419,307	417,199	414,816	412,145	409,171	405,880	402,258	398,288	393,954	389,238	384,124	378,597	372,646	366,264
2006	690,407	691,992	693,279	694,256	694,905	695,206	695,136	694,670	693,784	692,450	690,640	688,326	685,475	682,051	678,022	673,355	668,020	661,992
2007	537,390	529,900	522,072	513,907	505,403	496,555	487,352	477,788	467,857	457,552	446,869	435,803	424,350	412,505	400,269	387,647	374,649	361,297
2008	724,951	729,304	733,431	737,320	740,954	744,312	747,370	750,105	752,491	754,499	756,101	757,266	757,958	758,140	757,776	756,827	755,257	753,032
2009	813,082	815,621	817,828	819,689	821,185	822,290	822,978	823,220	822,987	822,245	820,964	819,108	816,637	813,510	809,688	805,130	799,799	793,665
2010	407,055	411,959	416,842	421,697	426,520	431,302	436,034	440,706	445,309	449,830	454,258	458,578	462,777	466,837	470,742	474,472	478,011	481,339
2011	663,421	665,068	666,432	667,500	668,258	668,685	668,759	668,456	667,752	666,621	665,038	662,972	660,394	657,269	653,565	649,251	644,297	638,679
2012	491,433	494,042	496,486	498,756	500,841	502,725	504,394	505,830	507,016	507,932	508,560	508,876	508,859	508,482	507,720	506,547	504,941	502,878
2013	548,960	544,056	538,808	533,212	527,262	520,947	514,251	507,164	499,672	491,762	483,423	474,643	465,407	455,704	445,523	434,859	423,711	412,086
2014	794,856	785,594	775,828	765,556	754,773	743,464	731,615	719,210	706,236	692,679	678,528	663,771	648,395	632,388	615,745	598,465	580,557	562,042
2015	948,298	944,895	940,956	936,466	931,407	925,753	919,474	912,541	904,923	896,588	887,506	877,643	866,964	855,431	843,012	829,676	815,402	800,176
2016	561,388	557,571	553,412	548,904	544,041	538,808	533,188	527,169	520,733	513,866	506,553	498,778	490,525	481,775	472,517	462,738	452,432	441,603
2017	823,956	819,904	815,369	810,340	804,802	798,734	792,111	784,908	777,101	768,664	759,572	749,799	739,317	728,094	716,107	703,332	689,757	675,374
2018	687,840	689,106	690,067	690,709	691,016	690,968	690,542	689,712	688,455	686,743	684,549	681,844	678,596	674,771	670,336	665,259	659,510	653,067

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 657:669	Maturity (months) 669:681	Maturity (months) 681:693	Maturity (months) 693:705	Maturity (months) 705:717	Maturity (months) 717:729	Maturity (months) 729:741	Maturity (months) 741:753	Maturity (months) 753:765	Maturity (months) 765:777	Maturity (months) 777:789	Maturity (months) 789:801	Maturity (months) 801:813	Maturity (months) 813:825	Maturity (months) 825:837	Maturity (months) 837:849	Maturity (months) 849:861	Maturity (months) 861:873
1989	226,600	222,019	217,154	212,001	206,560	200,831	194,817	188,523	181,952	175,111	168,010	160,663	153,085	145,303	137,354	129,281	121,120	112,905
1990	92,403	87,995	83,546	79,066	74,568	70,067	65,577	61,113	56,691	52,328	48,040	43,846	39,765	35,818	32,030	28,422	25,013	21,815
1991	383,243	381,606	379,585	377,159	374,307	371,010	367,247	362,998	358,240	352,952	347,112	340,704	333,707	326,115	317,933	309,176	299,849	289,952
1992	647,176	643,892	639,945	635,296	629,913	623,765	616,817	609,036	600,388	590,835	580,346	568,893	556,449	543,003	528,570	513,180	496,849	479,578
1993	532,820	526,550	519,650	512,094	503,864	494,944	485,318	474,972	463,892	452,065	439,485	426,151	412,067	397,252	381,756	365,636	348,943	331,714
1994	254,609	254,313	253,790	253,026	252,005	250,715	249,140	247,265	245,072	242,545	239,667	236,423	232,795	228,773	224,354	219,540	214,328	208,708
1995	460,453	458,659	456,409	453,678	450,441	446,674	442,352	437,449	431,940	425,796	418,991	411,505	403,312	394,403	384,783	374,466	363,461	351,761
1996	300,441	291,545	282,304	272,722	262,813	252,594	242,085	231,305	220,280	209,035	197,602	186,020	174,329	162,582	150,851	139,209	127,720	116,437
1997	544,689	542,934	540,654	537,816	534,391	530,351	525,664	520,300	514,226	507,410	499,817	491,422	482,192	472,114	461,191	449,437	436,856	423,439
1998	845,800	838,699	830,654	821,620	811,560	800,440	788,222	774,874	760,360	744,646	727,702	709,512	690,056	669,344	647,424	624,361	600,206	574,989
1999	212,708	207,888	202,805	197,454	191,839	185,963	179,831	173,449	166,826	159,971	152,896	145,619	138,157	130,540	122,807	115,001	107,162	99,322
2000	168,270	161,919	155,414	148,765	141,987	135,096	128,111	121,052	113,939	106,796	99,648	92,523	85,452	78,470	71,623	64,955	58,503	52,296
2001	353,447	350,014	346,177	341,916	337,219	332,071	326,460	320,373	313,797	306,720	299,133	291,032	282,411	273,280	263,663	253,590	243,090	232,178
2002	798,833	785,959	772,097	757,219	741,310	724,360	706,359	687,305	667,194	646,029	623,820	600,595	576,383	551,246	525,288	498,632	471,386	443,634
2003	164,967	158,990	152,854	146,566	140,140	133,590	126,934	120,190	113,376	106,514	99,627	92,743	85,889	79,101	72,421	65,893	59,553	53,432
2004	355,554	353,156	350,377	347,196	343,596	339,561	335,075	330,120	324,681	318,738	312,278	305,290	297,760	289,689	281,091	271,987	262,393	252,316
2005	359,447	352,188	344,479	336,313	327,689	318,610	309,079	299,101	288,685	277,841	266,583	254,934	242,920	230,581	217,976	205,173	192,232	179,202
2006	655,248	647,762	639,505	630,445	620,558	609,825	598,224	585,738	572,348	558,037	542,796	526,623	509,520	491,510	472,649	453,009	432,649	411,611
2007	347,615	333,628	319,357	304,827	290,073	275,135	260,056	244,882	229,659	214,440	199,280	184,243	169,393	154,808	140,582	126,805	113,554	100,887
2008	750,122	746,490	742,095	736,892	730,843	723,912	716,058	707,242	697,423	686,559	674,611	661,547	647,333	631,956	615,433	597,794	579,058	559,224
2009	786,696	778,863	770,124	760,441	749,781	738,117	725,420	711,661	696,815	680,855	663,762	645,527	626,142	605,626	584,036	561,443	537,910	513,476
2010	484,439	487,290	489,869	492,148	494,103	495,708	496,933	497,749	498,122	498,015	497,392	496,215	494,443	492,040	488,980	485,240	480,790	475,585
2011	632,375	625,359	617,603	609,074	599,751	589,612	578,638	566,808	554,106	540,513	526,019	510,621	494,318	477,133	459,116	440,335	420,844	400,684
2012	500,338	497,298	493,730	489,605	484,900	479,590	473,652	467,060	459,789	451,814	443,111	433,663	423,451	412,471	400,741	388,286	375,125	361,265
2013	399,996	387,454	374,466	361,045	347,211	332,991	318,414	303,512	288,321	272,882	257,239	241,449	225,570	209,677	193,867	178,241	162,887	147,876
2014	542,948	523,303	503,131	482,458	461,329	439,794	417,906	395,726	373,316	350,745	328,091	305,443	282,894	260,558	238,577	217,093	196,227	176,076
2015	783,995	766,850	748,728	729,616	709,521	688,452	666,426	643,462	619,585	594,825	569,224	542,842	515,743	488,024	459,828	431,312	402,616	373,854
2016	430,254	418,393	406,020	393,140	379,767	365,921	351,623	336,900	321,779	306,293	290,482	274,395	258,085	241,623	225,105	208,631	192,293	176,162
2017	660,185	644,190	627,382	609,758	591,330	572,114	552,133	531,413	509,983	487,879	465,148	441,850	418,051	393,845	369,364	344,750	320,132	295,612
2018	645,906	638,006	629,336	619,867	609,578	598,450	586,466	573,609	559,863	545,218	529,663	513,204	495,844	477,611	458,568	438,787	418,333	397,253

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 873:885	Maturity (months) 885:897	Maturity (months) 897:909	Maturity (months) 909:921	Maturity (months) 921:933	Maturity (months) 933:945	Maturity (months) 945:957	Maturity (months) 957:969	Maturity (months) 969:981	Maturity (months) 981:993	Maturity (months) 993:1005	Maturity (months) 1005:1017	Maturity (months) 1017:1029	Maturity (months) 1029:1041	Maturity (months) 1041:1053	Maturity (months) 1053:1065	Maturity (months) 1065:1077	Maturity (months) 1077:1089
1989	104,665	96,439	88,271	80,208	72,299	64,598	57,167	50,066	43,347	37,057	31,237	25,924	21,145	16,919	13,252	10,137	7,551	5,462
1990	18,836	16,086	13,573	11,300	9,269	7,480	5,929	4,608	3,504	2,600	1,877	1,314	888	577	359	212	118	61
1991	279,479	268,440	256,846	244,723	232,099	219,020	205,551	191,770	177,758	163,600	149,391	135,239	121,266	107,601	94,379	81,736	69,802	58,700
1992	461,367	442,235	422,213	401,347	379,694	357,339	334,401	311,019	287,338	263,506	239,688	216,073	192,868	170,289	148,560	127,902	108,526	90,622
1993	313,986	295,815	277,268	258,428	239,385	220,252	201,165	182,271	163,716	145,640	128,185	111,501	95,736	81,026	67,495	55,244	44,347	34,842
1994	202,670	196,208	189,322	182,015	174,295	166,177	157,692	148,877	139,773	130,425	120,881	111,206	101,472	91,762	82,165	72,778	63,699	55,028
1995	339,362	326,268	312,496	298,071	283,025	267,410	251,302	234,791	217,974	200,949	183,827	166,739	149,829	133,253	117,174	101,755	87,160	73,538
1996	105,410	94,699	84,363	74,463	65,057	56,206	47,968	40,393	33,518	27,362	21,933	17,229	13,231	9,907	7,212	5,087	3,463	2,265
1997	409,174	394,065	378,124	361,377	343,855	325,615	306,739	287,330	267,494	247,343	227,004	206,627	186,382	166,450	147,027	128,310	110,499	93,780
1998	548,739	521,516	493,395	464,474	434,865	404,719	374,226	343,602	313,064	282,830	253,130	224,217	196,353	169,801	144,814	121,626	100,438	81,408
1999	91,513	83,773	76,146	68,676	61,409	54,397	47,694	41,351	35,415	29,921	24,901	20,378	16,369	12,879	9,903	7,421	5,404	3,812
2000	46,360	40,725	35,418	30,465	25,886	21,702	17,929	14,575	11,640	9,113	6,979	5,214	3,789	2,669	1,815	1,186	742	441
2001	220,872	209,202	197,205	184,926	172,420	159,754	147,011	134,287	121,675	109,266	97,159	85,457	74,266	63,689	53,823	44,756	36,556	29,275
2002	415,463	386,989	358,345	329,681	301,159	272,968	245,326	218,459	192,577	167,876	144,542	122,757	102,687	84,468	68,200	53,940	41,695	31,421
2003	47,554	41,951	36,649	31,677	27,058	22,813	18,962	15,518	12,483	9,851	7,610	5,739	4,215	3,003	2,069	1,373	872	528
2004	241,761	230,746	219,295	207,444	195,231	182,711	169,958	157,057	144,093	131,154	118,335	105,743	93,489	81,691	70,464	59,920	50,158	41,266
2005	166,132	153,085	140,128	127,337	114,788	102,570	90,779	79,509	68,846	58,862	49,623	41,188	33,600	26,889	21,065	16,115	12,007	8,687
2006	389,939	367,699	344,974	321,861	298,470	274,936	251,427	228,122	205,199	182,832	161,195	140,477	120,858	102,515	85,603	70,252	56,559	44,579
2007	88,854	77,510	66,906	57,085	48,086	39,936	32,657	26,255	20,717	16,008	12,083	8,884	6,343	4,381	2,915	1,860	1,131	651
2008	538,289	516,275	493,213	469,155	444,166	418,341	391,814	364,744	337,298	309,645	281,974	254,503	227,472	201,131	175,742	151,564	128,845	107,810
2009	488,180	462,092	435,297	407,899	380,018	351,806	323,455	295,174	267,173	239,658	212,843	186,960	162,243	138,918	117,199	97,271	79,287	63,351
2010	469,577	462,721	454,973	446,294	436,642	425,988	414,320	401,634	387,932	373,212	357,485	340,785	323,163	304,692	285,470	265,621	245,292	224,658
2011	379,892	358,533	336,682	314,433	291,887	269,175	246,456	223,904	201,688	179,976	158,939	138,758	119,613	101,674	85,098	70,015	56,526	44,691
2012	346,710	331,481	315,608	299,135	282,113	264,614	246,738	228,599	210,315	192,007	173,805	155,858	138,326	121,375	105,171	89,878	75,647	62,608
2013	133,275	119,161	105,613	92,709	80,521	69,123	58,586	48,968	40,305	32,613	25,892	20,124	15,276	11,293	8,105	5,626	3,763	2,412
2014	156,726	138,276	120,818	104,442	89,225	75,241	62,553	51,201	41,196	32,518	25,125	18,956	13,924	9,926	6,842	4,541	2,887	1,748
2015	345,142	316,620	288,442	260,775	233,790	207,674	182,633	158,863	136,538	115,800	96,771	79,555	64,223	50,808	39,302	29,650	21,753	15,469
2016	160,311	144,823	129,785	115,288	101,420	88,272	75,939	64,503	54,029	44,558	36,118	28,719	22,353	16,987	12,570	9,029	6,272	4,196
2017	271,296	247,307	223,778	200,852	178,670	157,385	137,160	118,148	100,475	84,241	69,523	56,379	44,837	34,894	26,507	19,600	14,063	9,756
2018	375,595	353,430	330,844	307,938	284,824	261,643	238,560	215,757	193,409	171,685	150,757	130,804	112,000	94,507	78,466	63,993	51,166	40,024

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 1089:1101	Maturity (months) 1101:1113	Maturity (months) 1113:1125	Maturity (months) 1125:1137	Maturity (months) 1137:1149	Maturity (months) 1149:1161	Maturity (months) 1161:1173	Maturity (months) 1173:1185	Maturity (months) 1185:1197	Maturity (months) 1197:1209	Maturity (months) 1209:1221	Maturity (months) 1221:1233	Maturity (months) 1233:1245	Maturity (months) 1245:1257	Maturity (months) 1257:1269	Maturity (months) 1269:1281	Maturity (months) 1281:1293	Maturity (months) 1293:1305
1989	3,823	2,579	1,670	1,032	606	335	174	84	37	15	6	2	1	0	0	0	0	0
1990	30	13	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	48,534	39,389	31,320	24,351	18,473	13,642	9,789	6,810	4,584	2,978	1,862	1,137	694	424	259	158	97	59
1992	74,350	59,828	47,127	36,263	27,196	19,831	14,031	9,612	6,360	4,054	2,481	1,482	885	528	315	188	112	67
1993	26,730	19,973	14,495	10,184	6,904	4,498	2,808	1,672	947	507	255	123	60	29	14	7	3	2
1994	46,860	39,281	32,365	26,168	20,727	16,054	12,141	8,951	6,423	4,477	3,025	2,006	1,330	882	585	388	257	170
1995	61,022	49,721	39,708	31,021	23,658	17,575	12,693	8,894	6,035	3,955	2,496	1,540	950	586	362	223	138	85
1996	1,416	841	471	247	120	53	21	8	2	1	0	0	0	0	0	0	0	0
1997	78,324	64,272	51,731	40,763	31,385	23,560	17,214	12,218	8,408	5,597	3,594	2,259	1,419	892	560	352	221	139
1998	64,638	50,170	37,975	27,961	19,970	13,793	9,188	5,886	3,615	2,121	1,184	640	347	188	101	55	30	16
1999	2,594	1,696	1,059	629	353	185	90	41	17	6	2	1	0	0	0	0	0	0
2000	247	129	63	28	11	4	1	0	0	0	0	0	0	0	0	0	0	0
2001	22,938	17,544	13,066	9,448	6,614	4,467	2,903	1,809	1,077	610	327	170	88	46	24	12	6	3
2002	23,018	16,340	11,199	7,382	4,659	2,801	1,596	858	432	203	88	36	15	6	2	1	0	0
2003	302	162	81	37	15	6	2	0	0	0	0	0	0	0	0	0	0	0
2004	33,308	26,324	20,329	15,303	11,202	7,951	5,461	3,619	2,308	1,412	826	470	267	152	87	49	28	16
2005	6,082	4,104	2,658	1,644	965	535	277	134	60	24	9	3	1	0	0	0	0	0
2006	34,322	25,747	18,767	13,250	9,031	5,921	3,721	2,233	1,275	689	351	172	84	41	20	10	5	2
2007	352	177	82	34	13	4	1	0	0	0	0	0	0	0	0	0	0	0
2008	88,651	71,513	56,486	43,596	32,805	24,010	17,057	11,738	7,805	5,003	3,081	1,852	1,113	669	402	242	145	87
2009	49,513	37,766	28,040	20,208	14,093	9,478	6,130	3,799	2,248	1,266	674	347	179	92	47	24	13	6
2010	203,915	183,278	162,979	143,255	124,345	106,478	89,880	74,729	61,150	49,204	38,889	30,410	23,779	18,595	14,540	11,370	8,891	6,952
2011	34,525	25,997	19,029	13,498	9,248	6,098	3,857	2,332	1,342	732	377	187	92	46	23	11	6	3
2012	50,867	40,494	31,522	23,939	17,695	12,698	8,826	5,928	3,837	2,387	1,422	825	479	278	161	94	54	31
2013	1,475	854	465	236	110	47	18	6	2	0	0	0	0	0	0	0	0	0
2014	1,001	538	269	123	51	19	6	2	0	0	0	0	0	0	0	0	0	0
2015	10,624	7,017	4,436	2,669	1,519	812	404	186	79	30	10	3	1	0	0	0	0	0
2016	2,692	1,646	954	519	264	124	53	20	7	2	0	0	0	0	0	0	0	0
2017	6,517	4,172	2,546	1,472	800	406	190	82	32	11	3	1	0	0	0	0	0	0
2018	30,557	22,711	16,384	11,435	7,695	4,972	3,075	1,812	1,014	535	265	126	60	29	14	7	3	1

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Prospective Incremental Payment - Birth Year Level (a)

Assumed Annual Increase Utilization Rate

Year of Birth	Maturity (months) 1305:1317	Maturity (months) 1317:1329	Maturity (months) 1329:1341	Maturity (months) 1341:1353	Maturity (months) 1353:1365	Maturity (months) 1365:1377	Maturity (months) 1377:1389	Maturity (months) 1389:1401	Maturity (months) 1401:1413	Maturity (months) 1413:1425	Maturity (months) 1425:1437	Maturity (months) 1437:1449	Maturity (months) 1449:1461	Maturity (months) 1461:1473	Totals Outstanding
1989	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,450,905
1990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,782,481
1991	36	22	13	8	5	3	2	1	1	0	0	0	0	0	19,582,275
1992	40	24	14	9	5	3	2	1	1	0	0	0	0	0	33,474,094
1993	1	0	0	0	0	0	0	0	0	0	0	0	0	0	27,286,417
1994	113	75	50	33	22	14	10	6	4	3	2	1	1	0	14,058,463
1995	52	32	20	12	8	5	3	2	1	1	0	0	0	0	25,316,036
1996	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,093,446
1997	87	55	35	22	14	9	5	3	2	1	1	1	0	0	31,093,847
1998	9	5	3	1	1	0	0	0	0	0	0	0	0	0	48,126,196
1999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,628,395
2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,318,574
2001	2	1	0	0	0	0	0	0	0	0	0	0	0	0	21,156,166
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49,208,509
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,877,958
2004	9	5	3	2	1	1	0	0	0	0	0	0	0	0	22,345,449
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,837,266
2006	1	1	0	0	0	0	0	0	0	0	0	0	0	0	42,593,775
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28,757,002
2008	52	32	19	11	7	4	2	1	1	1	0	0	0	0	49,840,697
2009	3	2	1	0	0	0	0	0	0	0	0	0	0	0	53,257,392
2010	5,437	4,251	3,324	2,599	2,033	1,590	1,243	972	760	594	465	363	284	0	34,917,549
2011	1	1	0	0	0	0	0	0	0	0	0	0	0	0	44,109,034
2012	18	11	6	4	2	1	1	0	0	0	0	0	0	0	34,893,138
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33,954,424
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49,944,984
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62,574,024
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36,970,494
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55,254,492
2018	1	0	0	0	0	0	0	0	0	0	0	0	0	0	48,954,988

959,658,472

Notes: (a) The product of average incremental payment per open accepted claim (shown in Appendix E, Exhibit III, Sheets 2a to 2g) and prospective open accepted claim counts (shown in Appendix E, Exhibit III, Sheets 3a to 3g).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate **2.00%**

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2018 Leve	131,811	122,833	103,076	87,002	90,446	74,379	79,029	77,969	69,601	78,865	84,065	85,312	87,444	79,457	85,458	95,306	92,689	94,224								
Year of Birth	Maturity (months) 9:21	Maturity (months) 21:33	Maturity (months) 33:45	Maturity (months) 45:57	Maturity (months) 57:69	Maturity (months) 69:81	Maturity (months) 81:93	Maturity (months) 93:105	Maturity (months) 105:117	Maturity (months) 117:129	Maturity (months) 129:141	Maturity (months) 141:153	Maturity (months) 153:165	Maturity (months) 165:177	Maturity (months) 177:189	Maturity (months) 189:201	Maturity (months) 201:213	Maturity (months) 213:225								
1989																										
1990																										
1991																										
1992																										
1993																										
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1995																										
1996																										
1997																										
1998																										
1999																										
2000																										
2001																			89,993							
2002																	71,757	72,945								
2003																105,737	102,834	104,537								
2004															63,390	70,695	68,754	69,893								
2005														58,756	63,194	70,476	68,541	69,676								
2006													75,522	68,625	73,807	82,312	80,053	81,378								
2007												101,841	104,387	94,853	102,016	113,771	110,648	112,480								
2008											72,361	73,434	75,270	68,395	73,560	82,037	79,785	81,106								
2009										73,229	78,057	79,215	81,195	73,779	79,351	88,495	86,066	87,491								
2010									54,274	61,498	65,552	66,525	68,188	61,960	66,639	74,318	72,278	73,475								
2011									61,035	54,485	61,737	65,808	66,784	68,453	62,201	66,899	74,607	72,559	73,761							
2012								62,127	61,294	54,716	61,998	66,086	67,066	68,743	62,464	67,182	74,923	72,866	74,073							
2013									71,354	75,814	74,797	66,770	75,657	80,645	81,841	83,887	76,225	81,982	91,429	88,919	90,391					
2014									87,393	71,869	76,362	75,337	67,252	76,204	81,228	82,433	84,493	76,776	82,574	92,089	89,562	91,045				
2015									84,214	87,547	71,996	76,496	75,470	67,371	76,338	81,371	82,578	84,642	76,911	82,720	92,252	89,719	91,205			
2016									101,775	85,904	89,304	73,441	78,031	76,984	68,723	77,869	83,004	84,235	86,340	78,455	84,380	94,103	91,520	93,035		
2017									121,554	102,003	86,096	89,504	73,605	78,206	77,157	68,876	78,044	83,189	84,423	86,534	78,630	84,569	94,313	91,724	93,243	
2018									130,651	121,752	102,169	86,236	89,650	73,725	78,333	77,282	68,989	78,171	83,325	84,561	86,675	78,758	84,706	94,467	91,874	93,395

Notes: (a) Average incremental payment 2018 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
 (b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2018 Level	95,876	97,807	99,755	103,715	102,539	105,919	105,000	105,000	105,000	105,000	105,000	107,100	109,242	111,427	113,655	115,928	118,247	120,612
Year of Birth	Maturity (months) 225:237	Maturity (months) 237:249	Maturity (months) 249:261	Maturity (months) 261:273	Maturity (months) 273:285	Maturity (months) 285:297	Maturity (months) 297:309	Maturity (months) 309:321	Maturity (months) 321:333	Maturity (months) 333:345	Maturity (months) 345:357	Maturity (months) 357:369	Maturity (months) 369:381	Maturity (months) 381:393	Maturity (months) 393:405	Maturity (months) 405:417	Maturity (months) 417:429	Maturity (months) 429:441
1989												67,360	68,708	70,082	71,483	72,913	74,371	75,859
1990											59,171	60,354	61,561	62,792	64,048	65,329	66,636	67,968
1991										87,431	87,431	89,180	90,963	92,783	94,638	96,531	98,462	100,431
1992									67,300	67,300	67,300	68,646	70,019	71,419	72,847	74,304	75,790	77,306
1993								71,339	71,339	71,339	72,766	74,221	75,706	77,220	78,764	80,339	81,946	
1994							56,547	56,547	56,547	56,547	56,547	57,678	58,831	60,008	61,208	62,432	63,681	64,955
1995						87,778	87,017	87,017	87,017	87,017	87,017	88,757	90,532	92,343	94,190	96,073	97,995	99,955
1996					77,862	80,429	79,731	79,731	79,731	79,731	79,731	81,326	82,953	84,612	86,304	88,030	89,790	91,586
1997				63,931	63,206	65,289	64,723	64,723	64,723	64,723	64,723	66,017	67,338	68,684	70,058	71,459	72,888	74,346
1998			77,963	81,058	80,138	82,780	82,062	82,062	82,062	82,062	82,062	83,703	85,377	87,085	88,826	90,603	92,415	94,263
1999		96,307	98,226	102,125	100,967	104,295	103,390	103,390	103,390	103,390	103,390	105,458	107,567	109,719	111,913	114,151	116,434	118,763
2000	63,190	64,463	65,747	68,357	67,581	69,809	69,204	69,204	69,204	69,204	69,204	70,588	71,999	73,439	74,908	76,406	77,934	79,493
2001	91,570	93,414	95,275	99,058	97,934	101,163	100,285	100,285	100,285	100,285	100,285	102,290	104,336	106,423	108,551	110,722	112,937	115,196
2002	74,224	75,719	77,227	80,293	79,382	81,999	81,288	81,288	81,288	81,288	81,288	82,914	84,572	86,263	87,988	89,748	91,543	93,374
2003	106,370	108,512	110,673	115,067	113,762	117,512	116,492	116,492	116,492	116,492	116,492	118,822	121,199	123,623	126,095	128,617	131,189	133,813
2004	71,118	72,550	73,995	76,933	76,060	78,567	77,886	77,886	77,886	77,886	77,886	79,443	81,032	82,653	84,306	85,992	87,712	89,466
2005	70,897	72,325	73,766	76,694	75,824	78,324	77,644	77,644	77,644	77,644	77,644	79,197	80,781	82,397	84,045	85,726	87,440	89,189
2006	82,804	84,472	86,155	89,575	88,559	91,478	90,685	90,685	90,685	90,685	90,685	92,498	94,348	96,235	98,160	100,123	102,126	104,168
2007	114,452	116,757	119,083	123,810	122,406	126,441	125,344	125,344	125,344	125,344	125,344	127,851	130,408	133,016	135,676	138,390	141,158	143,981
2008	82,527	84,190	85,867	89,275	88,263	91,172	90,381	90,381	90,381	90,381	90,381	92,189	94,033	95,913	97,832	99,788	101,784	103,820
2009	89,024	90,817	92,626	96,303	95,211	98,350	97,496	97,496	97,496	97,496	97,496	99,446	101,435	103,464	105,533	107,644	109,797	111,993
2010	74,763	76,268	77,788	80,876	79,958	82,594	81,878	81,878	81,878	81,878	81,878	83,515	85,185	86,889	88,627	90,399	92,207	94,052
2011	75,054	76,565	78,090	81,190	80,269	82,916	82,196	82,196	82,196	82,196	82,196	83,840	85,517	87,227	88,972	90,751	92,566	94,418
2012	75,371	76,889	78,421	81,534	80,609	83,266	82,544	82,544	82,544	82,544	82,544	84,195	85,879	87,596	89,348	91,135	92,958	94,817
2013	91,976	93,828	95,697	99,496	98,368	101,611	100,729	100,729	100,729	100,729	100,729	102,743	104,798	106,894	109,032	111,213	113,437	115,706
2014	92,640	94,506	96,389	100,215	99,078	102,345	101,457	101,457	101,457	101,457	101,457	103,486	105,555	107,667	109,820	112,016	114,257	116,542
2015	92,804	94,673	96,558	100,392	99,253	102,525	101,635	101,635	101,635	101,635	101,635	103,668	105,741	107,856	110,013	112,214	114,458	116,747
2016	94,666	96,572	98,496	102,406	101,244	104,582	103,675	103,675	103,675	103,675	103,675	105,748	107,863	110,020	112,221	114,465	116,755	119,090
2017	94,878	96,788	98,716	102,635	101,471	104,816	103,907	103,907	103,907	103,907	103,907	105,985	108,105	110,267	112,472	114,722	117,016	119,356
2018	95,032	96,946	98,877	102,802	101,636	104,987	104,076	104,076	104,076	104,076	104,076	106,158	108,281	110,446	112,655	114,908	117,206	119,551

Notes: (a) Average incremental payment 2018 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
 (b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2018 Level	123,024	125,485	127,994	130,554	133,165	135,829	138,545	141,316	144,142	147,025	149,966	152,965	156,024	159,145	162,328	165,574	168,886	172,264
Year of Birth	Maturity (months) 441:453	Maturity (months) 453:465	Maturity (months) 465:477	Maturity (months) 477:489	Maturity (months) 489:501	Maturity (months) 501:513	Maturity (months) 513:525	Maturity (months) 525:537	Maturity (months) 537:549	Maturity (months) 549:561	Maturity (months) 561:573	Maturity (months) 573:585	Maturity (months) 585:597	Maturity (months) 597:609	Maturity (months) 609:621	Maturity (months) 621:633	Maturity (months) 633:645	Maturity (months) 645:657
1989	77,376	78,923	80,502	82,112	83,754	85,429	87,138	88,881	90,658	92,471	94,321	96,207	98,131	100,094	102,096	104,138	106,221	108,345
1990	69,328	70,714	72,129	73,571	75,043	76,543	78,074	79,636	81,229	82,853	84,510	86,200	87,924	89,683	91,477	93,306	95,172	97,076
1991	102,439	104,488	106,578	108,710	110,884	113,101	115,363	117,671	120,024	122,425	124,873	127,371	129,918	132,516	135,167	137,870	140,627	143,440
1992	78,852	80,429	82,038	83,679	85,352	87,059	88,801	90,577	92,388	94,236	96,121	98,043	100,004	102,004	104,044	106,125	108,247	110,412
1993	83,585	85,257	86,962	88,701	90,475	92,285	94,130	96,013	97,933	99,892	101,890	103,928	106,006	108,126	110,289	112,495	114,745	117,039
1994	66,254	67,579	68,930	70,309	71,715	73,150	74,613	76,105	77,627	79,179	80,763	82,378	84,026	85,706	87,420	89,169	90,952	92,771
1995	101,954	103,993	106,073	108,194	110,358	112,565	114,817	117,113	119,455	121,844	124,281	126,767	129,302	131,888	134,526	137,216	139,961	142,760
1996	93,418	95,286	97,192	99,136	101,119	103,141	105,204	107,308	109,454	111,643	113,876	116,154	118,477	120,846	123,263	125,728	128,243	130,808
1997	75,833	77,350	78,897	80,475	82,084	83,726	85,400	87,108	88,851	90,628	92,440	94,289	96,175	98,098	100,060	102,061	104,103	106,185
1998	96,149	98,072	100,033	102,034	104,074	106,156	108,279	110,445	112,653	114,906	117,205	119,549	121,940	124,378	126,866	129,403	131,991	134,631
1999	121,138	123,561	126,032	128,553	131,124	133,746	136,421	139,150	141,933	144,771	147,667	150,620	153,633	156,705	159,839	163,036	166,297	169,623
2000	81,083	82,705	84,359	86,046	87,767	89,522	91,313	93,139	95,002	96,902	98,840	100,817	102,833	104,889	106,987	109,127	111,310	113,536
2001	117,500	119,849	122,246	124,691	127,185	129,729	132,324	134,970	137,669	140,423	143,231	146,096	149,018	151,998	155,038	158,139	161,302	164,528
2002	95,242	97,146	99,089	101,071	103,093	105,154	107,257	109,403	111,591	113,822	116,099	118,421	120,789	123,205	125,669	128,183	130,746	133,361
2003	136,489	139,219	142,004	144,844	147,741	150,695	153,709	156,783	159,919	163,117	166,380	169,707	173,102	176,564	180,095	183,697	187,371	191,118
2004	91,255	93,081	94,942	96,841	98,778	100,753	102,768	104,824	106,920	109,059	111,240	113,465	115,734	118,049	120,410	122,818	125,274	127,780
2005	90,973	92,792	94,648	96,541	98,472	100,441	102,450	104,499	106,589	108,721	110,895	113,113	115,375	117,683	120,037	122,437	124,886	127,384
2006	106,252	108,377	110,544	112,755	115,010	117,310	119,656	122,050	124,491	126,980	129,520	132,110	134,753	137,448	140,197	143,001	145,861	148,778
2007	146,860	149,798	152,794	155,849	158,966	162,146	165,389	168,696	172,070	175,512	179,022	182,602	186,254	189,980	193,779	197,655	201,608	205,640
2008	105,896	108,014	110,174	112,378	114,625	116,918	119,256	121,641	124,074	126,556	129,087	131,669	134,302	136,988	139,728	142,522	145,373	148,280
2009	114,233	116,517	118,848	121,225	123,649	126,122	128,645	131,217	133,842	136,519	139,249	142,034	144,875	147,772	150,728	153,742	156,817	159,953
2010	95,933	97,851	99,808	101,804	103,841	105,917	108,036	110,196	112,400	114,648	116,941	119,280	121,666	124,099	126,581	129,113	131,695	134,329
2011	96,306	98,232	100,197	102,201	104,245	106,330	108,456	110,625	112,838	115,095	117,396	119,744	122,139	124,582	127,074	129,615	132,207	134,852
2012	96,713	98,648	100,621	102,633	104,686	106,779	108,915	111,093	113,315	115,581	117,893	120,251	122,656	125,109	127,611	130,163	132,767	135,422
2013	118,020	120,380	122,788	125,244	127,748	130,303	132,909	135,568	138,279	141,045	143,865	146,743	149,678	152,671	155,725	158,839	162,016	165,256
2014	118,873	121,250	123,675	126,149	128,672	131,245	133,870	136,547	139,278	142,064	144,905	147,803	150,759	153,774	156,850	159,987	163,187	166,450
2015	119,082	121,464	123,893	126,371	128,898	131,476	134,106	136,788	139,524	142,314	145,160	148,064	151,025	154,045	157,126	160,269	163,474	166,744
2016	121,471	123,901	126,379	128,906	131,485	134,114	136,797	139,533	142,323	145,170	148,073	151,034	154,055	157,136	160,279	163,485	166,754	170,089
2017	121,743	124,178	126,662	129,195	131,779	134,415	137,103	139,845	142,642	145,495	148,405	151,373	154,400	157,488	160,638	163,851	167,128	170,470
2018	121,942	124,380	126,868	129,405	131,994	134,633	137,326	140,073	142,874	145,732	148,646	151,619	154,651	157,744	160,899	164,117	167,400	170,748

Notes: (a) Average incremental payment 2018 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.

(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2018 Level	175,709	179,223	182,808	186,464	190,193	193,997	197,877	201,834	205,871	209,988	214,188	218,472	222,841	227,298	231,844	236,481	241,211	246,035
Year of Birth	Maturity (months) 657:669	Maturity (months) 669:681	Maturity (months) 681:693	Maturity (months) 693:705	Maturity (months) 705:717	Maturity (months) 717:729	Maturity (months) 729:741	Maturity (months) 741:753	Maturity (months) 753:765	Maturity (months) 765:777	Maturity (months) 777:789	Maturity (months) 789:801	Maturity (months) 801:813	Maturity (months) 813:825	Maturity (months) 825:837	Maturity (months) 837:849	Maturity (months) 849:861	Maturity (months) 861:873
1989	110,512	112,722	114,977	117,276	119,622	122,014	124,454	126,943	129,482	132,072	134,713	137,408	140,156	142,959	145,818	148,734	151,709	154,743
1990	99,017	100,997	103,017	105,078	107,179	109,323	111,509	113,740	116,014	118,335	120,701	123,115	125,578	128,089	130,651	133,264	135,929	138,648
1991	146,309	149,235	152,220	155,264	158,369	161,537	164,767	168,063	171,424	174,853	178,350	181,917	185,555	189,266	193,051	196,912	200,851	204,868
1992	112,621	114,873	117,170	119,514	121,904	124,342	126,829	129,366	131,953	134,592	137,284	140,030	142,830	145,687	148,600	151,572	154,604	157,696
1993	119,380	121,768	124,203	126,687	129,221	131,805	134,442	137,130	139,873	142,670	145,524	148,434	151,403	154,431	157,520	160,670	163,883	167,161
1994	94,627	96,519	98,450	100,419	102,427	104,476	106,565	108,696	110,870	113,088	115,349	117,656	120,010	122,410	124,858	127,355	129,902	132,500
1995	145,615	148,527	151,498	154,528	157,619	160,771	163,986	167,266	170,611	174,024	177,504	181,054	184,675	188,369	192,136	195,979	199,898	203,896
1996	133,424	136,092	138,814	141,591	144,422	147,311	150,257	153,262	156,327	159,454	162,643	165,896	169,214	172,598	176,050	179,571	183,162	186,826
1997	108,308	110,474	112,684	114,938	117,236	119,581	121,973	124,412	126,900	129,438	132,027	134,668	137,361	140,108	142,910	145,769	148,684	151,658
1998	137,324	140,070	142,872	145,729	148,644	151,617	154,649	157,742	160,897	164,115	167,397	170,745	174,160	177,643	181,196	184,820	188,516	192,287
1999	173,015	176,475	180,005	183,605	187,277	191,023	194,843	198,740	202,715	206,769	210,905	215,123	219,425	223,814	228,290	232,856	237,513	242,263
2000	115,806	118,123	120,485	122,895	125,353	127,860	130,417	133,025	135,686	138,399	141,167	143,991	146,871	149,808	152,804	155,860	158,977	162,157
2001	167,818	171,175	174,598	178,090	181,652	185,285	188,991	192,770	196,626	200,558	204,569	208,661	212,834	217,091	221,433	225,861	230,378	234,986
2002	136,028	138,749	141,524	144,354	147,242	150,186	153,190	156,254	159,379	162,567	165,818	169,134	172,517	175,967	179,487	183,076	186,738	190,473
2003	194,940	198,839	202,816	206,872	211,010	215,230	219,535	223,925	228,404	232,972	237,631	242,384	247,232	252,176	257,220	262,364	267,611	272,964
2004	130,335	132,942	135,601	138,313	141,079	143,901	146,779	149,714	152,709	155,763	158,878	162,056	165,297	168,603	171,975	175,414	178,922	182,501
2005	129,932	132,530	135,181	137,884	140,642	143,455	146,324	149,251	152,236	155,280	158,386	161,554	164,785	168,080	171,442	174,871	178,368	181,936
2006	151,753	154,788	157,884	161,042	164,263	167,548	170,899	174,317	177,803	181,359	184,987	188,686	192,460	196,309	200,235	204,240	208,325	212,491
2007	209,753	213,948	218,227	222,591	227,043	231,584	236,216	240,940	245,759	250,674	255,687	260,801	266,017	271,338	276,764	282,300	287,946	293,705
2008	151,246	154,271	157,356	160,503	163,713	166,988	170,327	173,734	177,208	180,753	184,368	188,055	191,816	195,652	199,566	203,557	207,628	211,781
2009	163,152	166,415	169,744	173,139	176,601	180,133	183,736	187,411	191,159	194,982	198,882	202,860	206,917	211,055	215,276	219,582	223,973	228,453
2010	137,015	139,756	142,551	145,402	148,310	151,276	154,302	157,388	160,535	163,746	167,021	170,361	173,769	177,244	180,789	184,405	188,093	191,855
2011	137,549	140,300	143,106	145,968	148,887	151,865	154,902	158,000	161,160	164,383	167,671	171,024	174,445	177,934	181,493	185,122	188,825	192,601
2012	138,131	140,893	143,711	146,585	149,517	152,507	155,557	158,669	161,842	165,079	168,380	171,748	175,183	178,687	182,260	185,905	189,624	193,416
2013	168,561	171,933	175,371	178,879	182,456	186,105	189,827	193,624	197,496	201,446	205,475	209,585	213,777	218,052	222,413	226,861	231,399	236,027
2014	169,779	173,175	176,638	180,171	183,775	187,450	191,199	195,023	198,924	202,902	206,960	211,099	215,321	219,628	224,020	228,501	233,071	237,732
2015	170,078	173,480	176,950	180,489	184,098	187,780	191,536	195,367	199,274	203,259	207,325	211,471	215,701	220,015	224,415	228,903	233,481	238,151
2016	173,491	176,961	180,500	184,110	187,792	191,548	195,379	199,287	203,273	207,338	211,485	215,714	220,029	224,429	228,918	233,496	238,166	242,929
2017	173,880	177,357	180,904	184,522	188,213	191,977	195,817	199,733	203,728	207,802	211,958	216,197	220,521	224,932	229,430	234,019	238,699	243,473
2018	174,163	177,646	181,199	184,823	188,519	192,290	196,135	200,058	204,059	208,141	212,303	216,549	220,880	225,298	229,804	234,400	239,088	243,870

Notes: (a) Average incremental payment 2018 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
 (b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2018 Leve	250,956	255,975	261,094	266,316	271,642	277,075	282,617	288,269	294,034	299,915	305,913	312,032	318,272	324,638	331,131	337,753	344,508	351,398
Year of Birth	Maturity (months) 873:885	Maturity (months) 885:897	Maturity (months) 897:909	Maturity (months) 909:921	Maturity (months) 921:933	Maturity (months) 933:945	Maturity (months) 945:957	Maturity (months) 957:969	Maturity (months) 969:981	Maturity (months) 981:993	Maturity (months) 993:1005	Maturity (months) 1005:1017	Maturity (months) 1017:1029	Maturity (months) 1029:1041	Maturity (months) 1041:1053	Maturity (months) 1053:1065	Maturity (months) 1065:1077	Maturity (months) 1077:1089
1989	157,838	160,995	164,215	167,499	170,849	174,266	177,751	181,306	184,933	188,631	192,404	196,252	200,177	204,180	208,264	212,429	216,678	221,011
1990	141,421	144,249	147,134	150,077	153,078	156,140	159,263	162,448	165,697	169,011	172,391	175,839	179,356	182,943	186,602	190,334	194,141	198,023
1991	208,965	213,144	217,407	221,755	226,190	230,714	235,329	240,035	244,836	249,733	254,727	259,822	265,018	270,319	275,725	281,239	286,864	292,601
1992	160,850	164,067	167,348	170,695	174,109	177,591	181,143	184,766	188,461	192,231	196,075	199,997	203,997	208,077	212,238	216,483	220,813	225,229
1993	170,504	173,914	177,393	180,941	184,559	188,251	192,016	195,856	199,773	203,768	207,844	212,001	216,241	220,566	224,977	229,476	234,066	238,747
1994	135,150	137,853	140,610	143,423	146,291	149,217	152,201	155,245	158,350	161,517	164,747	168,042	171,403	174,831	178,328	181,894	185,532	189,243
1995	207,974	212,134	216,377	220,704	225,118	229,620	234,213	238,897	243,675	248,549	253,520	258,590	263,762	269,037	274,418	279,906	285,504	291,214
1996	190,562	194,373	198,261	202,226	206,271	210,396	214,604	218,896	223,274	227,739	232,294	236,940	241,679	246,513	251,443	256,472	261,601	266,833
1997	154,691	157,785	160,940	164,159	167,442	170,791	174,207	177,691	181,245	184,870	188,567	192,339	196,185	200,109	204,111	208,194	212,357	216,605
1998	196,132	200,055	204,056	208,137	212,300	216,546	220,877	225,294	229,800	234,396	239,084	243,866	248,743	253,718	258,792	263,968	269,248	274,633
1999	247,108	252,050	257,091	262,233	267,478	272,827	278,284	283,850	289,527	295,317	301,224	307,248	313,393	319,661	326,054	332,575	339,227	346,011
2000	165,400	168,708	172,082	175,524	179,034	182,615	186,267	189,993	193,793	197,669	201,622	205,654	209,767	213,963	218,242	222,607	227,059	231,600
2001	239,686	244,479	249,369	254,356	259,444	264,632	269,925	275,324	280,830	286,447	292,176	298,019	303,979	310,059	316,260	322,585	329,037	335,618
2002	194,282	198,168	202,131	206,174	210,297	214,503	218,793	223,169	227,632	232,185	236,829	241,565	246,397	251,325	256,351	261,478	266,708	272,042
2003	278,423	283,991	289,671	295,465	301,374	307,401	313,550	319,820	326,217	332,741	339,396	346,184	353,108	360,170	367,373	374,721	382,215	389,859
2004	186,151	189,874	193,671	197,545	201,496	205,526	209,636	213,829	218,105	222,468	226,917	231,455	236,084	240,806	245,622	250,535	255,545	260,656
2005	185,574	189,286	193,071	196,933	200,872	204,889	208,987	213,166	217,430	221,778	226,214	230,738	235,353	240,060	244,861	249,758	254,754	259,849
2006	216,741	221,076	225,498	230,007	234,608	239,300	244,086	248,967	253,947	259,026	264,206	269,490	274,880	280,378	285,985	291,705	297,539	303,490
2007	299,579	305,570	311,682	317,915	324,274	330,759	337,374	344,122	351,004	358,024	365,185	372,488	379,938	387,537	395,288	403,193	411,257	419,482
2008	216,016	220,336	224,743	229,238	233,823	238,499	243,269	248,135	253,097	258,159	263,322	268,589	273,961	279,440	285,029	290,729	296,544	302,475
2009	233,022	237,682	242,436	247,285	252,230	257,275	262,420	267,669	273,022	278,483	284,052	289,733	295,528	301,439	307,467	313,617	319,889	326,287
2010	195,692	199,606	203,598	207,670	211,823	216,059	220,381	224,788	229,284	233,870	238,547	243,318	248,184	253,148	258,211	263,375	268,643	274,016
2011	196,453	200,382	204,390	208,478	212,647	216,900	221,238	225,663	230,176	234,780	239,476	244,265	249,150	254,133	259,216	264,400	269,688	275,082
2012	197,284	201,230	205,255	209,360	213,547	217,818	222,174	226,618	231,150	235,773	240,489	245,298	250,204	255,208	260,313	265,519	270,829	276,246
2013	240,747	245,562	250,473	255,483	260,592	265,804	271,120	276,543	282,074	287,715	293,469	299,339	305,326	311,432	317,661	324,014	330,494	337,104
2014	242,487	247,336	252,283	257,329	262,475	267,725	273,079	278,541	284,112	289,794	295,590	301,502	307,532	313,682	319,956	326,355	332,882	339,540
2015	242,914	247,772	252,728	257,782	262,938	268,197	273,560	279,032	284,612	290,305	296,111	302,033	308,074	314,235	320,520	326,930	333,469	340,138
2016	247,788	252,744	257,799	262,955	268,214	273,578	279,050	284,631	290,323	296,130	302,052	308,093	314,255	320,540	326,951	333,490	340,160	346,963
2017	248,343	253,310	258,376	263,543	268,814	274,191	279,674	285,268	290,973	296,793	302,728	308,783	314,959	321,258	327,683	334,237	340,921	347,740
2018	248,747	253,722	258,797	263,972	269,252	274,637	280,130	285,732	291,447	297,276	303,221	309,286	315,472	321,781	328,217	334,781	341,477	348,306

Notes: (a) Average incremental payment 2018 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.

(b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2018 Leve	358,426	365,595	372,907	380,365	387,972	395,732	403,646	411,719	419,954	428,353	436,920	445,658	454,571	463,663	472,936	482,395	492,043	501,883
Year of Birth	Maturity (months) 1089:1101	Maturity (months) 1101:1113	Maturity (months) 1113:1125	Maturity (months) 1125:1137	Maturity (months) 1137:1149	Maturity (months) 1149:1161	Maturity (months) 1161:1173	Maturity (months) 1173:1185	Maturity (months) 1185:1197	Maturity (months) 1197:1209	Maturity (months) 1209:1221	Maturity (months) 1221:1233	Maturity (months) 1233:1245	Maturity (months) 1245:1257	Maturity (months) 1257:1269	Maturity (months) 1269:1281	Maturity (months) 1281:1293	Maturity (months) 1293:1305
1989	225,432	229,940	234,539	239,230	244,015	248,895	253,873	258,950	264,129	269,412	274,800	280,296	285,902	291,620	297,452	303,401	309,469	315,659
1990	201,984	206,023	210,144	214,347	218,634	223,006	227,467	232,016	236,656	241,389	246,217	251,141	256,164	261,288	266,513	271,844	277,280	282,826
1991	298,453	304,423	310,511	316,721	323,056	329,517	336,107	342,829	349,686	356,680	363,813	371,089	378,511	386,081	393,803	401,679	409,713	417,907
1992	229,733	234,328	239,015	243,795	248,671	253,644	258,717	263,891	269,169	274,553	280,044	285,645	291,357	297,185	303,128	309,191	315,375	321,682
1993	243,522	248,393	253,361	258,428	263,596	268,868	274,246	279,730	285,325	291,032	296,852	302,789	308,845	315,022	321,322	327,749	334,304	340,990
1994	193,028	196,888	200,826	204,843	208,940	213,118	217,381	221,728	226,163	230,686	235,300	240,006	244,806	249,702	254,696	259,790	264,986	270,286
1995	297,039	302,979	309,039	315,220	321,524	327,955	334,514	341,204	348,028	354,989	362,088	369,330	376,717	384,251	391,936	399,775	407,770	415,926
1996	272,170	277,613	283,165	288,829	294,605	300,497	306,507	312,637	318,890	325,268	331,773	338,409	345,177	352,081	359,122	366,305	373,631	381,103
1997	220,937	225,355	229,863	234,460	239,149	243,932	248,811	253,787	258,863	264,040	269,321	274,707	280,201	285,805	291,521	297,352	303,299	309,365
1998	280,125	285,728	291,442	297,271	303,217	309,281	315,466	321,776	328,211	334,776	341,471	348,300	355,267	362,372	369,619	377,012	384,552	392,243
1999	352,931	359,990	367,190	374,534	382,024	389,665	397,458	405,407	413,515	421,786	430,221	438,826	447,602	456,554	465,686	474,999	484,499	494,189
2000	236,232	240,957	245,776	250,691	255,705	260,819	266,036	271,357	276,784	282,319	287,966	293,725	299,600	305,592	311,703	317,937	324,296	330,782
2001	342,330	349,177	356,160	363,284	370,549	377,960	385,519	393,230	401,094	409,116	417,299	425,645	434,158	442,841	451,698	460,731	469,946	479,345
2002	277,483	283,032	288,693	294,467	300,356	306,363	312,491	318,740	325,115	331,617	338,250	345,015	351,915	358,953	366,132	373,455	380,924	388,543
2003	397,657	405,610	413,722	421,996	430,436	439,045	447,826	456,782	465,918	475,236	484,741	494,436	504,325	514,411	524,699	535,193	545,897	556,815
2004	265,869	271,187	276,610	282,143	287,785	293,541	299,412	305,400	311,508	317,738	324,093	330,575	337,187	343,930	350,809	357,825	364,982	372,281
2005	265,046	270,347	275,754	281,269	286,894	292,632	298,485	304,454	310,543	316,754	323,089	329,551	336,142	342,865	349,722	356,717	363,851	371,128
2006	309,560	315,751	322,066	328,507	335,077	341,779	348,615	355,587	362,699	369,953	377,352	384,899	392,597	400,449	408,458	416,627	424,959	433,458
2007	427,872	436,429	445,158	454,061	463,142	472,405	481,853	491,490	501,320	511,347	521,574	532,005	542,645	553,498	564,568	575,859	587,377	599,124
2008	308,524	314,695	320,989	327,408	333,957	340,636	347,448	354,397	361,485	368,715	376,089	383,611	391,283	399,109	407,091	415,233	423,538	432,008
2009	332,813	339,469	346,258	353,183	360,247	367,452	374,801	382,297	389,943	397,742	405,697	413,811	422,087	430,528	439,139	447,922	456,880	466,018
2010	279,496	285,086	290,788	296,603	302,535	308,586	314,758	321,053	327,474	334,024	340,704	347,518	354,468	361,558	368,789	376,165	383,688	391,362
2011	280,584	286,195	291,919	297,758	303,713	309,787	315,983	322,303	328,749	335,324	342,030	348,871	355,848	362,965	370,224	377,629	385,181	392,885
2012	281,771	287,406	293,154	299,017	304,998	311,098	317,320	323,666	330,139	336,742	343,477	350,346	357,353	364,500	371,790	379,226	386,811	394,547
2013	343,846	350,723	357,737	364,892	372,190	379,634	387,227	394,971	402,871	410,928	419,146	427,529	436,080	444,802	453,698	462,772	472,027	481,468
2014	346,331	353,257	360,323	367,529	374,880	382,377	390,025	397,825	405,782	413,897	422,175	430,619	439,231	448,016	456,976	466,116	475,438	484,947
2015	346,941	353,880	360,957	368,176	375,540	383,051	390,712	398,526	406,496	414,626	422,919	431,377	440,005	448,805	457,781	466,937	476,275	485,801
2016	353,902	360,980	368,200	375,564	383,075	390,737	398,552	406,523	414,653	422,946	431,405	440,033	448,834	457,810	466,967	476,306	485,832	495,549
2017	354,695	361,789	369,024	376,405	383,933	391,612	399,444	407,433	415,581	423,893	432,371	441,018	449,839	458,835	468,012	477,372	486,920	496,658
2018	355,272	362,378	369,625	377,018	384,558	392,249	400,094	408,096	416,258	424,583	433,075	441,736	450,571	459,582	468,774	478,150	487,713	497,467

Notes: (a) Average incremental payment 2018 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
 (b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Development of Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (a)

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (b)

2018 Leve	511,921	522,160	532,603	543,255	554,120	565,202	576,506	588,036	599,797	611,793	624,029	636,510	649,240	662,225
Year of Birth	Maturity (months) 1305:1317	Maturity (months) 1317:1329	Maturity (months) 1329:1341	Maturity (months) 1341:1353	Maturity (months) 1353:1365	Maturity (months) 1365:1377	Maturity (months) 1377:1389	Maturity (months) 1389:1401	Maturity (months) 1401:1413	Maturity (months) 1413:1425	Maturity (months) 1425:1437	Maturity (months) 1437:1449	Maturity (months) 1449:1461	Maturity (months) 1461:1473
1989	321,972	328,411	334,980	341,679	348,513	355,483	362,593	369,845	377,242	384,786	392,482	400,332	408,338	416,505
1990	288,483	294,252	300,137	306,140	312,263	318,508	324,878	331,376	338,003	344,763	351,659	358,692	365,866	373,183
1991	426,265	434,790	443,486	452,356	461,403	470,631	480,044	489,645	499,437	509,426	519,615	530,007	540,607	551,419
1992	328,116	334,678	341,372	348,199	355,163	362,266	369,512	376,902	384,440	392,129	399,971	407,971	416,130	424,453
1993	347,810	354,766	361,861	369,098	376,480	384,010	391,690	399,524	407,514	415,665	423,978	432,458	441,107	449,929
1994	275,691	281,205	286,829	292,566	298,417	304,386	310,473	316,683	323,016	329,477	336,066	342,788	349,643	356,636
1995	424,244	432,729	441,384	450,211	459,216	468,400	477,768	487,323	497,070	507,011	517,151	527,494	538,044	548,805
1996	388,725	396,500	404,430	412,519	420,769	429,184	437,768	446,523	455,454	464,563	473,854	483,331	492,998	502,858
1997	315,552	321,863	328,300	334,866	341,564	348,395	355,363	362,470	369,719	377,114	384,656	392,349	400,196	408,200
1998	400,088	408,090	416,251	424,576	433,068	441,729	450,564	459,575	468,767	478,142	487,705	497,459	507,408	517,556
1999	504,073	514,154	524,438	534,926	545,625	556,537	567,668	579,021	590,602	602,414	614,462	626,751	639,286	652,072
2000	337,398	344,146	351,029	358,049	365,210	372,514	379,965	387,564	395,315	403,221	411,286	419,512	427,902	436,460
2001	488,932	498,711	508,685	518,858	529,236	539,820	550,617	561,629	572,862	584,319	596,005	607,925	620,084	632,486
2002	396,314	404,240	412,325	420,571	428,983	437,562	446,313	455,240	464,344	473,631	483,104	492,766	502,621	512,674
2003	567,952	579,311	590,897	602,715	614,769	627,064	639,606	652,398	665,446	678,755	692,330	706,176	720,300	734,706
2004	379,727	387,321	395,068	402,969	411,028	419,249	427,634	436,187	444,910	453,809	462,885	472,143	481,585	491,217
2005	378,551	386,122	393,844	401,721	409,755	417,950	426,309	434,836	443,532	452,403	461,451	470,680	480,094	489,696
2006	442,128	450,970	459,990	469,189	478,573	488,145	497,907	507,866	518,023	528,383	538,951	549,730	560,725	571,939
2007	611,107	623,329	635,795	648,511	661,481	674,711	688,205	701,969	716,009	730,329	744,936	759,834	775,031	790,532
2008	440,649	449,462	458,451	467,620	476,972	486,512	496,242	506,167	516,290	526,616	537,148	547,891	558,849	570,026
2009	475,338	484,845	494,542	504,433	514,521	524,812	535,308	546,014	556,934	568,073	579,435	591,023	602,844	614,901
2010	399,189	407,173	415,316	423,623	432,095	440,737	449,552	458,543	467,714	477,068	486,609	496,341	506,268	516,394
2011	400,743	408,758	416,933	425,271	433,777	442,452	451,301	460,327	469,534	478,925	488,503	498,273	508,239	518,403
2012	402,438	410,487	418,696	427,070	435,612	444,324	453,210	462,275	471,520	480,951	490,570	500,381	510,389	520,596
2013	491,097	500,919	510,937	521,156	531,579	542,211	553,055	564,116	575,398	586,906	598,644	610,617	622,830	635,286
2014	494,646	504,539	514,629	524,922	535,420	546,129	557,051	568,192	579,556	591,147	602,970	615,030	627,330	639,877
2015	495,517	505,427	515,536	525,847	536,363	547,091	558,033	569,193	580,577	592,189	604,032	616,113	628,435	641,004
2016	505,460	515,569	525,880	536,398	547,126	558,068	569,230	580,614	592,227	604,071	616,153	628,476	641,045	653,866
2017	506,591	516,723	527,058	537,599	548,351	559,318	570,504	581,914	593,552	605,424	617,532	629,883	642,480	655,330
2018	507,416	517,565	527,916	538,474	549,244	560,228	571,433	582,862	594,519	606,409	618,538	630,908	643,526	656,397

Notes: (a) Average incremental payment 2018 level per open accepted claim are adjusted to severity level and birth year level. See Column (5) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.
 (b) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 9:21	Maturity (months) 21:33	Maturity (months) 33:45	Maturity (months) 45:57	Maturity (months) 57:69	Maturity (months) 69:81	Maturity (months) 81:93	Maturity (months) 93:105	Maturity (months) 105:117	Maturity (months) 117:129	Maturity (months) 129:141	Maturity (months) 141:153	Maturity (months) 153:165	Maturity (months) 165:177	Maturity (months) 177:189	Maturity (months) 189:201	Maturity (months) 201:213	Maturity (months) 213:225
1989																		
1990																		
1991																		
1992																		
1993																		
1994																		
1995																		
1996																		
1997																		
1998																		
1999																		
2000																		
2001																		4.00
2002																	13.00	12.83
2003																3.00	2.94	2.88
2004															5.00	4.95	4.91	4.86
2005													9.00	7.00	6.90	6.81	6.71	6.61
2006													9.00	8.90	8.81	8.71	8.61	8.51
2007												7.00	6.86	6.72	6.58	6.44	6.30	6.16
2008										9.00	8.93	8.85	8.78	8.70	8.63	8.55	8.47	
2009								10.00	9.90	9.81	9.71	9.61	9.51	9.41	9.31	9.21	9.10	9.00
2010								5.00	4.98	4.95	4.93	4.91	4.89	4.86	4.84	4.81	4.79	
2011								10.00	9.90	9.80	9.71	9.61	9.51	9.41	9.31	9.21	9.10	9.00
2012							7.00	6.94	6.89	6.83	6.77	6.71	6.66	6.60	6.54	6.48	6.42	6.36
2013						8.91	8.77	8.63	8.49	8.35	8.22	8.08	7.94	7.80	7.66	7.53	7.39	7.25
2014					13.08	13.63	13.39	13.16	12.93	12.70	12.47	12.24	12.01	11.78	11.55	11.33	11.10	10.87
2015				11.62	12.91	13.51	13.34	13.17	13.00	12.82	12.65	12.48	12.30	12.13	11.95	11.78	11.60	11.42
2016			5.64	7.28	8.07	8.44	8.31	8.19	8.07	7.95	7.82	7.70	7.58	7.46	7.34	7.21	7.09	6.97
2017		4.40	7.88	10.20	11.32	11.84	11.68	11.52	11.36	11.20	11.04	10.88	10.72	10.56	10.40	10.24	10.07	9.91
2018	0.88	3.08	5.56	7.24	8.07	8.47	8.39	8.30	8.22	8.13	8.05	7.96	7.88	7.79	7.71	7.62	7.53	7.44

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 9:21 to 69:81, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (11) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 225:237	Maturity (months) 237:249	Maturity (months) 249:261	Maturity (months) 261:273	Maturity (months) 273:285	Maturity (months) 285:297	Maturity (months) 297:309	Maturity (months) 309:321	Maturity (months) 321:333	Maturity (months) 333:345	Maturity (months) 345:357	Maturity (months) 357:369	Maturity (months) 369:381	Maturity (months) 381:393	Maturity (months) 393:405	Maturity (months) 405:417	Maturity (months) 417:429	Maturity (months) 429:441
1989												4.00	3.92	3.85	3.77	3.70	3.62	3.54
1990											3.00	2.91	2.81	2.72	2.63	2.54	2.45	2.37
1991									4.00	3.96	3.91	3.87	3.82	3.78	3.73	3.68	3.64	
1992									9.00	8.90	8.80	8.70	8.59	8.49	8.39	8.28	8.17	8.07
1993								8.00	7.89	7.78	7.67	7.55	7.44	7.33	7.21	7.10	6.98	6.86
1994							4.00	3.96	3.93	3.89	3.85	3.82	3.78	3.74	3.70	3.66	3.62	3.58
1995						5.00	4.95	4.90	4.85	4.80	4.75	4.69	4.64	4.59	4.53	4.48	4.42	4.37
1996					6.00	5.88	5.75	5.63	5.51	5.39	5.27	5.15	5.03	4.91	4.79	4.67	4.55	4.43
1997				8.00	7.92	7.85	7.77	7.70	7.62	7.54	7.46	7.38	7.30	7.22	7.14	7.05	6.97	6.88
1998			11.00	10.88	10.75	10.62	10.50	10.37	10.24	10.11	9.98	9.85	9.72	9.59	9.45	9.32	9.18	9.05
1999		3.00	2.95	2.90	2.85	2.80	2.75	2.70	2.65	2.60	2.55	2.50	2.45	2.40	2.35	2.30	2.25	2.20
2000	5.00	4.89	4.78	4.67	4.56	4.45	4.34	4.24	4.13	4.02	3.92	3.82	3.71	3.61	3.51	3.40	3.30	3.20
2001	3.96	3.91	3.86	3.82	3.77	3.73	3.68	3.63	3.59	3.54	3.49	3.44	3.40	3.35	3.30	3.25	3.20	3.15
2002	12.65	12.48	12.30	12.13	11.95	11.77	11.59	11.41	11.23	11.05	10.87	10.69	10.51	10.33	10.14	9.96	9.77	9.59
2003	2.82	2.76	2.70	2.64	2.58	2.52	2.46	2.40	2.34	2.28	2.22	2.17	2.11	2.05	1.99	1.94	1.88	1.83
2004	4.81	4.76	4.71	4.66	4.61	4.56	4.51	4.46	4.40	4.35	4.30	4.25	4.19	4.14	4.08	4.03	3.97	3.92
2005	6.51	6.41	6.31	6.21	6.11	6.00	5.90	5.80	5.70	5.60	5.50	5.39	5.29	5.19	5.09	4.98	4.88	4.78
2006	8.41	8.31	8.21	8.11	8.00	7.90	7.79	7.69	7.59	7.48	7.37	7.27	7.16	7.05	6.94	6.83	6.72	6.61
2007	6.02	5.88	5.74	5.61	5.47	5.33	5.20	5.07	4.93	4.80	4.67	4.54	4.41	4.28	4.16	4.03	3.91	3.78
2008	8.39	8.31	8.23	8.15	8.07	7.99	7.90	7.82	7.74	7.65	7.56	7.48	7.39	7.30	7.21	7.12	7.03	6.94
2009	9.10	9.00	8.89	8.79	8.68	8.57	8.47	8.36	8.25	8.14	8.03	7.92	7.81	7.69	7.58	7.47	7.35	7.23
2010	4.76	4.74	4.71	4.68	4.66	4.63	4.60	4.58	4.55	4.52	4.49	4.46	4.43	4.40	4.37	4.34	4.31	4.28
2011	8.89	8.79	8.68	8.57	8.47	8.36	8.25	8.14	8.03	7.92	7.81	7.69	7.58	7.47	7.35	7.24	7.12	7.01
2012	6.29	6.23	6.17	6.10	6.04	5.97	5.91	5.84	5.78	5.71	5.64	5.57	5.51	5.44	5.37	5.30	5.23	5.15
2013	7.11	6.97	6.83	6.69	6.55	6.41	6.27	6.13	6.00	5.86	5.72	5.59	5.45	5.32	5.18	5.05	4.92	4.78
2014	10.64	10.41	10.18	9.95	9.73	9.50	9.28	9.05	8.83	8.61	8.39	8.18	7.96	7.74	7.53	7.32	7.11	6.90
2015	11.24	11.06	10.88	10.70	10.52	10.34	10.16	9.97	9.79	9.61	9.43	9.25	9.06	8.88	8.70	8.51	8.33	8.15
2016	6.84	6.72	6.59	6.47	6.34	6.22	6.09	5.97	5.85	5.72	5.60	5.48	5.35	5.23	5.11	4.99	4.87	4.74
2017	9.74	9.58	9.41	9.25	9.08	8.92	8.75	8.59	8.42	8.26	8.09	7.93	7.76	7.60	7.43	7.26	7.10	6.93
2018	7.35	7.26	7.17	7.08	6.98	6.89	6.80	6.71	6.61	6.52	6.42	6.33	6.23	6.13	6.04	5.94	5.84	5.74

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 9:21 to 69:81, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (11) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 441:453	Maturity (months) 453:465	Maturity (months) 465:477	Maturity (months) 477:489	Maturity (months) 489:501	Maturity (months) 501:513	Maturity (months) 513:525	Maturity (months) 525:537	Maturity (months) 537:549	Maturity (months) 549:561	Maturity (months) 561:573	Maturity (months) 573:585	Maturity (months) 585:597	Maturity (months) 597:609	Maturity (months) 609:621	Maturity (months) 621:633	Maturity (months) 633:645	Maturity (months) 645:657
1989	3.47	3.39	3.31	3.23	3.16	3.08	3.00	2.92	2.85	2.77	2.69	2.61	2.53	2.45	2.37	2.29	2.21	2.13
1990	2.28	2.19	2.11	2.03	1.95	1.86	1.79	1.71	1.63	1.56	1.48	1.41	1.34	1.27	1.20	1.13	1.06	1.00
1991	3.59	3.54	3.49	3.44	3.39	3.34	3.29	3.24	3.19	3.14	3.08	3.03	2.97	2.92	2.86	2.80	2.74	2.68
1992	7.96	7.85	7.73	7.62	7.51	7.39	7.28	7.16	7.04	6.92	6.80	6.67	6.55	6.42	6.29	6.16	6.02	5.89
1993	6.75	6.63	6.51	6.39	6.27	6.15	6.02	5.90	5.78	5.65	5.52	5.40	5.27	5.14	5.01	4.87	4.74	4.60
1994	3.54	3.50	3.46	3.41	3.37	3.33	3.28	3.24	3.19	3.15	3.10	3.05	3.00	2.95	2.90	2.85	2.80	2.75
1995	4.31	4.25	4.20	4.14	4.08	4.02	3.96	3.90	3.84	3.77	3.71	3.65	3.58	3.51	3.45	3.38	3.31	3.23
1996	4.31	4.19	4.08	3.96	3.84	3.73	3.61	3.49	3.38	3.26	3.15	3.04	2.92	2.81	2.70	2.58	2.47	2.36
1997	6.80	6.71	6.62	6.53	6.44	6.35	6.26	6.16	6.07	5.97	5.87	5.78	5.67	5.57	5.47	5.36	5.25	5.14
1998	8.91	8.77	8.63	8.48	8.34	8.20	8.05	7.90	7.75	7.60	7.45	7.30	7.14	6.98	6.82	6.66	6.50	6.33
1999	2.15	2.10	2.05	1.99	1.94	1.89	1.84	1.79	1.74	1.69	1.64	1.59	1.54	1.49	1.44	1.38	1.33	1.28
2000	3.10	3.00	2.91	2.81	2.71	2.62	2.52	2.43	2.33	2.24	2.15	2.06	1.97	1.88	1.79	1.71	1.62	1.54
2001	3.10	3.05	3.00	2.95	2.89	2.84	2.79	2.73	2.68	2.63	2.57	2.52	2.46	2.40	2.34	2.29	2.23	2.17
2002	9.40	9.21	9.03	8.84	8.65	8.46	8.26	8.07	7.88	7.68	7.49	7.29	7.09	6.89	6.69	6.49	6.28	6.08
2003	1.77	1.72	1.66	1.61	1.55	1.50	1.45	1.39	1.34	1.29	1.24	1.19	1.14	1.09	1.04	0.99	0.94	0.89
2004	3.86	3.80	3.75	3.69	3.63	3.57	3.51	3.45	3.39	3.33	3.26	3.20	3.14	3.07	3.00	2.94	2.87	2.80
2005	4.67	4.57	4.47	4.36	4.26	4.15	4.05	3.94	3.84	3.73	3.63	3.52	3.41	3.31	3.20	3.09	2.98	2.88
2006	6.50	6.39	6.27	6.16	6.04	5.93	5.81	5.69	5.57	5.45	5.33	5.21	5.09	4.96	4.84	4.71	4.58	4.45
2007	3.66	3.54	3.42	3.30	3.18	3.06	2.95	2.83	2.72	2.61	2.50	2.39	2.28	2.17	2.07	1.96	1.86	1.76
2008	6.85	6.75	6.66	6.56	6.46	6.37	6.27	6.17	6.06	5.96	5.86	5.75	5.64	5.53	5.42	5.31	5.20	5.08
2009	7.12	7.00	6.88	6.76	6.64	6.52	6.40	6.27	6.15	6.02	5.90	5.77	5.64	5.51	5.37	5.24	5.10	4.96
2010	4.24	4.21	4.18	4.14	4.11	4.07	4.04	4.00	3.96	3.92	3.88	3.84	3.80	3.76	3.72	3.67	3.63	3.58
2011	6.89	6.77	6.65	6.53	6.41	6.29	6.17	6.04	5.92	5.79	5.66	5.54	5.41	5.28	5.14	5.01	4.87	4.74
2012	5.08	5.01	4.93	4.86	4.78	4.71	4.63	4.55	4.47	4.39	4.31	4.23	4.15	4.06	3.98	3.89	3.80	3.71
2013	4.65	4.52	4.39	4.26	4.13	4.00	3.87	3.74	3.61	3.49	3.36	3.23	3.11	2.98	2.86	2.74	2.62	2.49
2014	6.69	6.48	6.27	6.07	5.87	5.66	5.47	5.27	5.07	4.88	4.68	4.49	4.30	4.11	3.93	3.74	3.56	3.38
2015	7.96	7.78	7.59	7.41	7.23	7.04	6.86	6.67	6.49	6.30	6.11	5.93	5.74	5.55	5.37	5.18	4.99	4.80
2016	4.62	4.50	4.38	4.26	4.14	4.02	3.90	3.78	3.66	3.54	3.42	3.30	3.18	3.07	2.95	2.83	2.71	2.60
2017	6.77	6.60	6.44	6.27	6.11	5.94	5.78	5.61	5.45	5.28	5.12	4.95	4.79	4.62	4.46	4.29	4.13	3.96
2018	5.64	5.54	5.44	5.34	5.24	5.13	5.03	4.92	4.82	4.71	4.61	4.50	4.39	4.28	4.17	4.05	3.94	3.82

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 9:21 to 69:81, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (11) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 657:669	Maturity (months) 669:681	Maturity (months) 681:693	Maturity (months) 693:705	Maturity (months) 705:717	Maturity (months) 717:729	Maturity (months) 729:741	Maturity (months) 741:753	Maturity (months) 753:765	Maturity (months) 765:777	Maturity (months) 777:789	Maturity (months) 789:801	Maturity (months) 801:813	Maturity (months) 813:825	Maturity (months) 825:837	Maturity (months) 837:849	Maturity (months) 849:861	Maturity (months) 861:873
1989	2.05	1.97	1.89	1.81	1.73	1.65	1.57	1.49	1.41	1.33	1.25	1.17	1.09	1.02	0.94	0.87	0.80	0.73
1990	0.93	0.87	0.81	0.75	0.70	0.64	0.59	0.54	0.49	0.44	0.40	0.36	0.32	0.28	0.25	0.21	0.18	0.16
1991	2.62	2.56	2.49	2.43	2.36	2.30	2.23	2.16	2.09	2.02	1.95	1.87	1.80	1.72	1.65	1.57	1.49	1.42
1992	5.75	5.61	5.46	5.32	5.17	5.02	4.86	4.71	4.55	4.39	4.23	4.06	3.90	3.73	3.56	3.39	3.21	3.04
1993	4.46	4.32	4.18	4.04	3.90	3.76	3.61	3.46	3.32	3.17	3.02	2.87	2.72	2.57	2.42	2.28	2.13	1.98
1994	2.69	2.63	2.58	2.52	2.46	2.40	2.34	2.27	2.21	2.14	2.08	2.01	1.94	1.87	1.80	1.72	1.65	1.58
1995	3.16	3.09	3.01	2.94	2.86	2.78	2.70	2.62	2.53	2.45	2.36	2.27	2.18	2.09	2.00	1.91	1.82	1.73
1996	2.25	2.14	2.03	1.93	1.82	1.71	1.61	1.51	1.41	1.31	1.21	1.12	1.03	0.94	0.86	0.78	0.70	0.62
1997	5.03	4.91	4.80	4.68	4.56	4.44	4.31	4.18	4.05	3.92	3.79	3.65	3.51	3.37	3.23	3.08	2.94	2.79
1998	6.16	5.99	5.81	5.64	5.46	5.28	5.10	4.91	4.73	4.54	4.35	4.16	3.96	3.77	3.57	3.38	3.18	2.99
1999	1.23	1.18	1.13	1.08	1.02	0.97	0.92	0.87	0.82	0.77	0.72	0.68	0.63	0.58	0.54	0.49	0.45	0.41
2000	1.45	1.37	1.29	1.21	1.13	1.06	0.98	0.91	0.84	0.77	0.71	0.64	0.58	0.52	0.47	0.42	0.37	0.32
2001	2.11	2.04	1.98	1.92	1.86	1.79	1.73	1.66	1.60	1.53	1.46	1.39	1.33	1.26	1.19	1.12	1.06	0.99
2002	5.87	5.66	5.46	5.25	5.03	4.82	4.61	4.40	4.19	3.97	3.76	3.55	3.34	3.13	2.93	2.72	2.52	2.33
2003	0.85	0.80	0.75	0.71	0.66	0.62	0.58	0.54	0.50	0.46	0.42	0.38	0.35	0.31	0.28	0.25	0.22	0.20
2004	2.73	2.66	2.58	2.51	2.44	2.36	2.28	2.21	2.13	2.05	1.97	1.88	1.80	1.72	1.63	1.55	1.47	1.38
2005	2.77	2.66	2.55	2.44	2.33	2.22	2.11	2.00	1.90	1.79	1.68	1.58	1.47	1.37	1.27	1.17	1.08	0.98
2006	4.32	4.18	4.05	3.91	3.78	3.64	3.50	3.36	3.22	3.08	2.93	2.79	2.65	2.50	2.36	2.22	2.08	1.94
2007	1.66	1.56	1.46	1.37	1.28	1.19	1.10	1.02	0.93	0.86	0.78	0.71	0.64	0.57	0.51	0.45	0.39	0.34
2008	4.96	4.84	4.72	4.59	4.46	4.34	4.20	4.07	3.94	3.80	3.66	3.52	3.37	3.23	3.08	2.94	2.79	2.64
2009	4.82	4.68	4.54	4.39	4.25	4.10	3.95	3.80	3.65	3.49	3.34	3.18	3.03	2.87	2.71	2.56	2.40	2.25
2010	3.54	3.49	3.44	3.38	3.33	3.28	3.22	3.16	3.10	3.04	2.98	2.91	2.85	2.78	2.70	2.63	2.56	2.48
2011	4.60	4.46	4.32	4.17	4.03	3.88	3.74	3.59	3.44	3.29	3.14	2.99	2.83	2.68	2.53	2.38	2.23	2.08
2012	3.62	3.53	3.44	3.34	3.24	3.14	3.04	2.94	2.84	2.74	2.63	2.52	2.42	2.31	2.20	2.09	1.98	1.87
2013	2.37	2.25	2.14	2.02	1.90	1.79	1.68	1.57	1.46	1.35	1.25	1.15	1.06	0.96	0.87	0.79	0.70	0.63
2014	3.20	3.02	2.85	2.68	2.51	2.35	2.19	2.03	1.88	1.73	1.59	1.45	1.31	1.19	1.06	0.95	0.84	0.74
2015	4.61	4.42	4.23	4.04	3.85	3.67	3.48	3.29	3.11	2.93	2.75	2.57	2.39	2.22	2.05	1.88	1.72	1.57
2016	2.48	2.36	2.25	2.14	2.02	1.91	1.80	1.69	1.58	1.48	1.37	1.27	1.17	1.08	0.98	0.89	0.81	0.73
2017	3.80	3.63	3.47	3.30	3.14	2.98	2.82	2.66	2.50	2.35	2.19	2.04	1.90	1.75	1.61	1.47	1.34	1.21
2018	3.71	3.59	3.47	3.35	3.23	3.11	2.99	2.87	2.74	2.62	2.49	2.37	2.24	2.12	2.00	1.87	1.75	1.63

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 9:21 to 69:81, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (11) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 873:885	Maturity (months) 885:897	Maturity (months) 897:909	Maturity (months) 909:921	Maturity (months) 921:933	Maturity (months) 933:945	Maturity (months) 945:957	Maturity (months) 957:969	Maturity (months) 969:981	Maturity (months) 981:993	Maturity (months) 993:1005	Maturity (months) 1005:1017	Maturity (months) 1017:1029	Maturity (months) 1029:1041	Maturity (months) 1041:1053	Maturity (months) 1053:1065	Maturity (months) 1065:1077	Maturity (months) 1077:1089
1989	0.66	0.60	0.54	0.48	0.42	0.37	0.32	0.28	0.23	0.20	0.16	0.13	0.11	0.08	0.06	0.05	0.03	0.02
1990	0.13	0.11	0.09	0.08	0.06	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1991	1.34	1.26	1.18	1.10	1.03	0.95	0.87	0.80	0.73	0.66	0.59	0.52	0.46	0.40	0.34	0.29	0.24	0.20
1992	2.87	2.70	2.52	2.35	2.18	2.01	1.85	1.68	1.52	1.37	1.22	1.08	0.95	0.82	0.70	0.59	0.49	0.40
1993	1.84	1.70	1.56	1.43	1.30	1.17	1.05	0.93	0.82	0.71	0.62	0.53	0.44	0.37	0.30	0.24	0.19	0.15
1994	1.50	1.42	1.35	1.27	1.19	1.11	1.04	0.96	0.88	0.81	0.73	0.66	0.59	0.52	0.46	0.40	0.34	0.29
1995	1.63	1.54	1.44	1.35	1.26	1.16	1.07	0.98	0.89	0.81	0.73	0.64	0.57	0.50	0.43	0.36	0.31	0.25
1996	0.55	0.49	0.43	0.37	0.32	0.27	0.22	0.18	0.15	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.01	0.01
1997	2.65	2.50	2.35	2.20	2.05	1.91	1.76	1.62	1.48	1.34	1.20	1.07	0.95	0.83	0.72	0.62	0.52	0.43
1998	2.80	2.61	2.42	2.23	2.05	1.87	1.69	1.53	1.36	1.21	1.06	0.92	0.79	0.67	0.56	0.46	0.37	0.30
1999	0.37	0.33	0.30	0.26	0.23	0.20	0.17	0.15	0.12	0.10	0.08	0.07	0.05	0.04	0.03	0.02	0.02	0.01
2000	0.28	0.24	0.21	0.17	0.14	0.12	0.10	0.08	0.06	0.05	0.03	0.03	0.02	0.01	0.01	0.01	0.00	0.00
2001	0.92	0.86	0.79	0.73	0.66	0.60	0.54	0.49	0.43	0.38	0.33	0.29	0.24	0.21	0.17	0.14	0.11	0.09
2002	2.14	1.95	1.77	1.60	1.43	1.27	1.12	0.98	0.85	0.72	0.61	0.51	0.42	0.34	0.27	0.21	0.16	0.12
2003	0.17	0.15	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00
2004	1.30	1.22	1.13	1.05	0.97	0.89	0.81	0.73	0.66	0.59	0.52	0.46	0.40	0.34	0.29	0.24	0.20	0.16
2005	0.90	0.81	0.73	0.65	0.57	0.50	0.43	0.37	0.32	0.27	0.22	0.18	0.14	0.11	0.09	0.06	0.05	0.03
2006	1.80	1.66	1.53	1.40	1.27	1.15	1.03	0.92	0.81	0.71	0.61	0.52	0.44	0.37	0.30	0.24	0.19	0.15
2007	0.30	0.25	0.21	0.18	0.15	0.12	0.10	0.08	0.06	0.04	0.03	0.02	0.02	0.01	0.01	0.00	0.00	0.00
2008	2.49	2.34	2.19	2.05	1.90	1.75	1.61	1.47	1.33	1.20	1.07	0.95	0.83	0.72	0.62	0.52	0.43	0.36
2009	2.09	1.94	1.80	1.65	1.51	1.37	1.23	1.10	0.98	0.86	0.75	0.65	0.55	0.46	0.38	0.31	0.25	0.19
2010	2.40	2.32	2.23	2.15	2.06	1.97	1.88	1.79	1.69	1.60	1.50	1.40	1.30	1.20	1.11	1.01	0.91	0.82
2011	1.93	1.79	1.65	1.51	1.37	1.24	1.11	0.99	0.88	0.77	0.66	0.57	0.48	0.40	0.33	0.26	0.21	0.16
2012	1.76	1.65	1.54	1.43	1.32	1.21	1.11	1.01	0.91	0.81	0.72	0.64	0.55	0.48	0.40	0.34	0.28	0.23
2013	0.55	0.49	0.42	0.36	0.31	0.26	0.22	0.18	0.14	0.11	0.09	0.07	0.05	0.04	0.03	0.02	0.01	0.01
2014	0.65	0.56	0.48	0.41	0.34	0.28	0.23	0.18	0.14	0.11	0.09	0.06	0.05	0.03	0.02	0.01	0.01	0.01
2015	1.42	1.28	1.14	1.01	0.89	0.77	0.67	0.57	0.48	0.40	0.33	0.26	0.21	0.16	0.12	0.09	0.07	0.05
2016	0.65	0.57	0.50	0.44	0.38	0.32	0.27	0.23	0.19	0.15	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.01
2017	1.09	0.98	0.87	0.76	0.66	0.57	0.49	0.41	0.35	0.28	0.23	0.18	0.14	0.11	0.08	0.06	0.04	0.03
2018	1.51	1.39	1.28	1.17	1.06	0.95	0.85	0.76	0.66	0.58	0.50	0.42	0.36	0.29	0.24	0.19	0.15	0.11

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 9:21 to 69:81, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (11) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 1089:1101	Maturity (months) 1101:1113	Maturity (months) 1113:1125	Maturity (months) 1125:1137	Maturity (months) 1137:1149	Maturity (months) 1149:1161	Maturity (months) 1161:1173	Maturity (months) 1173:1185	Maturity (months) 1185:1197	Maturity (months) 1197:1209	Maturity (months) 1209:1221	Maturity (months) 1221:1233	Maturity (months) 1233:1245	Maturity (months) 1245:1257	Maturity (months) 1257:1269	Maturity (months) 1269:1281	Maturity (months) 1281:1293	Maturity (months) 1293:1305
1989	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-
1991	0.16	0.13	0.10	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	0.32	0.26	0.20	0.15	0.11	0.08	0.05	0.04	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1993	0.11	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	0.24	0.20	0.16	0.13	0.10	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
1995	0.21	0.16	0.13	0.10	0.07	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	0.35	0.29	0.23	0.17	0.13	0.10	0.07	0.05	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
1998	0.23	0.18	0.13	0.09	0.07	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	0.07	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	0.13	0.10	0.07	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2005	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006	0.11	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	0.29	0.23	0.18	0.13	0.10	0.07	0.05	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.15	0.11	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0.73	0.64	0.56	0.48	0.41	0.35	0.29	0.23	0.19	0.15	0.11	0.09	0.07	0.05	0.04	0.03	0.02	0.02
2011	0.12	0.09	0.07	0.05	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.18	0.14	0.11	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	0.09	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 9:21 to 69:81, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (11) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Prospective Open Accepted Claim Counts (a)

Year of Birth	Maturity (months) 1305:1317	Maturity (months) 1317:1329	Maturity (months) 1329:1341	Maturity (months) 1341:1353	Maturity (months) 1353:1365	Maturity (months) 1365:1377	Maturity (months) 1377:1389	Maturity (months) 1389:1401	Maturity (months) 1401:1413	Maturity (months) 1413:1425	Maturity (months) 1425:1437	Maturity (months) 1437:1449	Maturity (months) 1449:1461	Maturity (months) 1461:1473	Maturity (months) 1473:1485
1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
1993	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
1994	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
1995	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
1996	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
1997	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
1999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2010	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-

Notes: (a) See the ultimate accepted claim counts (shown in Appendix E, Exhibit II, Sheet 3, Column (8)) and the adjusted q(x) (shown in Appendix E, Exhibit III, Sheets 4a to 4g) to estimate the number of claim counts alive by maturity. For the maturity from 9:21 to 69:81, the ultimate accepted claim counts are adjusted for reporting pattern as shown in column (11) of Exhibit X, Sheet 1c.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 9:21	Maturity (months) 21:33	Maturity (months) 33:45	Maturity (months) 45:57	Maturity (months) 57:69	Maturity (months) 69:81	Maturity (months) 81:93	Maturity (months) 93:105	Maturity (months) 105:117	Maturity (months) 117:129	Maturity (months) 129:141	Maturity (months) 141:153	Maturity (months) 153:165	Maturity (months) 165:177	Maturity (months) 177:189	Maturity (months) 189:201	Maturity (months) 201:213	Maturity (months) 213:225
1989																		
1990																		
1991																		
1992																		
1993																		
1994																		
1995																		
1996																		
1997																		
1998																		
1999																		
2000																		
2001																		0.0112
2002																	0.0133	0.0136
2003																0.0203	0.0207	0.0211
2004															0.0094	0.0096	0.0098	0.0101
2005														0.0139	0.0142	0.0145	0.0148	0.0151
2006													0.0106	0.0108	0.0111	0.0113	0.0116	0.0118
2007												0.0200	0.0203	0.0208	0.0212	0.0217	0.0222	0.0226
2008											0.0081	0.0082	0.0084	0.0086	0.0087	0.0089	0.0091	0.0093
2009										0.0097	0.0098	0.0099	0.0101	0.0103	0.0106	0.0108	0.0110	0.0113
2010									0.0045	0.0045	0.0046	0.0047	0.0048	0.0049	0.0050	0.0051	0.0052	0.0053
2011								0.0098	0.0099	0.0100	0.0102	0.0103	0.0105	0.0107	0.0110	0.0112	0.0114	0.0117
2012							0.0081	0.0082	0.0083	0.0084	0.0085	0.0087	0.0088	0.0090	0.0092	0.0094	0.0096	0.0098
2013						0.0157	0.0159	0.0161	0.0163	0.0166	0.0168	0.0170	0.0173	0.0177	0.0181	0.0185	0.0189	0.0193
2014					0.0170	0.0172	0.0174	0.0176	0.0179	0.0181	0.0184	0.0186	0.0190	0.0194	0.0198	0.0202	0.0207	0.0211
2015				0.0125	0.0126	0.0128	0.0130	0.0131	0.0133	0.0135	0.0137	0.0139	0.0141	0.0144	0.0147	0.0151	0.0154	0.0157
2016			0.0257	0.0142	0.0144	0.0145	0.0147	0.0149	0.0151	0.0153	0.0155	0.0158	0.0161	0.0164	0.0168	0.0171	0.0175	0.0179
2017		0.0323	0.0239	0.0132	0.0133	0.0135	0.0137	0.0139	0.0141	0.0143	0.0145	0.0147	0.0149	0.0152	0.0156	0.0159	0.0163	0.0166
2018	0.1736	0.0235	0.0174	0.0096	0.0097	0.0098	0.0100	0.0101	0.0102	0.0104	0.0105	0.0107	0.0109	0.0111	0.0114	0.0116	0.0119	0.0121

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a, and 2b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 225:237	Maturity (months) 237:249	Maturity (months) 249:261	Maturity (months) 261:273	Maturity (months) 273:285	Maturity (months) 285:297	Maturity (months) 297:309	Maturity (months) 309:321	Maturity (months) 321:333	Maturity (months) 333:345	Maturity (months) 345:357	Maturity (months) 357:369	Maturity (months) 369:381	Maturity (months) 381:393	Maturity (months) 393:405	Maturity (months) 405:417	Maturity (months) 417:429	Maturity (months) 429:441	
1989													0.0189	0.0194	0.0198	0.0202	0.0207	0.0212	0.0217
1990											0.0312	0.0319	0.0326	0.0333	0.0341	0.0349	0.0357	0.0365	
1991									0.0110	0.0112	0.0114	0.0117	0.0120	0.0122	0.0125	0.0128	0.0131		
1992								0.0111	0.0113	0.0116	0.0118	0.0121	0.0123	0.0126	0.0129	0.0132	0.0135		
1993							0.0138	0.0141	0.0144	0.0147	0.0150	0.0153	0.0156	0.0160	0.0164	0.0167	0.0171		
1994						0.0090	0.0092	0.0094	0.0096	0.0098	0.0100	0.0102	0.0104	0.0107	0.0109	0.0111	0.0114		
1995						0.0100	0.0102	0.0104	0.0106	0.0108	0.0110	0.0113	0.0115	0.0118	0.0120	0.0123	0.0126	0.0129	0.0132
1996					0.0205	0.0208	0.0212	0.0216	0.0220	0.0224	0.0229	0.0234	0.0239	0.0244	0.0250	0.0255	0.0261	0.0268	
1997				0.0094	0.0096	0.0097	0.0099	0.0101	0.0103	0.0105	0.0107	0.0109	0.0112	0.0114	0.0117	0.0120	0.0122	0.0125	0.0128
1998			0.0113	0.0115	0.0117	0.0119	0.0121	0.0124	0.0126	0.0128	0.0131	0.0134	0.0137	0.0140	0.0143	0.0146	0.0150	0.0153	
1999		0.0166	0.0170	0.0173	0.0176	0.0179	0.0182	0.0186	0.0189	0.0193	0.0197	0.0201	0.0205	0.0210	0.0215	0.0220	0.0225	0.0230	
2000	0.0221	0.0225	0.0229	0.0234	0.0238	0.0242	0.0247	0.0251	0.0256	0.0261	0.0266	0.0272	0.0278	0.0284	0.0291	0.0297	0.0304	0.0311	
2001	0.0114	0.0116	0.0118	0.0120	0.0123	0.0125	0.0127	0.0129	0.0132	0.0134	0.0137	0.0140	0.0143	0.0146	0.0150	0.0153	0.0157	0.0160	
2002	0.0138	0.0141	0.0144	0.0146	0.0149	0.0152	0.0154	0.0157	0.0160	0.0163	0.0167	0.0170	0.0174	0.0178	0.0182	0.0186	0.0190	0.0195	
2003	0.0215	0.0219	0.0223	0.0228	0.0232	0.0236	0.0240	0.0245	0.0249	0.0254	0.0259	0.0265	0.0271	0.0277	0.0283	0.0290	0.0296	0.0303	
2004	0.0102	0.0104	0.0106	0.0108	0.0110	0.0112	0.0114	0.0116	0.0119	0.0121	0.0123	0.0126	0.0129	0.0132	0.0135	0.0138	0.0141	0.0144	
2005	0.0154	0.0157	0.0160	0.0163	0.0166	0.0169	0.0172	0.0175	0.0178	0.0182	0.0185	0.0189	0.0194	0.0198	0.0202	0.0207	0.0212	0.0217	
2006	0.0120	0.0123	0.0125	0.0127	0.0130	0.0132	0.0134	0.0137	0.0139	0.0142	0.0145	0.0148	0.0151	0.0155	0.0158	0.0162	0.0166	0.0169	
2007	0.0231	0.0235	0.0239	0.0244	0.0248	0.0253	0.0257	0.0262	0.0267	0.0272	0.0278	0.0284	0.0290	0.0297	0.0303	0.0310	0.0317	0.0325	
2008	0.0095	0.0097	0.0099	0.0101	0.0102	0.0104	0.0106	0.0108	0.0110	0.0112	0.0115	0.0117	0.0120	0.0122	0.0125	0.0128	0.0131	0.0134	
2009	0.0115	0.0117	0.0119	0.0121	0.0124	0.0126	0.0128	0.0130	0.0133	0.0135	0.0138	0.0141	0.0144	0.0148	0.0151	0.0154	0.0158	0.0162	
2010	0.0054	0.0055	0.0056	0.0057	0.0058	0.0059	0.0060	0.0061	0.0063	0.0064	0.0065	0.0067	0.0068	0.0069	0.0071	0.0073	0.0074	0.0076	
2011	0.0119	0.0121	0.0124	0.0126	0.0128	0.0131	0.0133	0.0135	0.0138	0.0140	0.0143	0.0147	0.0150	0.0153	0.0157	0.0160	0.0164	0.0168	
2012	0.0100	0.0102	0.0104	0.0106	0.0108	0.0109	0.0111	0.0113	0.0116	0.0118	0.0120	0.0123	0.0126	0.0128	0.0131	0.0134	0.0137	0.0141	
2013	0.0197	0.0200	0.0204	0.0208	0.0212	0.0216	0.0219	0.0223	0.0228	0.0232	0.0237	0.0242	0.0247	0.0253	0.0259	0.0264	0.0271	0.0277	
2014	0.0215	0.0219	0.0223	0.0227	0.0232	0.0236	0.0240	0.0244	0.0249	0.0254	0.0259	0.0265	0.0271	0.0277	0.0283	0.0289	0.0296	0.0303	
2015	0.0160	0.0163	0.0166	0.0170	0.0173	0.0176	0.0179	0.0182	0.0186	0.0189	0.0193	0.0197	0.0202	0.0206	0.0211	0.0216	0.0221	0.0226	
2016	0.0182	0.0186	0.0189	0.0193	0.0196	0.0200	0.0203	0.0207	0.0211	0.0215	0.0219	0.0224	0.0229	0.0234	0.0240	0.0245	0.0251	0.0257	
2017	0.0170	0.0173	0.0176	0.0179	0.0182	0.0186	0.0189	0.0192	0.0196	0.0200	0.0204	0.0208	0.0213	0.0218	0.0223	0.0228	0.0233	0.0238	
2018	0.0124	0.0126	0.0128	0.0130	0.0133	0.0135	0.0138	0.0140	0.0143	0.0146	0.0149	0.0152	0.0155	0.0159	0.0162	0.0166	0.0170	0.0174	

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a, and 2b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 441:453	Maturity (months) 453:465	Maturity (months) 465:477	Maturity (months) 477:489	Maturity (months) 489:501	Maturity (months) 501:513	Maturity (months) 513:525	Maturity (months) 525:537	Maturity (months) 537:549	Maturity (months) 549:561	Maturity (months) 561:573	Maturity (months) 573:585	Maturity (months) 585:597	Maturity (months) 597:609	Maturity (months) 609:621	Maturity (months) 621:633	Maturity (months) 633:645	Maturity (months) 645:657
1989	0.0222	0.0228	0.0233	0.0239	0.0246	0.0252	0.0259	0.0267	0.0275	0.0284	0.0293	0.0303	0.0314	0.0325	0.0337	0.0350	0.0364	0.0379
1990	0.0374	0.0383	0.0393	0.0403	0.0413	0.0425	0.0437	0.0449	0.0463	0.0478	0.0493	0.0510	0.0528	0.0547	0.0568	0.0590	0.0613	0.0638
1991	0.0134	0.0137	0.0141	0.0144	0.0148	0.0152	0.0157	0.0161	0.0166	0.0171	0.0177	0.0183	0.0189	0.0196	0.0204	0.0211	0.0220	0.0229
1992	0.0138	0.0142	0.0145	0.0149	0.0153	0.0157	0.0162	0.0166	0.0172	0.0177	0.0183	0.0189	0.0196	0.0203	0.0210	0.0218	0.0227	0.0236
1993	0.0175	0.0180	0.0184	0.0189	0.0194	0.0199	0.0205	0.0211	0.0217	0.0224	0.0231	0.0239	0.0248	0.0257	0.0266	0.0277	0.0288	0.0299
1994	0.0117	0.0120	0.0123	0.0126	0.0129	0.0133	0.0136	0.0140	0.0145	0.0149	0.0154	0.0159	0.0165	0.0171	0.0178	0.0184	0.0192	0.0199
1995	0.0132	0.0135	0.0139	0.0142	0.0146	0.0150	0.0154	0.0159	0.0163	0.0169	0.0174	0.0180	0.0186	0.0193	0.0200	0.0208	0.0216	0.0225
1996	0.0274	0.0281	0.0288	0.0295	0.0303	0.0311	0.0320	0.0329	0.0339	0.0350	0.0361	0.0374	0.0387	0.0401	0.0416	0.0432	0.0449	0.0467
1997	0.0128	0.0131	0.0135	0.0138	0.0142	0.0146	0.0150	0.0154	0.0159	0.0164	0.0169	0.0175	0.0181	0.0188	0.0195	0.0202	0.0210	0.0219
1998	0.0157	0.0161	0.0165	0.0169	0.0173	0.0178	0.0183	0.0188	0.0194	0.0200	0.0207	0.0214	0.0221	0.0230	0.0238	0.0247	0.0257	0.0267
1999	0.0236	0.0241	0.0247	0.0254	0.0260	0.0268	0.0275	0.0283	0.0292	0.0301	0.0311	0.0321	0.0333	0.0345	0.0358	0.0372	0.0386	0.0402
2000	0.0319	0.0327	0.0335	0.0343	0.0352	0.0362	0.0372	0.0383	0.0395	0.0407	0.0421	0.0435	0.0450	0.0467	0.0484	0.0503	0.0523	0.0544
2001	0.0164	0.0168	0.0172	0.0177	0.0181	0.0186	0.0192	0.0197	0.0203	0.0210	0.0216	0.0224	0.0232	0.0240	0.0249	0.0259	0.0269	0.0280
2002	0.0199	0.0204	0.0209	0.0215	0.0220	0.0226	0.0233	0.0240	0.0247	0.0255	0.0263	0.0272	0.0282	0.0292	0.0303	0.0315	0.0327	0.0340
2003	0.0311	0.0318	0.0326	0.0334	0.0343	0.0353	0.0363	0.0373	0.0385	0.0397	0.0410	0.0424	0.0438	0.0454	0.0472	0.0490	0.0509	0.0530
2004	0.0148	0.0151	0.0155	0.0159	0.0163	0.0168	0.0172	0.0178	0.0183	0.0189	0.0195	0.0201	0.0209	0.0216	0.0224	0.0233	0.0242	0.0252
2005	0.0222	0.0227	0.0233	0.0239	0.0245	0.0252	0.0259	0.0267	0.0275	0.0284	0.0293	0.0303	0.0313	0.0325	0.0337	0.0350	0.0364	0.0379
2006	0.0174	0.0178	0.0182	0.0187	0.0192	0.0197	0.0203	0.0209	0.0215	0.0222	0.0229	0.0237	0.0245	0.0254	0.0264	0.0274	0.0285	0.0296
2007	0.0333	0.0341	0.0349	0.0358	0.0368	0.0378	0.0388	0.0400	0.0412	0.0425	0.0439	0.0454	0.0470	0.0487	0.0505	0.0525	0.0545	0.0567
2008	0.0137	0.0141	0.0144	0.0148	0.0152	0.0156	0.0160	0.0165	0.0170	0.0175	0.0181	0.0187	0.0194	0.0201	0.0208	0.0216	0.0225	0.0234
2009	0.0165	0.0170	0.0174	0.0178	0.0183	0.0188	0.0193	0.0199	0.0205	0.0211	0.0218	0.0226	0.0234	0.0242	0.0251	0.0261	0.0271	0.0282
2010	0.0078	0.0080	0.0082	0.0084	0.0086	0.0089	0.0091	0.0094	0.0097	0.0100	0.0103	0.0106	0.0110	0.0114	0.0118	0.0123	0.0128	0.0133
2011	0.0172	0.0176	0.0180	0.0185	0.0190	0.0195	0.0201	0.0206	0.0213	0.0219	0.0227	0.0234	0.0242	0.0251	0.0261	0.0271	0.0282	0.0293
2012	0.0144	0.0148	0.0151	0.0155	0.0159	0.0164	0.0168	0.0173	0.0178	0.0184	0.0190	0.0196	0.0203	0.0211	0.0219	0.0227	0.0236	0.0246
2013	0.0284	0.0291	0.0298	0.0305	0.0314	0.0322	0.0331	0.0341	0.0351	0.0362	0.0374	0.0387	0.0400	0.0415	0.0431	0.0447	0.0465	0.0484
2014	0.0310	0.0318	0.0326	0.0334	0.0343	0.0352	0.0362	0.0373	0.0384	0.0396	0.0409	0.0423	0.0438	0.0454	0.0471	0.0489	0.0509	0.0529
2015	0.0231	0.0237	0.0243	0.0249	0.0256	0.0263	0.0270	0.0278	0.0286	0.0295	0.0305	0.0315	0.0326	0.0338	0.0351	0.0365	0.0379	0.0394
2016	0.0263	0.0269	0.0276	0.0283	0.0290	0.0298	0.0307	0.0316	0.0325	0.0336	0.0347	0.0358	0.0371	0.0384	0.0399	0.0414	0.0431	0.0448
2017	0.0244	0.0250	0.0257	0.0263	0.0270	0.0277	0.0285	0.0294	0.0303	0.0312	0.0322	0.0333	0.0345	0.0357	0.0371	0.0385	0.0401	0.0417
2018	0.0178	0.0182	0.0187	0.0192	0.0197	0.0202	0.0208	0.0214	0.0220	0.0227	0.0235	0.0243	0.0251	0.0261	0.0270	0.0281	0.0292	0.0304

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a, and 2b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 657:669	Maturity (months) 669:681	Maturity (months) 681:693	Maturity (months) 693:705	Maturity (months) 705:717	Maturity (months) 717:729	Maturity (months) 729:741	Maturity (months) 741:753	Maturity (months) 753:765	Maturity (months) 765:777	Maturity (months) 777:789	Maturity (months) 789:801	Maturity (months) 801:813	Maturity (months) 813:825	Maturity (months) 825:837	Maturity (months) 837:849	Maturity (months) 849:861	Maturity (months) 861:873
1989	0.0394	0.0411	0.0429	0.0448	0.0468	0.0490	0.0513	0.0538	0.0565	0.0594	0.0625	0.0658	0.0694	0.0732	0.0772	0.0815	0.0861	0.0912
1990	0.0664	0.0692	0.0722	0.0754	0.0788	0.0824	0.0863	0.0905	0.0951	0.0999	0.1052	0.1109	0.1169	0.1233	0.1300	0.1372	0.1450	0.1535
1991	0.0238	0.0248	0.0259	0.0270	0.0282	0.0296	0.0310	0.0325	0.0341	0.0358	0.0377	0.0397	0.0419	0.0442	0.0466	0.0492	0.0520	0.0550
1992	0.0246	0.0256	0.0267	0.0279	0.0292	0.0305	0.0320	0.0335	0.0352	0.0370	0.0390	0.0411	0.0433	0.0457	0.0482	0.0508	0.0537	0.0568
1993	0.0311	0.0325	0.0339	0.0354	0.0370	0.0387	0.0405	0.0425	0.0446	0.0469	0.0494	0.0520	0.0549	0.0579	0.0610	0.0644	0.0680	0.0720
1994	0.0207	0.0216	0.0226	0.0236	0.0246	0.0258	0.0270	0.0283	0.0297	0.0312	0.0329	0.0347	0.0365	0.0385	0.0406	0.0429	0.0453	0.0480
1995	0.0234	0.0244	0.0255	0.0266	0.0278	0.0291	0.0305	0.0320	0.0336	0.0353	0.0371	0.0391	0.0413	0.0435	0.0459	0.0484	0.0512	0.0542
1996	0.0486	0.0507	0.0529	0.0552	0.0577	0.0604	0.0633	0.0663	0.0697	0.0732	0.0771	0.0812	0.0857	0.0903	0.0953	0.1005	0.1062	0.1124
1997	0.0228	0.0237	0.0248	0.0259	0.0270	0.0283	0.0296	0.0311	0.0326	0.0343	0.0361	0.0380	0.0401	0.0423	0.0446	0.0471	0.0497	0.0526
1998	0.0278	0.0290	0.0303	0.0316	0.0330	0.0346	0.0362	0.0380	0.0399	0.0419	0.0441	0.0465	0.0490	0.0517	0.0545	0.0575	0.0608	0.0644
1999	0.0418	0.0436	0.0455	0.0475	0.0496	0.0519	0.0544	0.0570	0.0599	0.0630	0.0663	0.0698	0.0737	0.0777	0.0819	0.0864	0.0913	0.0967
2000	0.0566	0.0590	0.0616	0.0643	0.0672	0.0703	0.0736	0.0772	0.0811	0.0852	0.0897	0.0945	0.0997	0.1052	0.1109	0.1170	0.1236	0.1309
2001	0.0291	0.0304	0.0317	0.0331	0.0346	0.0362	0.0379	0.0397	0.0417	0.0439	0.0462	0.0486	0.0513	0.0541	0.0571	0.0602	0.0636	0.0673
2002	0.0354	0.0369	0.0385	0.0402	0.0420	0.0440	0.0461	0.0483	0.0507	0.0533	0.0561	0.0591	0.0624	0.0658	0.0694	0.0732	0.0773	0.0819
2003	0.0551	0.0574	0.0599	0.0626	0.0654	0.0685	0.0717	0.0752	0.0789	0.0830	0.0874	0.0921	0.0971	0.1024	0.1080	0.1139	0.1204	0.1274
2004	0.0262	0.0273	0.0285	0.0298	0.0311	0.0326	0.0341	0.0358	0.0376	0.0395	0.0415	0.0438	0.0462	0.0487	0.0514	0.0542	0.0573	0.0606
2005	0.0394	0.0411	0.0428	0.0447	0.0468	0.0489	0.0513	0.0537	0.0564	0.0593	0.0624	0.0658	0.0694	0.0732	0.0772	0.0814	0.0861	0.0911
2006	0.0308	0.0321	0.0335	0.0350	0.0366	0.0383	0.0401	0.0420	0.0441	0.0464	0.0488	0.0514	0.0543	0.0572	0.0603	0.0637	0.0673	0.0712
2007	0.0591	0.0615	0.0642	0.0671	0.0701	0.0733	0.0768	0.0806	0.0846	0.0889	0.0936	0.0986	0.1040	0.1097	0.1157	0.1221	0.1290	0.1365
2008	0.0244	0.0254	0.0265	0.0277	0.0289	0.0302	0.0317	0.0332	0.0349	0.0367	0.0386	0.0407	0.0429	0.0452	0.0477	0.0503	0.0532	0.0563
2009	0.0294	0.0306	0.0319	0.0334	0.0349	0.0365	0.0382	0.0401	0.0421	0.0442	0.0465	0.0490	0.0517	0.0546	0.0575	0.0607	0.0641	0.0679
2010	0.0138	0.0144	0.0150	0.0157	0.0164	0.0172	0.0180	0.0189	0.0198	0.0208	0.0219	0.0231	0.0244	0.0257	0.0271	0.0286	0.0302	0.0320
2011	0.0305	0.0318	0.0331	0.0346	0.0362	0.0379	0.0397	0.0416	0.0437	0.0459	0.0483	0.0509	0.0537	0.0566	0.0597	0.0630	0.0666	0.0705
2012	0.0256	0.0266	0.0278	0.0290	0.0303	0.0317	0.0333	0.0349	0.0366	0.0385	0.0405	0.0427	0.0450	0.0475	0.0501	0.0528	0.0558	0.0591
2013	0.0503	0.0525	0.0547	0.0572	0.0598	0.0625	0.0655	0.0687	0.0721	0.0758	0.0798	0.0841	0.0887	0.0935	0.0986	0.1041	0.1100	0.1164
2014	0.0551	0.0574	0.0599	0.0625	0.0654	0.0684	0.0716	0.0751	0.0789	0.0829	0.0873	0.0920	0.0970	0.1023	0.1079	0.1138	0.1203	0.1273
2015	0.0410	0.0428	0.0446	0.0466	0.0487	0.0510	0.0534	0.0560	0.0588	0.0618	0.0650	0.0686	0.0723	0.0763	0.0804	0.0848	0.0896	0.0949
2016	0.0466	0.0486	0.0507	0.0530	0.0554	0.0579	0.0607	0.0636	0.0668	0.0702	0.0739	0.0779	0.0821	0.0866	0.0914	0.0964	0.1018	0.1078
2017	0.0434	0.0452	0.0471	0.0492	0.0515	0.0538	0.0564	0.0591	0.0621	0.0653	0.0687	0.0724	0.0764	0.0805	0.0849	0.0896	0.0947	0.1003
2018	0.0316	0.0329	0.0344	0.0359	0.0375	0.0392	0.0411	0.0431	0.0453	0.0476	0.0501	0.0528	0.0557	0.0587	0.0619	0.0653	0.0690	0.0731

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a, and 2b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 873:885	Maturity (months) 885:897	Maturity (months) 897:909	Maturity (months) 909:921	Maturity (months) 921:933	Maturity (months) 933:945	Maturity (months) 945:957	Maturity (months) 957:969	Maturity (months) 969:981	Maturity (months) 981:993	Maturity (months) 993:1005	Maturity (months) 1005:1017	Maturity (months) 1017:1029	Maturity (months) 1029:1041	Maturity (months) 1041:1053	Maturity (months) 1053:1065	Maturity (months) 1065:1077	Maturity (months) 1077:1089
1989	0.0967	0.1026	0.1092	0.1163	0.1240	0.1324	0.1414	0.1512	0.1619	0.1736	0.1864	0.2003	0.2155	0.2321	0.2501	0.2697	0.2909	0.3138
1990	0.1627	0.1728	0.1838	0.1958	0.2088	0.2229	0.2381	0.2545	0.2725	0.2922	0.3138	0.3373	0.3629	0.3908	0.4211	0.4540	0.4897	0.5283
1991	0.0583	0.0619	0.0659	0.0702	0.0749	0.0799	0.0853	0.0912	0.0977	0.1048	0.1125	0.1209	0.1301	0.1401	0.1509	0.1627	0.1755	0.1894
1992	0.0603	0.0640	0.0681	0.0725	0.0773	0.0825	0.0882	0.0943	0.1009	0.1082	0.1162	0.1249	0.1344	0.1447	0.1559	0.1681	0.1813	0.1956
1993	0.0763	0.0811	0.0862	0.0919	0.0980	0.1046	0.1117	0.1194	0.1279	0.1371	0.1472	0.1582	0.1702	0.1833	0.1976	0.2130	0.2297	0.2479
1994	0.0509	0.0540	0.0574	0.0612	0.0653	0.0697	0.0744	0.0796	0.0852	0.0913	0.0981	0.1054	0.1134	0.1221	0.1316	0.1419	0.1531	0.1651
1995	0.0574	0.0610	0.0649	0.0691	0.0737	0.0787	0.0840	0.0898	0.0962	0.1031	0.1107	0.1190	0.1281	0.1379	0.1486	0.1602	0.1728	0.1865
1996	0.1192	0.1266	0.1347	0.1434	0.1530	0.1633	0.1744	0.1865	0.1997	0.2141	0.2299	0.2471	0.2659	0.2863	0.3085	0.3326	0.3588	0.3871
1997	0.0558	0.0593	0.0630	0.0671	0.0716	0.0764	0.0816	0.0873	0.0935	0.1002	0.1076	0.1157	0.1245	0.1340	0.1444	0.1557	0.1679	0.1812
1998	0.0682	0.0725	0.0771	0.0821	0.0876	0.0935	0.0998	0.1067	0.1143	0.1226	0.1316	0.1414	0.1522	0.1639	0.1766	0.1904	0.2054	0.2216
1999	0.1025	0.1089	0.1158	0.1233	0.1316	0.1404	0.1500	0.1604	0.1717	0.1841	0.1977	0.2125	0.2286	0.2462	0.2653	0.2860	0.3085	0.3328
2000	0.1388	0.1474	0.1567	0.1670	0.1781	0.1901	0.2030	0.2170	0.2324	0.2492	0.2676	0.2876	0.3094	0.3332	0.3591	0.3872	0.4176	0.4505
2001	0.0714	0.0758	0.0806	0.0859	0.0916	0.0978	0.1045	0.1117	0.1196	0.1282	0.1377	0.1480	0.1592	0.1715	0.1848	0.1992	0.2149	0.2318
2002	0.0868	0.0922	0.0980	0.1044	0.1114	0.1189	0.1270	0.1358	0.1454	0.1559	0.1674	0.1799	0.1936	0.2084	0.2246	0.2422	0.2612	0.2818
2003	0.1351	0.1435	0.1526	0.1626	0.1734	0.1851	0.1977	0.2114	0.2263	0.2427	0.2606	0.2801	0.3013	0.3245	0.3497	0.3770	0.4066	0.4387
2004	0.0643	0.0683	0.0726	0.0773	0.0825	0.0880	0.0940	0.1005	0.1076	0.1154	0.1239	0.1332	0.1433	0.1543	0.1663	0.1793	0.1934	0.2087
2005	0.0966	0.1026	0.1091	0.1162	0.1240	0.1323	0.1413	0.1511	0.1618	0.1735	0.1863	0.2002	0.2154	0.2320	0.2500	0.2695	0.2907	0.3136
2006	0.0755	0.0802	0.0853	0.0909	0.0969	0.1034	0.1105	0.1181	0.1265	0.1356	0.1456	0.1565	0.1684	0.1813	0.1954	0.2107	0.2273	0.2452
2007	0.1448	0.1537	0.1635	0.1742	0.1858	0.1983	0.2118	0.2264	0.2424	0.2600	0.2792	0.3001	0.3228	0.3476	0.3746	0.4039	0.4357	0.4700
2008	0.0597	0.0634	0.0674	0.0718	0.0766	0.0818	0.0873	0.0934	0.1000	0.1072	0.1151	0.1237	0.1331	0.1434	0.1545	0.1666	0.1797	0.1938
2009	0.0720	0.0765	0.0813	0.0866	0.0924	0.0986	0.1053	0.1126	0.1206	0.1293	0.1388	0.1492	0.1606	0.1729	0.1863	0.2009	0.2167	0.2338
2010	0.0339	0.0360	0.0383	0.0408	0.0435	0.0465	0.0496	0.0531	0.0568	0.0609	0.0654	0.0703	0.0756	0.0815	0.0878	0.0946	0.1021	0.1101
2011	0.0747	0.0794	0.0844	0.0899	0.0959	0.1024	0.1093	0.1169	0.1251	0.1342	0.1441	0.1549	0.1666	0.1794	0.1934	0.2085	0.2249	0.2426
2012	0.0627	0.0666	0.0708	0.0754	0.0804	0.0858	0.0917	0.0980	0.1050	0.1125	0.1208	0.1299	0.1398	0.1505	0.1622	0.1748	0.1886	0.2035
2013	0.1234	0.1311	0.1394	0.1485	0.1584	0.1691	0.1806	0.1931	0.2067	0.2217	0.2380	0.2558	0.2752	0.2964	0.3194	0.3444	0.3714	0.4007
2014	0.1350	0.1434	0.1525	0.1624	0.1733	0.1849	0.1975	0.2112	0.2261	0.2425	0.2604	0.2798	0.3011	0.3242	0.3494	0.3767	0.4063	0.4384
2015	0.1006	0.1069	0.1136	0.1211	0.1291	0.1378	0.1472	0.1574	0.1685	0.1807	0.1940	0.2086	0.2244	0.2416	0.2604	0.2807	0.3028	0.3267
2016	0.1143	0.1214	0.1291	0.1375	0.1467	0.1566	0.1672	0.1788	0.1915	0.2053	0.2204	0.2369	0.2549	0.2745	0.2958	0.3190	0.3440	0.3712
2017	0.1063	0.1129	0.1201	0.1279	0.1364	0.1456	0.1555	0.1663	0.1780	0.1909	0.2050	0.2203	0.2370	0.2552	0.2751	0.2966	0.3199	0.3451
2018	0.0775	0.0823	0.0875	0.0932	0.0994	0.1061	0.1133	0.1212	0.1297	0.1391	0.1494	0.1605	0.1727	0.1860	0.2004	0.2161	0.2331	0.2515

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a, and 2b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 1089:1101	Maturity (months) 1101:1113	Maturity (months) 1113:1125	Maturity (months) 1125:1137	Maturity (months) 1137:1149	Maturity (months) 1149:1161	Maturity (months) 1161:1173	Maturity (months) 1173:1185	Maturity (months) 1185:1197	Maturity (months) 1197:1209	Maturity (months) 1209:1221	Maturity (months) 1221:1233	Maturity (months) 1233:1245	Maturity (months) 1245:1257	Maturity (months) 1257:1269	Maturity (months) 1269:1281	Maturity (months) 1281:1293	Maturity (months) 1293:1305
1989	0.3386	0.3653	0.3939	0.4246	0.4573	0.4913	0.5267	0.5635	0.6016	0.6415	0.6649	0.6649	0.6649	0.6649	0.6649	0.6649	0.6649	0.6649
1990	0.5700	0.6150	0.6632	0.7149	0.7698	0.8272	0.8868	0.9487	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
1991	0.2043	0.2205	0.2378	0.2563	0.2760	0.2965	0.3179	0.3401	0.3631	0.3872	0.4013	0.4013	0.4013	0.4013	0.4013	0.4013	0.4013	0.4013
1992	0.2111	0.2277	0.2456	0.2647	0.2851	0.3063	0.3284	0.3513	0.3751	0.4000	0.4146	0.4146	0.4146	0.4146	0.4146	0.4146	0.4146	0.4146
1993	0.2674	0.2885	0.3112	0.3354	0.3612	0.3881	0.4161	0.4451	0.4752	0.5067	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252
1994	0.1782	0.1922	0.2073	0.2235	0.2406	0.2586	0.2772	0.2965	0.3166	0.3376	0.3499	0.3499	0.3499	0.3499	0.3499	0.3499	0.3499	0.3499
1995	0.2012	0.2170	0.2341	0.2523	0.2717	0.2920	0.3130	0.3348	0.3575	0.3812	0.3951	0.3951	0.3951	0.3951	0.3951	0.3951	0.3951	0.3951
1996	0.4177	0.4506	0.4859	0.5238	0.5641	0.6061	0.6498	0.6951	0.7421	0.7913	0.8202	0.8202	0.8202	0.8202	0.8202	0.8202	0.8202	0.8202
1997	0.1955	0.2109	0.2275	0.2452	0.2640	0.2837	0.3041	0.3254	0.3474	0.3704	0.3839	0.3839	0.3839	0.3839	0.3839	0.3839	0.3839	0.3839
1998	0.2391	0.2579	0.2781	0.2998	0.3229	0.3469	0.3719	0.3979	0.4248	0.4529	0.4695	0.4695	0.4695	0.4695	0.4695	0.4695	0.4695	0.4695
1999	0.3591	0.3874	0.4178	0.4504	0.4850	0.5212	0.5587	0.5977	0.6381	0.6804	0.7053	0.7053	0.7053	0.7053	0.7053	0.7053	0.7053	0.7053
2000	0.4861	0.5244	0.5656	0.6096	0.6565	0.7054	0.7563	0.8090	0.8637	0.9210	0.9547	0.9547	0.9547	0.9547	0.9547	0.9547	0.9547	0.9547
2001	0.2501	0.2699	0.2910	0.3137	0.3378	0.3630	0.3892	0.4163	0.4445	0.4739	0.4913	0.4913	0.4913	0.4913	0.4913	0.4913	0.4913	0.4913
2002	0.3040	0.3280	0.3538	0.3813	0.4106	0.4412	0.4730	0.5060	0.5403	0.5761	0.5971	0.5971	0.5971	0.5971	0.5971	0.5971	0.5971	0.5971
2003	0.4734	0.5107	0.5508	0.5937	0.6393	0.6869	0.7364	0.7878	0.8411	0.8969	0.9297	0.9297	0.9297	0.9297	0.9297	0.9297	0.9297	0.9297
2004	0.2252	0.2429	0.2620	0.2824	0.3041	0.3267	0.3503	0.3747	0.4001	0.4266	0.4422	0.4422	0.4422	0.4422	0.4422	0.4422	0.4422	0.4422
2005	0.3384	0.3651	0.3937	0.4244	0.4570	0.4911	0.5265	0.5632	0.6013	0.6411	0.6646	0.6646	0.6646	0.6646	0.6646	0.6646	0.6646	0.6646
2006	0.2645	0.2854	0.3078	0.3318	0.3573	0.3839	0.4116	0.4403	0.4701	0.5012	0.5196	0.5196	0.5196	0.5196	0.5196	0.5196	0.5196	0.5196
2007	0.5071	0.5471	0.5901	0.6360	0.6849	0.7359	0.7890	0.8440	0.9011	0.9608	0.9960	0.9960	0.9960	0.9960	0.9960	0.9960	0.9960	0.9960
2008	0.2091	0.2256	0.2433	0.2623	0.2824	0.3035	0.3254	0.3481	0.3716	0.3962	0.4107	0.4107	0.4107	0.4107	0.4107	0.4107	0.4107	0.4107
2009	0.2522	0.2721	0.2934	0.3163	0.3406	0.3660	0.3924	0.4197	0.4481	0.4778	0.4953	0.4953	0.4953	0.4953	0.4953	0.4953	0.4953	0.4953
2010	0.1188	0.1282	0.1383	0.1490	0.1605	0.1724	0.1849	0.1978	0.2111	0.2251	0.2334	0.2334	0.2334	0.2334	0.2334	0.2334	0.2334	0.2334
2011	0.2618	0.2824	0.3046	0.3283	0.3535	0.3799	0.4073	0.4356	0.4651	0.4960	0.5141	0.5141	0.5141	0.5141	0.5141	0.5141	0.5141	0.5141
2012	0.2195	0.2368	0.2554	0.2753	0.2965	0.3186	0.3415	0.3654	0.3901	0.4159	0.4311	0.4311	0.4311	0.4311	0.4311	0.4311	0.4311	0.4311
2013	0.4324	0.4664	0.5031	0.5422	0.5839	0.6274	0.6727	0.7196	0.7682	0.8192	0.8491	0.8491	0.8491	0.8491	0.8491	0.8491	0.8491	0.8491
2014	0.4730	0.5103	0.5503	0.5932	0.6388	0.6864	0.7358	0.7872	0.8404	0.8961	0.9289	0.9289	0.9289	0.9289	0.9289	0.9289	0.9289	0.9289
2015	0.3525	0.3803	0.4101	0.4421	0.4760	0.5115	0.5484	0.5866	0.6263	0.6678	0.6923	0.6923	0.6923	0.6923	0.6923	0.6923	0.6923	0.6923
2016	0.4005	0.4320	0.4660	0.5022	0.5409	0.5812	0.6230	0.6665	0.7116	0.7588	0.7865	0.7865	0.7865	0.7865	0.7865	0.7865	0.7865	0.7865
2017	0.3723	0.4017	0.4332	0.4670	0.5029	0.5403	0.5793	0.6197	0.6616	0.7055	0.7313	0.7313	0.7313	0.7313	0.7313	0.7313	0.7313	0.7313
2018	0.2713	0.2927	0.3157	0.3403	0.3665	0.3938	0.4222	0.4516	0.4821	0.5141	0.5329	0.5329	0.5329	0.5329	0.5329	0.5329	0.5329	0.5329

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a, and 2b.

Accepted Claim Counts (Excluding Deceased Claims) - Expected Remaining Alive by Maturity

Adjusted q(x) (a)

Year of Birth	Maturity (months) 1305:1317	Maturity (months) 1317:1329	Maturity (months) 1329:1341	Maturity (months) 1341:1353	Maturity (months) 1353:1365	Maturity (months) 1365:1377	Maturity (months) 1377:1389	Maturity (months) 1389:1401	Maturity (months) 1401:1413	Maturity (months) 1413:1425	Maturity (months) 1425:1437	Maturity (months) 1437:1449	Maturity (months) 1449:1461	Maturity (months) 1461:1473	Maturity (months) 1473:1485
1989	0.6649	0.6649	0.6649	0.6649	0.6649	0.6649	0.6649	0.6649	0.6649	0.6649	0.6649	0.6649	1.0000	1.0000	
1990	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
1991	0.4013	0.4013	0.4013	0.4013	0.4013	0.4013	0.4013	0.4013	0.4013	0.4013	0.4013	0.4013	1.0000	1.0000	
1992	0.4146	0.4146	0.4146	0.4146	0.4146	0.4146	0.4146	0.4146	0.4146	0.4146	0.4146	0.4146	1.0000	1.0000	
1993	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	0.5252	1.0000	1.0000	
1994	0.3499	0.3499	0.3499	0.3499	0.3499	0.3499	0.3499	0.3499	0.3499	0.3499	0.3499	0.3499	1.0000	1.0000	
1995	0.3951	0.3951	0.3951	0.3951	0.3951	0.3951	0.3951	0.3951	0.3951	0.3951	0.3951	0.3951	1.0000	1.0000	
1996	0.8202	0.8202	0.8202	0.8202	0.8202	0.8202	0.8202	0.8202	0.8202	0.8202	0.8202	0.8202	1.0000	1.0000	
1997	0.3839	0.3839	0.3839	0.3839	0.3839	0.3839	0.3839	0.3839	0.3839	0.3839	0.3839	0.3839	1.0000	1.0000	
1998	0.4695	0.4695	0.4695	0.4695	0.4695	0.4695	0.4695	0.4695	0.4695	0.4695	0.4695	0.4695	1.0000	1.0000	
1999	0.7053	0.7053	0.7053	0.7053	0.7053	0.7053	0.7053	0.7053	0.7053	0.7053	0.7053	0.7053	1.0000	1.0000	
2000	0.9547	0.9547	0.9547	0.9547	0.9547	0.9547	0.9547	0.9547	0.9547	0.9547	0.9547	0.9547	1.0000	1.0000	
2001	0.4913	0.4913	0.4913	0.4913	0.4913	0.4913	0.4913	0.4913	0.4913	0.4913	0.4913	0.4913	1.0000	1.0000	
2002	0.5971	0.5971	0.5971	0.5971	0.5971	0.5971	0.5971	0.5971	0.5971	0.5971	0.5971	0.5971	1.0000	1.0000	
2003	0.9297	0.9297	0.9297	0.9297	0.9297	0.9297	0.9297	0.9297	0.9297	0.9297	0.9297	0.9297	1.0000	1.0000	
2004	0.4422	0.4422	0.4422	0.4422	0.4422	0.4422	0.4422	0.4422	0.4422	0.4422	0.4422	0.4422	1.0000	1.0000	
2005	0.6646	0.6646	0.6646	0.6646	0.6646	0.6646	0.6646	0.6646	0.6646	0.6646	0.6646	0.6646	1.0000	1.0000	
2006	0.5196	0.5196	0.5196	0.5196	0.5196	0.5196	0.5196	0.5196	0.5196	0.5196	0.5196	0.5196	1.0000	1.0000	
2007	0.9960	0.9960	0.9960	0.9960	0.9960	0.9960	0.9960	0.9960	0.9960	0.9960	0.9960	0.9960	1.0000	1.0000	
2008	0.4107	0.4107	0.4107	0.4107	0.4107	0.4107	0.4107	0.4107	0.4107	0.4107	0.4107	0.4107	1.0000	1.0000	
2009	0.4953	0.4953	0.4953	0.4953	0.4953	0.4953	0.4953	0.4953	0.4953	0.4953	0.4953	0.4953	1.0000	1.0000	
2010	0.2334	0.2334	0.2334	0.2334	0.2334	0.2334	0.2334	0.2334	0.2334	0.2334	0.2334	0.2334	1.0000	1.0000	
2011	0.5141	0.5141	0.5141	0.5141	0.5141	0.5141	0.5141	0.5141	0.5141	0.5141	0.5141	0.5141	1.0000	1.0000	
2012	0.4311	0.4311	0.4311	0.4311	0.4311	0.4311	0.4311	0.4311	0.4311	0.4311	0.4311	0.4311	1.0000	1.0000	
2013	0.8491	0.8491	0.8491	0.8491	0.8491	0.8491	0.8491	0.8491	0.8491	0.8491	0.8491	0.8491	1.0000	1.0000	
2014	0.9289	0.9289	0.9289	0.9289	0.9289	0.9289	0.9289	0.9289	0.9289	0.9289	0.9289	0.9289	1.0000	1.0000	
2015	0.6923	0.6923	0.6923	0.6923	0.6923	0.6923	0.6923	0.6923	0.6923	0.6923	0.6923	0.6923	1.0000	1.0000	
2016	0.7865	0.7865	0.7865	0.7865	0.7865	0.7865	0.7865	0.7865	0.7865	0.7865	0.7865	0.7865	1.0000	1.0000	
2017	0.7313	0.7313	0.7313	0.7313	0.7313	0.7313	0.7313	0.7313	0.7313	0.7313	0.7313	0.7313	1.0000	1.0000	
2018	0.5329	0.5329	0.5329	0.5329	0.5329	0.5329	0.5329	0.5329	0.5329	0.5329	0.5329	0.5329	1.0000	1.0000	

Notes: (a) See Appendix E, Exhibit V, Sheets 1a, 1b, 2a, and 2b.

Development of Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2018 Cost Level (a)

Year of Birth	9	21	33	45	57	69	81	93	105	117	129	141	153	165	177	189
1989			352,652	129,478	166,665	137,381	79,305	74,864	101,771	59,941	53,458	66,207	289,557	71,019	105,053	85,518
1990		124,218	143,879	73,568	49,583	18,336	47,820	19,140	20,561	15,701	16,847	11,101	21,726	45,816	47,157	55,331
1991		317,757	95,006	40,721	137,672	97,695	35,381	29,034	12,036	26,397	31,058	37,556	43,034	41,102	35,795	46,119
1992		14,099	94,761	106,755	74,607	39,222	35,853	27,786	27,890	25,982	27,347	34,500	46,049	40,719	28,647	43,728
1993		78,117	63,801	109,185	75,772	90,992	122,585	96,123	91,559	92,101	95,688	74,426	100,455	95,274	90,021	80,989
1994		248,565	382,099	70,359	80,005	149,675	56,892	84,742	69,511	36,072	20,015	216,933	19,739	24,034	37,355	43,168
1995			84,398	134,208	47,103	16,637	40,573	16,295	43,392	43,131	82,395	169,083	71,489	111,370	16,470	93,000
1996		152,071	184,061	61,686	133,707	130,592	122,294	71,324	66,147	61,888	71,330	62,955	66,519	65,115	71,148	83,043
1997		103,196	103,062	52,013	51,975	112,188	68,110	59,617	33,342	51,769	55,833	59,260	63,414	92,017	70,223	64,005
1998		94,587	127,319	127,608	60,087	53,413	119,764	76,828	61,426	72,742	66,266	83,000	79,978	98,433	88,298	103,169
1999		329,583	166,799	96,454	136,526	73,990	79,470	55,657	187,719	115,146	104,458	104,210	122,363	108,027	108,499	125,085
2000		353,468	24,862	186,101	95,346	54,483	48,650	38,166	40,189	37,292	59,456	49,483	50,674	68,057	57,318	56,602
2001			278,635	455,596	167,208	113,945	306,434	97,542	80,247	77,004	88,132	75,889	114,049	117,536	131,779	124,070
2002		79,237	135,963	97,472	81,087	67,477	91,605	78,943	70,110	62,731	63,810	78,610	95,277	79,598	78,259	74,668
2003				83,537	96,089	216,651	107,634	48,225	83,475	102,667	91,653	110,078	170,471	130,756	121,534	104,947
2004		312,709	218,208	172,704	124,663	99,997	65,300	106,305	48,670	58,030	73,871	62,354	57,867	61,370	71,364	
2005		8,344	88,922	114,342	86,838	112,837	84,502	86,047	54,119	62,776	62,400	69,084	69,623	76,631		
2006		68,637	246,032	88,767	92,831	191,129	101,050	75,971	65,892	60,941	64,265	87,336	75,535			
2007			190,457	175,426	119,472	127,224	129,728	118,457	122,358	112,842	128,983	121,939				
2008		75,267	97,835	70,694	74,009	43,332	52,557	63,501	66,631	77,067	79,276					
2009		130,302	124,367	111,795	94,227	55,882	56,769	88,344	131,526	61,027						
2010		374,905	152,463	100,817	42,680	34,906	33,452	51,192	37,335							
2011		64,779	77,620	79,359	62,303	88,701	63,316	60,090								
2012		29,010	139,121	134,890	59,376	45,910	52,166									
2013	1,287	138,519	155,593	138,877	90,177	72,866										
2014		77,721	110,641	77,782	124,245											
2015		63,860	150,256	91,013												
2016			54,017													
2017		142,876														
2018	5,372															
Averages:																
Latest 3	11,859	187,215	114,210	96,699	97,333	71,652	52,981	69,612	86,730	81,560	86,885	92,313	69,358	82,369	82,593	89,090
Latest 5	13,259	129,854	126,208	98,656	81,123	62,428	53,782	77,278	88,512	73,811	80,662	89,200	86,890	85,456	84,863	89,675
Latest 10	13,027	131,811	122,833	103,076	87,002	90,446	74,379	79,029	77,969	69,601	78,865	84,065	85,312	87,444	79,457	85,458
All	6,513	160,650	135,719	107,313	89,048	85,951	81,226	68,442	70,713	63,574	66,572	77,787	84,550	77,888	71,326	77,285
Cumulative	86,694	86,806	85,254	82,723	80,766	80,030	79,461	79,281	80,428	81,506	83,626	85,707	86,717	87,010	88,310	90,886
Selected		131,811	122,833	103,076	87,002	90,446	74,379	79,029	77,969	69,601	78,865	84,065	85,312	87,444	79,457	85,458

Note (a): Ratio of 2018 level incremental payments (shown in Appendix E, Exhibit IV, Sheets 3a and 3b) and accepted reported claim counts (AAA only as shown in Appendix E, Exhibit IV, Sheets 2a and 2b).

Development of Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2018 Cost Level (a)

Year of Birth	201	213	225	237	249	261	273	285	297	309	321	333	345	357
1989	102,840	90,303	105,441	46,893	54,435	62,190	80,095	79,395	112,809	120,169	120,249	119,230	113,325	92,501
1990	54,286	64,962	32,464	31,404	28,982	38,127	36,318	45,144	81,027	80,855	64,217	63,778	87,448	
1991	65,255	146,230	114,505	154,519	126,315	96,923	249,453	133,909	139,002	124,776	131,959	154,348		
1992	42,660	56,494	65,462	84,807	60,659	86,803	103,946	91,007	93,980	103,555	102,184			
1993	98,502	91,782	97,684	104,308	125,544	125,412	113,382	115,152	99,838	118,222				
1994	37,019	45,805	36,613	52,514	67,056	60,559	58,352	60,688	73,116					
1995	270,812	67,686	111,737	116,322	142,222	124,795	144,150	108,216						
1996	64,064	56,551	76,423	59,594	64,942	76,481	83,110							
1997	115,682	76,595	69,369	67,216	73,272	71,234								
1998	118,892	104,537	106,927	110,930	125,949									
1999	147,906	117,162	129,665	110,279										
2000	54,762	64,698	69,091											
2001	110,190	129,015												
2002	82,918													
2003														
2004														
2005														
2006														
2007														
2008														
2009														
2010														
2011														
2012														
2013														
2014														
2015														
2016														
2017														
2018														
Averages:														
Latest 3	81,477	100,631	102,249	95,640	94,451	86,986	96,854	100,297	92,238	113,185	102,509			
Latest 5	100,285	96,224	90,306	92,321	98,253	93,492	102,981	101,992	97,142					
Latest 10	107,522	80,842	87,608	90,323										
All	95,306	83,947	85,832	87,130	90,379	85,484	107,532	93,264	99,446	111,044	106,733	117,073	102,235	92,501
Cumulative	93,088	92,689	94,224	95,876	97,807	99,755	103,715	102,539	105,919	108,934	107,543	108,284	98,695	92,501
Selected	95,306	92,689	94,224	95,876	97,807	99,755	103,715	102,539	105,919	105,000	105,000	105,000	105,000	105,000

Note (a): Ratio of 2018 level incremental payments (shown in Appendix E, Exhibit IV, Sheets 3a and 3b) and accepted reported claim counts (AAA only as shown in Appendix E, Exhibit IV, Sheets 2a and 2b).

Accepted Reported Claim Counts - (Open Accepted Claims AAA Only)

Year of Birth	9	21	33	45	57	69	81	93	105	117	129	141	153	165	177	189
1989	-	-	4	8	8	9	8	8	8	8	8	7	6	6	5	5
1990	-	2	5	7	7	7	7	7	7	7	7	7	7	7	7	7
1991	-	1	1	3	4	4	4	4	4	4	4	4	4	4	4	4
1992	1	2	7	12	13	13	12	12	12	11	11	11	11	11	11	10
1993	-	2	9	11	11	11	11	11	11	11	11	11	11	11	10	9
1994	-	2	3	6	6	7	7	5	5	4	4	4	4	4	4	4
1995	-	-	5	6	6	6	6	5	5	5	5	5	5	5	5	5
1996	-	2	4	5	5	6	6	6	6	6	6	6	6	6	6	6
1997	-	2	8	8	7	8	9	9	9	9	9	9	9	9	9	9
1998	-	6	7	10	12	11	12	12	12	12	12	12	12	12	12	12
1999	-	3	3	5	7	8	8	7	7	7	7	7	7	6	6	5
2000	1	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2001	-	-	2	2	3	4	4	4	4	4	4	4	4	4	4	4
2002	-	4	6	11	12	14	15	15	15	15	15	15	14	14	14	13
2003	-	-	-	2	3	3	3	3	3	3	3	3	3	3	3	3
2004	-	1	3	3	4	5	5	5	5	5	5	5	5	5	5	5
2005	-	1	5	8	10	10	10	9	9	8	7	7	7	7	7	7
2006	-	2	2	7	9	10	10	10	10	10	10	9	9			
2007	-	-	4	7	8	8	8	8	8	8	7	7				
2008	-	2	6	8	9	9	10	10	10	10	9					
2009	-	4	6	9	9	10	10	10	10	10						
2010	-	2	3	6	6	6	5	5	5							
2011	-	2	7	10	11	10	10	10								
2012	-	2	4	7	7	7	7									
2013	1	3	6	7	8	8										
2014	-	6	10	12	12											
2015	-	2	6	12												
2016	-	-	3													
2017	-	3														
2018	1															
Totals:																
Latest 3	1	5	19	31	27	25	22	25	25	28	26	23	21	15	22	20
Latest 5	1	14	29	48	44	41	42	43	43	46	38	31	38	33	31	30
Latest 10	2	26	55	85	89	83	78	85	79	78	72	74	75	71	69	66
All	4	59	134	197	202	199	192	180	170	162	149	138	129	119	110	101
Cumulative	2,869	2,865	2,806	2,672	2,475	2,273	2,074	1,882	1,702	1,532	1,370	1,221	1,083	954	835	725

Accepted Reported Claim Counts - (Open Accepted Claims AAA Only)

Year of Birth	201	213	225	237	249	261	273	285	297	309	321	333	345	357
1989	5	5	5	5	5	5	5	5	5	5	5	5	4	4
1990	6	4	4	4	4	4	4	4	4	3	3	3	3	
1991	4	4	4	4	4	4	4	4	4	4	4	4		
1992	10	10	9	9	9	9	9	9	9	9	9			
1993	8	8	8	8	8	8	8	8	8	8				
1994	4	4	4	4	4	4	4	4	4					
1995	5	5	5	5	5	5	5	5						
1996	6	6	6	6	6	6	6							
1997	9	8	8	8	8	8								
1998	12	12	12	12	11									
1999	4	4	4	3										
2000	5	5	5											
2001	4	4												
2002	13													
2003														
2004														
2005														
2006														
2007														
2008														
2009														
2010														
2011														
2012														
2013														
2014														
2015														
2016														
2017														
2018														
Totals:														
Latest 3	22	13	21	23	25	19	15	17	21	21	16			
Latest 5	38	33	35	34	34	31	32	30	29					
Latest 10	70	66	65	63										
All	95	79	74	68	64	53	45	39	34	29	21	12	7	4
Cumulative	624	529	450	376	308	244	191	146	107	73	44	23	11	4

Incremental Payments - 2018 Level (a)

Year of Birth	9	21	33	45	57	69	81	93	105	117	129	141	153	165	177	189
1989			1,410,610	1,035,821	1,333,317	1,236,432	634,442	598,910	814,165	479,529	427,667	463,452	1,737,341	426,114	525,263	427,592
1990		248,437	719,397	514,977	347,081	128,355	334,742	133,983	143,924	109,906	117,926	77,710	152,085	320,715	330,100	387,318
1991		317,757	95,006	122,163	550,689	390,782	141,522	116,134	48,145	105,586	124,234	150,223	172,138	164,410	143,179	184,477
1992		28,198	663,330	1,281,055	969,892	509,887	430,239	333,437	334,674	285,800	300,813	379,505	506,543	447,906	315,120	437,278
1993		156,233	574,213	1,201,039	833,488	1,000,907	1,348,440	1,057,353	1,007,151	1,013,113	1,052,569	818,691	1,105,010	1,048,015	900,207	728,905
1994		497,131	1,146,297	422,154	480,027	1,047,724	398,241	423,709	347,556	144,289	80,062	867,733	78,955	96,137	149,420	172,674
1995		165,706	421,992	805,246	282,621	99,824	243,437	81,475	216,958	215,656	411,976	845,416	357,446	556,849	82,349	464,998
1996		304,142	736,243	308,429	668,533	783,554	733,765	427,944	396,882	371,329	427,978	377,731	399,114	390,688	426,890	498,258
1997		206,392	824,496	416,101	363,825	897,504	612,990	536,553	300,079	465,925	502,493	533,340	570,723	828,152	632,009	576,049
1998		567,524	891,235	1,276,082	721,044	587,540	1,437,165	921,931	737,116	872,901	795,193	995,995	959,731	1,181,198	1,059,572	1,238,025
1999		988,749	500,397	482,270	955,680	591,922	635,759	389,601	1,314,036	806,024	731,207	729,471	856,542	648,160	650,991	625,427
2000		1,060,403	124,310	930,506	476,728	272,417	243,251	190,830	200,947	186,461	297,278	247,415	253,369	340,283	286,588	283,011
2001		307,992	557,270	911,192	501,625	455,780	1,225,736	390,167	320,989	308,017	352,529	303,557	456,194	470,145	527,116	496,281
2002		316,947	815,775	1,072,188	973,044	944,680	1,374,073	1,184,149	1,051,652	940,965	957,144	1,179,143	1,333,883	1,114,369	1,095,630	970,682
2003		283,607	358,643	167,074	288,268	649,952	322,903	144,675	250,426	308,001	274,958	330,235	511,414	392,269	364,602	314,840
2004		312,709	654,625	518,111	498,653	499,985	326,501	531,524	243,348	290,152	369,353	311,770	289,335	306,851	356,818	
2005		8,344	444,611	914,735	868,376	1,128,366	845,023	774,426	487,072	502,205	436,797	483,591	487,363	536,415		
2006		137,275	492,064	621,370	835,480	1,911,288	1,010,500	759,708	658,917	609,408	642,649	786,027	679,818			
2007		143,715	761,826	1,227,981	955,774	1,017,792	1,037,827	947,658	978,868	902,733	902,878	853,576				
2008		150,534	587,009	565,549	666,077	389,987	525,570	635,014	666,305	770,671	713,482					
2009	948	521,206	746,201	1,006,158	848,046	558,824	567,687	883,436	1,315,261	610,269						
2010	1,118	749,810	457,390	604,901	256,083	209,434	167,258	255,962	186,674							
2011	5,358	129,558	543,337	793,586	685,335	887,009	633,158	600,897								
2012	4,083	58,020	556,485	944,231	415,633	321,372	365,161									
2013	1,287	415,556	933,560	972,140	721,418	582,928										
2014	1,401	466,323	1,106,412	933,383	1,490,934											
2015	0	127,721	901,537	1,092,152												
2016	6,173	379,727	162,050													
2017	315	428,629														
2018	5,372															
Totals:																
Latest 3	11,859	936,077	2,169,999	2,997,675	2,627,985	1,791,309	1,165,577	1,740,296	2,168,240	2,283,674	2,259,008	2,123,194	1,456,516	1,235,535	1,817,051	1,781,803
Latest 5	13,259	1,817,956	3,660,044	4,735,493	3,569,403	2,559,567	2,258,834	3,322,968	3,806,025	3,395,287	3,065,158	2,765,199	3,301,814	2,820,049	2,630,755	2,690,241
Latest 10	26,053	3,427,084	6,755,808	8,761,452	7,743,156	7,506,985	5,801,587	6,717,450	6,159,513	5,428,883	5,678,274	6,220,781	6,398,373	6,208,530	5,482,567	5,640,245
All	26,053	9,478,345	18,186,322	21,140,596	17,987,672	17,104,244	15,595,391	12,319,477	12,021,148	10,298,939	9,919,185	10,734,583	10,907,004	9,268,674	7,845,856	7,805,814
Cumulative	248,726,077	248,700,024	239,221,678	221,035,357	199,894,761	181,907,089	164,802,845	149,207,454	136,887,977	124,866,829	114,567,891	104,648,705	93,914,123	83,007,119	73,738,445	65,892,589

Notes: (a) The product of actual incremental payments (shown in Appendix E, Exhibit IV, Sheets 5a and 5b) and adjustment factors to 2018 level (shown in Appendix E, Exhibit IV, Sheets 4a and 4b).

Incremental Payments - 2018 Level (a)

Year of Birth	201	213	225	237	249	261	273	285	297	309	321	333	345	357
1989	514,198	451,513	527,206	234,467	272,173	310,949	400,475	396,976	564,044	600,843	601,244	596,149	453,301	370,002
1990	325,715	259,850	129,858	125,616	115,926	152,508	145,270	180,576	324,108	242,564	192,651	191,334	262,343	
1991	261,020	584,921	458,019	618,076	505,262	387,691	997,812	535,636	556,006	499,105	527,837	617,392		
1992	426,600	564,936	589,161	763,263	545,934	781,231	935,515	819,063	845,824	931,999	919,659			
1993	788,016	734,253	781,470	834,462	1,004,354	1,003,300	907,053	921,217	798,705	945,773				
1994	148,075	183,220	146,453	210,058	268,225	242,235	233,407	242,752	292,464					
1995	1,354,061	338,431	558,686	581,611	711,108	623,974	720,750	541,079						
1996	384,385	339,305	458,536	357,562	389,649	458,887	498,660							
1997	1,041,142	612,758	554,949	537,729	586,176	569,872								
1998	1,426,701	1,254,443	1,283,122	1,331,161	1,385,439									
1999	591,624	468,649	518,661	330,838										
2000	273,811	323,491	345,456											
2001	440,758	516,062												
2002	1,077,934													
2003														
2004														
2005														
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2013														
2014														
2015														
2016														
2017														
2018														
Totals:														
Latest 3	1,792,504	1,308,202	2,147,238	2,199,728	2,361,264	1,652,733	1,452,817	1,705,049	1,936,993	2,376,877	1,640,147			
Latest 5	3,810,829	3,175,403	3,160,723	3,138,901	3,340,596	2,898,267	3,295,386	3,059,748	2,817,107					
Latest 10	7,526,508	5,335,549	5,694,513	5,690,376										
All	9,054,040	6,631,832	6,351,577	5,924,844	5,784,245	4,530,646	4,838,943	3,637,300	3,381,151	3,220,284	2,241,391	1,404,876	715,644	370,002
Cumulative	58,086,774	49,032,734	42,400,902	36,049,325	30,124,482	24,340,236	19,809,591	14,970,648	11,333,348	7,952,196	4,731,913	2,490,522	1,085,646	370,002

Notes: (a) The product of actual incremental payments (shown in Appendix E, Exhibit IV, Sheets 5a and 5b) and adjustment factors to 2018 level (shown in Appendix E, Exhibit IV, Sheets 4a and 4b).

Adjustment Factors to 2018 Level (a)

Year of Birth	9	21	33	45	57	69	81	93	105	117	129	141	153	165	177	189
1989	1.513	1.487	1.464	1.443	1.420	1.401	1.386	1.372	1.359	1.346	1.333	1.321	1.307	1.292	1.279	1.262
1990	1.487	1.464	1.443	1.420	1.401	1.386	1.372	1.359	1.346	1.333	1.321	1.307	1.292	1.279	1.262	1.245
1991	1.464	1.443	1.420	1.401	1.386	1.372	1.359	1.346	1.333	1.321	1.307	1.292	1.279	1.262	1.245	1.231
1992	1.443	1.420	1.401	1.386	1.372	1.359	1.346	1.333	1.321	1.307	1.292	1.279	1.262	1.245	1.231	1.216
1993	1.420	1.401	1.386	1.372	1.359	1.346	1.333	1.321	1.307	1.292	1.279	1.262	1.245	1.231	1.216	1.174
1994	1.401	1.386	1.372	1.359	1.346	1.333	1.321	1.307	1.292	1.279	1.262	1.245	1.231	1.216	1.174	1.060
1995	1.386	1.372	1.359	1.346	1.333	1.321	1.307	1.292	1.279	1.262	1.245	1.231	1.216	1.174	1.060	1.052
1996	1.372	1.359	1.346	1.333	1.321	1.307	1.292	1.279	1.262	1.245	1.231	1.216	1.174	1.060	1.052	1.042
1997	1.359	1.346	1.333	1.321	1.307	1.292	1.279	1.262	1.245	1.231	1.216	1.174	1.060	1.052	1.042	1.033
1998	1.346	1.333	1.321	1.307	1.292	1.279	1.262	1.245	1.231	1.216	1.174	1.060	1.052	1.042	1.033	1.027
1999	1.333	1.321	1.307	1.292	1.279	1.262	1.245	1.231	1.216	1.174	1.060	1.052	1.042	1.033	1.027	1.021
2000	1.321	1.307	1.292	1.279	1.262	1.245	1.231	1.216	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017
2001	1.307	1.292	1.279	1.262	1.245	1.231	1.216	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011
2002	1.292	1.279	1.262	1.245	1.231	1.216	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004
2003	1.279	1.262	1.245	1.231	1.216	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000
2004	1.262	1.245	1.231	1.216	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000	
2005	1.245	1.231	1.216	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000		
2006	1.231	1.216	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000			
2007	1.216	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000				
2008	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000					
2009	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000						
2010	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000							
2011	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000								
2012	1.033	1.027	1.021	1.017	1.011	1.004	1.000									
2013	1.027	1.021	1.017	1.011	1.004	1.000										
2014	1.021	1.017	1.011	1.004	1.000											
2015	1.017	1.011	1.004	1.000												
2016	1.011	1.004	1.000													
2017	1.004	1.000														
2018	1.000															

Notes: (a) See Appendix E, Exhibit II, Sheet 3, Column (3).

Adjustment Factors to 2018 Level (a)

Year of Birth	201	213	225	237	249	261	273	285	297	309	321	333	345	357
1989	1.245	1.231	1.216	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000
1990	1.231	1.216	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000	
1991	1.216	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000		
1992	1.174	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000			
1993	1.060	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000				
1994	1.052	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000					
1995	1.042	1.033	1.027	1.021	1.017	1.011	1.004	1.000						
1996	1.033	1.027	1.021	1.017	1.011	1.004	1.000							
1997	1.027	1.021	1.017	1.011	1.004	1.000								
1998	1.021	1.017	1.011	1.004	1.000									
1999	1.017	1.011	1.004	1.000										
2000	1.011	1.004	1.000											
2001	1.004	1.000												
2002	1.000													
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Notes: (a) See Appendix E, Exhibit II, Sheet 3, Column (3).

Actual Incremental Payments (a)

Year of Birth	9	21	33	45	57	69	81	93	105	117	129	141	153	165	177	189
1989			963,529	717,900	938,679	882,467	457,684	436,664	599,269	356,204	320,715	350,935	1,329,080	329,810	410,793	338,781
1990		169,697	498,595	362,553	247,719	92,595	244,060	98,619	106,910	82,420	89,296	59,449	117,713	250,822	261,538	311,198
1991		220,229	66,886	87,190	397,265	284,918	104,168	86,267	36,105	79,952	95,040	116,272	134,624	130,262	115,040	149,839
1992		19,852	473,432	924,148	707,146	375,304	319,590	250,050	253,422	218,639	232,828	296,800	401,334	359,878	255,953	359,573
1993		111,507	414,235	875,675	613,492	743,494	1,011,218	800,649	770,479	784,145	823,184	648,649	887,840	851,238	740,239	620,955
1994		358,628	835,763	310,728	356,574	785,706	301,556	324,141	269,007	112,844	63,433	697,196	64,130	79,053	127,291	162,841
1995		120,816	310,609	598,153	211,942	75,589	186,231	63,061	169,677	170,864	331,010	686,680	293,927	474,380	77,660	442,159
1996		223,865	546,896	231,296	506,227	599,425	567,931	334,683	314,450	298,351	347,620	310,608	340,006	368,440	405,922	478,256
1997		153,312	618,303	315,080	278,329	694,664	479,402	425,111	241,104	378,442	413,199	454,353	538,223	787,475	606,638	557,536
1998		425,596	674,861	976,213	558,085	459,498	1,138,666	740,742	598,714	717,785	677,426	939,278	912,591	1,133,780	1,025,520	1,205,673
1999		748,701	382,808	373,275	747,410	468,980	510,812	316,449	1,080,530	686,653	689,568	693,641	822,157	627,330	633,980	612,472
2000		811,217	96,215	727,722	377,712	218,878	197,578	156,919	171,187	175,843	282,676	237,483	245,226	331,391	280,652	278,355
2001		238,384	435,825	721,938	403,040	370,202	1,007,921	332,384	302,710	292,888	338,377	293,802	444,273	460,406	518,444	490,997
2002		247,875	646,339	861,469	790,344	776,809	1,170,575	1,116,717	999,997	903,191	926,384	1,148,331	1,306,252	1,096,036	1,083,963	966,780
2003		224,702	288,158	135,704	237,042	553,695	304,515	137,569	240,373	298,102	267,773	323,394	503,001	388,092	363,137	314,840
2004		251,252	531,712	426,042	424,803	471,513	310,464	510,187	235,527	282,570	361,702	306,641	286,254	305,618	356,818	
2005		6,777	365,603	779,264	818,926	1,072,943	811,100	749,538	474,344	491,802	429,611	478,441	485,404	536,415		
2006		112,881	419,190	585,986	794,443	1,834,561	978,025	739,856	645,268	599,382	635,805	782,867	679,818			
2007		122,431	718,444	1,167,665	917,406	985,083	1,010,707	928,028	962,764	893,120	899,248	853,576				
2008		141,962	558,176	542,846	644,671	379,796	514,683	624,567	659,210	767,573	713,482					
2009	894	495,606	716,246	973,822	825,885	547,248	558,348	874,029	1,309,974	610,269						
2010	1,063	719,710	442,691	589,094	250,778	205,989	165,477	254,933	186,674							
2011	5,143	125,394	529,139	777,147	674,060	877,564	630,613	600,897								
2012	3,952	56,504	544,957	928,697	411,207	320,080	365,161									
2013	1,253	406,948	918,202	961,788	718,518	582,928										
2014	1,372	458,651	1,094,631	929,631	1,490,934											
2015	0	126,361	897,913	1,092,152												
2016	6,107	378,201	162,050													
2017	313	428,629														
2018	5,372															
Totals:																
Latest 3	11,792	933,190	2,154,593	2,983,571	2,620,659	1,780,572	1,161,251	1,729,859	2,155,858	2,270,963	2,248,536	2,114,885	1,451,476	1,230,125	1,803,918	1,772,616
Latest 5	13,163	1,798,789	3,617,752	4,689,415	3,545,497	2,533,809	2,234,281	3,282,454	3,763,889	3,362,147	3,039,848	2,744,919	3,260,729	2,786,567	2,603,014	2,663,443
Latest 10	25,468	3,337,965	6,582,448	8,548,829	7,546,828	7,277,705	5,649,092	6,536,320	6,016,841	5,314,741	5,544,626	6,057,454	6,223,200	6,034,982	5,352,734	5,509,908
All	25,468	7,905,687	15,151,407	17,973,179	15,342,637	14,659,929	13,346,484	10,902,059	10,627,695	9,201,040	8,938,377	9,678,396	9,791,854	8,510,425	7,263,588	7,290,254

Note: (a) See actual payments as shown in Appendix E, Exhibit IV, Sheets 6a and 6b.

Actual Incremental Payments (a)

Year of Birth	201	213	225	237	249	261	273	285	297	309	321	333	345	357
1989	413,142	366,736	433,521	199,743	256,674	295,676	384,398	384,218	549,305	588,397	591,352	589,801	451,478	370,002
1990	264,558	213,674	110,626	118,463	110,232	146,385	140,601	175,858	317,394	238,573	190,600	190,565	262,343	
1991	214,636	498,295	431,937	587,717	484,979	375,232	971,738	524,541	546,859	493,790	525,715	617,392		
1992	363,421	532,766	560,222	732,623	528,389	760,816	916,136	805,588	836,817	928,252	919,659			
1993	743,142	698,188	750,099	807,644	978,109	982,517	892,131	911,408	795,494	945,773				
1994	140,802	175,865	141,746	204,569	262,668	238,249	230,922	241,776	292,464					
1995	1,299,704	327,555	544,087	569,563	699,409	617,329	717,853	541,079						
1996	372,032	330,439	449,037	351,679	385,500	457,042	498,660							
1997	1,013,936	600,065	545,820	532,003	583,819	569,872								
1998	1,397,147	1,233,805	1,269,458	1,325,809	1,385,439									
1999	581,891	463,658	516,576	330,838										
2000	270,895	322,190	345,456											
2001	438,986	516,062												
2002	1,077,934													
2003														
2004														
2005														
2006														
2007														
2008														
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2012														
2013														
2014														
2015														
2016														
2017														
2018														
Totals:														
Latest 3	1,787,816	1,301,911	2,131,490	2,188,650	2,354,759	1,644,244	1,447,434	1,694,263	1,924,775	2,367,815	1,635,974			
Latest 5	3,766,854	3,135,781	3,126,346	3,109,893	3,316,836	2,865,010	3,255,701	3,024,392	2,789,028					
Latest 10	7,336,469	5,200,593	5,554,438	5,560,910										
All	8,592,226	6,279,298	6,098,585	5,760,653	5,675,218	4,443,119	4,752,439	3,584,467	3,338,333	3,194,785	2,227,326	1,397,759	713,821	370,002

Note: (a) See actual payments as shown in Appendix E, Exhibit IV, Sheets 6a and 6b.

Paid Loss & ALAE - Actual (a)

Year of Birth	9	21	33	45	57	69	81	93	105	117	129	141	153	165	177	189
1989			963,529	1,681,429	2,620,108	3,502,575	3,960,259	4,396,923	4,996,192	5,352,396	5,673,111	6,024,046	7,353,126	7,682,936	8,093,729	8,432,510
1990		169,697	668,292	1,030,845	1,278,564	1,371,159	1,615,219	1,713,838	1,820,748	1,903,168	1,992,464	2,051,913	2,169,626	2,420,448	2,681,986	2,993,184
1991		220,229	287,115	374,305	771,570	1,056,488	1,160,656	1,246,923	1,283,028	1,362,980	1,458,020	1,574,292	1,708,916	1,839,178	1,954,218	2,104,057
1992		19,852	493,284	1,417,432	2,124,578	2,499,882	2,819,472	3,069,522	3,322,944	3,541,583	3,774,411	4,071,211	4,472,545	4,832,423	5,088,376	5,447,949
1993		111,507	525,742	1,401,417	2,014,909	2,758,403	3,769,621	4,570,270	5,340,749	6,124,894	6,948,078	7,596,727	8,484,567	9,335,805	10,076,044	10,696,999
1994		358,628	1,194,391	1,505,119	1,861,693	2,647,399	2,948,955	3,273,096	3,542,103	3,654,947	3,718,380	4,415,576	4,479,706	4,558,759	4,686,050	4,848,891
1995		120,816	431,425	1,029,578	1,241,520	1,317,109	1,503,340	1,566,401	1,736,078	1,906,942	2,237,952	2,924,632	3,218,559	3,692,939	3,770,599	4,212,758
1996		223,865	770,761	1,002,057	1,508,284	2,107,709	2,675,640	3,010,323	3,324,773	3,623,124	3,970,744	4,281,352	4,621,358	4,989,798	5,395,720	5,873,976
1997		153,312	771,615	1,086,695	1,365,024	2,059,688	2,539,090	2,964,201	3,205,305	3,583,747	3,996,946	4,451,299	4,989,522	5,776,997	6,383,635	6,941,172
1998		425,596	1,100,457	2,076,670	2,634,755	3,094,253	4,232,919	4,973,661	5,572,375	6,290,160	6,967,586	7,906,864	8,819,455	9,953,235	10,978,755	12,184,428
1999		748,701	1,131,509	1,504,784	2,252,194	2,721,174	3,231,986	3,548,435	4,628,965	5,315,618	6,005,186	6,698,827	7,520,984	8,148,314	8,782,294	9,394,765
2000		811,217	907,432	1,635,154	2,012,866	2,231,744	2,429,322	2,586,241	2,757,428	2,933,271	3,215,947	3,453,430	3,698,656	4,030,047	4,310,699	4,589,053
2001		238,384	674,209	1,396,147	1,799,187	2,169,389	3,177,310	3,509,694	3,812,404	4,105,292	4,443,669	4,737,471	5,181,744	5,642,150	6,160,594	6,651,591
2002		247,875	894,214	1,755,683	2,546,027	3,322,836	4,493,411	5,610,128	6,610,125	7,513,316	8,439,700	9,588,030	10,894,283	11,990,319	13,074,282	14,041,062
2003		224,702	512,860	648,564	885,606	1,439,301	1,743,816	1,881,385	2,121,758	2,419,860	2,687,633	3,011,028	3,514,028	3,902,120	4,265,257	4,580,097
2004		251,252	782,964	1,209,006	1,633,809	2,105,322	2,415,786	2,925,973	3,161,500	3,444,070	3,805,771	4,112,412	4,398,666	4,704,284	5,061,102	
2005		6,777	372,380	1,151,644	1,970,570	3,043,513	3,854,613	4,604,151	5,078,496	5,570,298	5,999,908	6,478,350	6,963,753	7,500,169		
2006		112,881	532,071	1,118,057	1,912,500	3,747,061	4,725,085	5,464,941	6,110,209	6,709,591	7,345,396	8,128,263	8,808,082			
2007		122,431	840,875	2,008,540	2,925,946	3,911,029	4,921,736	5,849,764	6,812,528	7,705,648	8,604,896	9,458,472				
2008		141,962	700,138	1,242,984	1,887,655	2,267,452	2,782,135	3,406,702	4,065,912	4,833,485	5,546,968					
2009	894	496,500	1,212,745	2,186,568	3,012,453	3,559,701	4,118,049	4,992,078	6,302,051	6,912,321						
2010	1,063	720,773	1,163,464	1,752,558	2,003,337	2,209,325	2,374,802	2,629,735	2,816,409							
2011	5,143	130,537	659,676	1,436,823	2,110,883	2,988,447	3,619,059	4,219,957								
2012	3,952	60,455	605,412	1,534,109	1,945,316	2,265,396	2,630,557									
2013	1,253	408,201	1,326,403	2,288,191	3,006,709	3,589,637										
2014	1,372	460,023	1,554,654	2,484,284	3,975,219											
2015	0	126,361	1,024,274	2,116,426												
2016	6,107	384,308	546,357													
2017	313	428,942														
2018	5,372															

Note: (a) See Exhibit IX, Sheets 6a, 6b, and 6c.

Paid Loss & ALAE - Actual (a)

Year of Birth	201	213	225	237	249	261	273	285	297	309	321	333	345	357
1989	8,845,652	9,212,388	9,645,909	9,845,652	10,102,326	10,398,002	10,782,400	11,166,618	11,715,923	12,304,320	12,895,672	13,485,473	13,936,951	14,306,954
1990	3,257,742	3,471,416	3,582,042	3,700,505	3,810,737	3,957,123	4,097,724	4,273,582	4,590,976	4,829,549	5,020,149	5,210,714	5,473,057	
1991	2,318,693	2,816,988	3,248,925	3,836,642	4,321,621	4,696,853	5,668,591	6,193,132	6,739,991	7,233,781	7,759,496	8,376,888		
1992	5,811,370	6,344,136	6,904,358	7,636,981	8,165,370	8,926,186	9,842,322	10,647,911	11,484,727	12,412,979	13,332,638			
1993	11,440,141	12,138,329	12,888,428	13,696,073	14,674,181	15,656,698	16,548,829	17,460,236	18,255,730	19,201,504				
1994	4,989,693	5,165,557	5,307,304	5,511,873	5,774,541	6,012,790	6,243,712	6,485,488	6,777,952					
1995	5,512,462	5,840,017	6,384,104	6,953,667	7,653,076	8,270,405	8,988,258	9,529,337						
1996	6,246,007	6,576,446	7,025,483	7,377,162	7,762,662	8,219,704	8,718,364							
1997	7,955,107	8,555,173	9,100,992	9,632,995	10,216,815	10,786,687								
1998	13,581,575	14,815,380	16,084,838	17,410,647	18,796,087									
1999	9,976,657	10,440,315	10,956,891	11,287,729										
2000	4,859,949	5,182,139	5,527,595											
2001	7,090,577	7,606,639												
2002	15,118,996													
2003														
2004														
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Note: (a) See Exhibit IX, Sheets 6a, 6b, and 6c.

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 2005	Adjusted q(x) BY 2006	Adjusted q(x) BY 2007	Adjusted q(x) BY 2008	Adjusted q(x) BY 2009	Adjusted q(x) BY 2010	Adjusted q(x) BY 2011	Adjusted q(x) BY 2012	Adjusted q(x) BY 2013	Adjusted q(x) BY 2014	Adjusted q(x) BY 2015	Adjusted q(x) BY 2016	Adjusted q(x) BY 2017	Adjusted q(x) BY 2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0	0.0139	0.0106	0.0200	0.0081	0.0097	0.0045	0.0098	0.0081	0.0157	0.0170	0.0125	0.0257	0.0323	0.1736
1	0.0142	0.0108	0.0203	0.0082	0.0098	0.0045	0.0099	0.0082	0.0159	0.0172	0.0126	0.0142	0.0239	0.0235
2	0.0145	0.0111	0.0208	0.0084	0.0099	0.0046	0.0100	0.0083	0.0161	0.0174	0.0128	0.0144	0.0132	0.0174
3	0.0148	0.0113	0.0212	0.0086	0.0101	0.0047	0.0102	0.0084	0.0163	0.0176	0.0130	0.0145	0.0133	0.0096
4	0.0151	0.0116	0.0217	0.0087	0.0103	0.0048	0.0103	0.0085	0.0166	0.0179	0.0131	0.0147	0.0135	0.0097
5	0.0154	0.0118	0.0222	0.0089	0.0106	0.0049	0.0105	0.0087	0.0168	0.0181	0.0133	0.0149	0.0137	0.0098
6	0.0157	0.0120	0.0226	0.0091	0.0108	0.0050	0.0107	0.0088	0.0170	0.0184	0.0135	0.0151	0.0139	0.0100
7	0.0160	0.0123	0.0231	0.0093	0.0110	0.0051	0.0110	0.0090	0.0173	0.0186	0.0137	0.0153	0.0141	0.0101
8	0.0163	0.0125	0.0235	0.0095	0.0113	0.0052	0.0112	0.0092	0.0177	0.0190	0.0139	0.0155	0.0143	0.0102
9	0.0166	0.0127	0.0239	0.0097	0.0115	0.0053	0.0114	0.0094	0.0181	0.0194	0.0141	0.0158	0.0145	0.0104
10	0.0169	0.0130	0.0244	0.0099	0.0117	0.0054	0.0117	0.0096	0.0185	0.0198	0.0144	0.0161	0.0147	0.0105
11	0.0172	0.0132	0.0248	0.0101	0.0119	0.0055	0.0119	0.0098	0.0189	0.0202	0.0147	0.0164	0.0149	0.0107
12	0.0175	0.0134	0.0253	0.0102	0.0121	0.0056	0.0121	0.0100	0.0193	0.0207	0.0151	0.0168	0.0152	0.0109
13	0.0178	0.0137	0.0257	0.0104	0.0124	0.0057	0.0124	0.0102	0.0197	0.0211	0.0154	0.0171	0.0156	0.0111
14	0.0182	0.0139	0.0262	0.0106	0.0126	0.0058	0.0126	0.0104	0.0200	0.0215	0.0157	0.0175	0.0159	0.0114
15	0.0185	0.0142	0.0267	0.0108	0.0128	0.0059	0.0128	0.0106	0.0204	0.0219	0.0160	0.0179	0.0163	0.0116
16	0.0189	0.0145	0.0272	0.0110	0.0130	0.0060	0.0131	0.0108	0.0208	0.0223	0.0163	0.0182	0.0166	0.0119
17	0.0194	0.0148	0.0278	0.0112	0.0133	0.0061	0.0133	0.0109	0.0212	0.0227	0.0166	0.0186	0.0170	0.0121
18	0.0198	0.0151	0.0284	0.0115	0.0135	0.0063	0.0135	0.0111	0.0216	0.0232	0.0170	0.0189	0.0173	0.0124
19	0.0202	0.0155	0.0290	0.0117	0.0138	0.0064	0.0138	0.0113	0.0219	0.0236	0.0173	0.0193	0.0176	0.0126
20	0.0207	0.0158	0.0297	0.0120	0.0141	0.0065	0.0140	0.0116	0.0223	0.0240	0.0176	0.0196	0.0179	0.0128
21	0.0212	0.0162	0.0303	0.0122	0.0144	0.0067	0.0143	0.0118	0.0228	0.0244	0.0179	0.0200	0.0182	0.0130
22	0.0217	0.0166	0.0310	0.0125	0.0148	0.0068	0.0147	0.0120	0.0232	0.0249	0.0182	0.0203	0.0186	0.0133
23	0.0222	0.0169	0.0317	0.0128	0.0151	0.0069	0.0150	0.0123	0.0237	0.0254	0.0186	0.0207	0.0189	0.0135
24	0.0227	0.0174	0.0325	0.0131	0.0154	0.0071	0.0153	0.0126	0.0242	0.0259	0.0189	0.0211	0.0192	0.0138
25	0.0233	0.0178	0.0333	0.0134	0.0158	0.0073	0.0157	0.0128	0.0247	0.0265	0.0193	0.0215	0.0196	0.0140
26	0.0239	0.0182	0.0341	0.0137	0.0162	0.0074	0.0160	0.0131	0.0253	0.0271	0.0197	0.0219	0.0200	0.0143
27	0.0245	0.0187	0.0349	0.0141	0.0165	0.0076	0.0164	0.0134	0.0259	0.0277	0.0202	0.0224	0.0204	0.0146
28	0.0252	0.0192	0.0358	0.0144	0.0170	0.0078	0.0168	0.0137	0.0264	0.0283	0.0206	0.0229	0.0208	0.0149
29	0.0259	0.0197	0.0368	0.0148	0.0174	0.0080	0.0172	0.0141	0.0271	0.0289	0.0211	0.0234	0.0213	0.0152
30	0.0267	0.0203	0.0378	0.0152	0.0178	0.0082	0.0176	0.0144	0.0277	0.0296	0.0216	0.0240	0.0218	0.0155
31	0.0275	0.0209	0.0388	0.0156	0.0183	0.0084	0.0180	0.0148	0.0284	0.0303	0.0221	0.0245	0.0223	0.0159
32	0.0284	0.0215	0.0400	0.0160	0.0188	0.0086	0.0185	0.0151	0.0291	0.0310	0.0226	0.0251	0.0228	0.0162
33	0.0293	0.0222	0.0412	0.0165	0.0193	0.0089	0.0190	0.0155	0.0298	0.0318	0.0231	0.0257	0.0233	0.0166
34	0.0303	0.0229	0.0425	0.0170	0.0199	0.0091	0.0195	0.0159	0.0305	0.0326	0.0237	0.0263	0.0238	0.0170
35	0.0313	0.0237	0.0439	0.0175	0.0205	0.0094	0.0201	0.0164	0.0314	0.0334	0.0243	0.0269	0.0244	0.0174
36	0.0325	0.0245	0.0454	0.0181	0.0211	0.0097	0.0206	0.0168	0.0322	0.0343	0.0249	0.0276	0.0250	0.0178
37	0.0337	0.0254	0.0470	0.0187	0.0218	0.0100	0.0213	0.0173	0.0331	0.0352	0.0256	0.0283	0.0257	0.0182
38	0.0350	0.0264	0.0487	0.0194	0.0226	0.0103	0.0219	0.0178	0.0341	0.0362	0.0263	0.0290	0.0263	0.0187
39	0.0364	0.0274	0.0505	0.0201	0.0234	0.0106	0.0227	0.0184	0.0351	0.0373	0.0270	0.0298	0.0270	0.0192
40	0.0379	0.0285	0.0525	0.0208	0.0242	0.0110	0.0234	0.0190	0.0362	0.0384	0.0278	0.0307	0.0277	0.0197
41	0.0394	0.0296	0.0545	0.0216	0.0251	0.0114	0.0242	0.0196	0.0374	0.0396	0.0286	0.0316	0.0285	0.0202
42	0.0411	0.0308	0.0567	0.0225	0.0261	0.0118	0.0251	0.0203	0.0387	0.0409	0.0295	0.0325	0.0294	0.0208
43	0.0428	0.0321	0.0591	0.0234	0.0271	0.0123	0.0261	0.0211	0.0400	0.0423	0.0305	0.0336	0.0303	0.0214
44	0.0447	0.0335	0.0615	0.0244	0.0282	0.0128	0.0271	0.0219	0.0415	0.0438	0.0315	0.0347	0.0312	0.0220
45	0.0468	0.0350	0.0642	0.0254	0.0294	0.0133	0.0282	0.0227	0.0431	0.0454	0.0326	0.0358	0.0322	0.0227
46	0.0489	0.0366	0.0671	0.0265	0.0306	0.0138	0.0293	0.0236	0.0447	0.0471	0.0338	0.0371	0.0333	0.0235
47	0.0513	0.0383	0.0701	0.0277	0.0319	0.0144	0.0305	0.0246	0.0465	0.0489	0.0351	0.0384	0.0345	0.0243
48	0.0537	0.0401	0.0733	0.0289	0.0334	0.0150	0.0318	0.0256	0.0484	0.0509	0.0365	0.0399	0.0357	0.0251
49	0.0564	0.0420	0.0768	0.0302	0.0349	0.0157	0.0331	0.0266	0.0503	0.0529	0.0379	0.0414	0.0371	0.0261
50	0.0593	0.0441	0.0806	0.0317	0.0365	0.0164	0.0346	0.0278	0.0525	0.0551	0.0394	0.0431	0.0385	0.0270
51	0.0624	0.0464	0.0846	0.0332	0.0382	0.0172	0.0362	0.0290	0.0547	0.0574	0.0410	0.0448	0.0401	0.0281
52	0.0658	0.0488	0.0889	0.0349	0.0401	0.0180	0.0379	0.0303	0.0572	0.0599	0.0428	0.0466	0.0417	0.0292
53	0.0694	0.0514	0.0936	0.0367	0.0421	0.0189	0.0397	0.0317	0.0598	0.0625	0.0446	0.0486	0.0434	0.0304
54	0.0732	0.0543	0.0986	0.0386	0.0442	0.0198	0.0416	0.0333	0.0625	0.0654	0.0466	0.0507	0.0452	0.0316
55	0.0772	0.0572	0.1040	0.0407	0.0465	0.0208	0.0437	0.0349	0.0655	0.0684	0.0487	0.0530	0.0471	0.0329
56	0.0814	0.0603	0.1097	0.0429	0.0490	0.0219	0.0459	0.0366	0.0687	0.0716	0.0510	0.0554	0.0492	0.0344
57	0.0861	0.0637	0.1157	0.0452	0.0517	0.0231	0.0483	0.0385	0.0721	0.0751	0.0534	0.0579	0.0515	0.0359
58	0.0911	0.0673	0.1221	0.0477	0.0546	0.0244	0.0509	0.0405	0.0758	0.0789	0.0560	0.0607	0.0538	0.0375
59	0.0966	0.0712	0.1290	0.0503	0.0575	0.0257	0.0537	0.0427	0.0798	0.0829	0.0588	0.0636	0.0564	0.0392
60	0.1026	0.0755	0.1365	0.0532	0.0607	0.0271	0.0566	0.0450	0.0841	0.0873	0.0618	0.0668	0.0591	0.0411

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 2005	Adjusted q(x) BY 2006	Adjusted q(x) BY 2007	Adjusted q(x) BY 2008	Adjusted q(x) BY 2009	Adjusted q(x) BY 2010	Adjusted q(x) BY 2011	Adjusted q(x) BY 2012	Adjusted q(x) BY 2013	Adjusted q(x) BY 2014	Adjusted q(x) BY 2015	Adjusted q(x) BY 2016	Adjusted q(x) BY 2017	Adjusted q(x) BY 2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
61	0.1091	0.0802	0.1448	0.0563	0.0641	0.0286	0.0597	0.0475	0.0887	0.0920	0.0650	0.0702	0.0621	0.0431
62	0.1162	0.0853	0.1537	0.0597	0.0679	0.0302	0.0630	0.0501	0.0935	0.0970	0.0686	0.0739	0.0653	0.0453
63	0.1240	0.0909	0.1635	0.0634	0.0720	0.0320	0.0666	0.0528	0.0986	0.1023	0.0723	0.0779	0.0687	0.0476
64	0.1323	0.0969	0.1742	0.0674	0.0765	0.0339	0.0705	0.0558	0.1041	0.1079	0.0763	0.0821	0.0724	0.0501
65	0.1413	0.1034	0.1858	0.0718	0.0813	0.0360	0.0747	0.0591	0.1100	0.1138	0.0804	0.0866	0.0764	0.0528
66	0.1511	0.1105	0.1983	0.0766	0.0866	0.0383	0.0794	0.0627	0.1164	0.1203	0.0848	0.0914	0.0805	0.0557
67	0.1618	0.1181	0.2118	0.0818	0.0924	0.0408	0.0844	0.0666	0.1234	0.1273	0.0896	0.0964	0.0849	0.0587
68	0.1735	0.1265	0.2264	0.0873	0.0986	0.0435	0.0899	0.0708	0.1311	0.1350	0.0949	0.1018	0.0896	0.0619
69	0.1863	0.1356	0.2424	0.0934	0.1053	0.0465	0.0959	0.0754	0.1394	0.1434	0.1006	0.1078	0.0947	0.0653
70	0.2002	0.1456	0.2600	0.1000	0.1126	0.0496	0.1024	0.0804	0.1485	0.1525	0.1069	0.1143	0.1003	0.0690
71	0.2154	0.1565	0.2792	0.1072	0.1206	0.0531	0.1093	0.0858	0.1584	0.1624	0.1136	0.1214	0.1063	0.0731
72	0.2320	0.1684	0.3001	0.1151	0.1293	0.0568	0.1169	0.0917	0.1691	0.1733	0.1211	0.1291	0.1129	0.0775
73	0.2500	0.1813	0.3228	0.1237	0.1388	0.0609	0.1251	0.0980	0.1806	0.1849	0.1291	0.1375	0.1201	0.0823
74	0.2695	0.1954	0.3476	0.1331	0.1492	0.0654	0.1342	0.1050	0.1931	0.1975	0.1378	0.1467	0.1279	0.0875
75	0.2907	0.2107	0.3746	0.1434	0.1606	0.0703	0.1441	0.1125	0.2067	0.2112	0.1472	0.1566	0.1364	0.0932
76	0.3136	0.2273	0.4039	0.1545	0.1729	0.0756	0.1549	0.1208	0.2217	0.2261	0.1574	0.1672	0.1456	0.0994
77	0.3384	0.2452	0.4357	0.1666	0.1863	0.0815	0.1666	0.1299	0.2380	0.2425	0.1685	0.1788	0.1555	0.1061
78	0.3651	0.2645	0.4700	0.1797	0.2009	0.0878	0.1794	0.1398	0.2558	0.2604	0.1807	0.1915	0.1663	0.1133
79	0.3937	0.2854	0.5071	0.1938	0.2167	0.0946	0.1934	0.1505	0.2752	0.2798	0.1940	0.2053	0.1780	0.1212
80	0.4244	0.3078	0.5471	0.2091	0.2338	0.1021	0.2085	0.1622	0.2964	0.3011	0.2086	0.2204	0.1909	0.1297
81	0.4570	0.3318	0.5901	0.2256	0.2522	0.1101	0.2249	0.1748	0.3194	0.3242	0.2244	0.2369	0.2050	0.1391
82	0.4911	0.3573	0.6360	0.2433	0.2721	0.1188	0.2426	0.1886	0.3444	0.3494	0.2416	0.2549	0.2203	0.1494
83	0.5265	0.3839	0.6849	0.2623	0.2934	0.1282	0.2618	0.2035	0.3714	0.3767	0.2604	0.2745	0.2370	0.1605
84	0.5632	0.4116	0.7359	0.2824	0.3163	0.1383	0.2824	0.2195	0.4007	0.4063	0.2807	0.2958	0.2552	0.1727
85	0.6013	0.4403	0.7890	0.3035	0.3406	0.1490	0.3046	0.2368	0.4324	0.4384	0.3028	0.3190	0.2751	0.1860
86	0.6411	0.4701	0.8440	0.3254	0.3660	0.1605	0.3283	0.2554	0.4664	0.4730	0.3267	0.3440	0.2966	0.2004
87	0.6646	0.5012	0.9011	0.3481	0.3924	0.1724	0.3535	0.2753	0.5031	0.5103	0.3525	0.3712	0.3199	0.2161
88	0.6646	0.5196	0.9608	0.3716	0.4197	0.1849	0.3799	0.2965	0.5422	0.5503	0.3803	0.4005	0.3451	0.2331
89	0.6646	0.5196	0.9960	0.3962	0.4481	0.1978	0.4073	0.3186	0.5839	0.5932	0.4101	0.4320	0.3723	0.2515
90	0.6646	0.5196	0.9960	0.4107	0.4778	0.2111	0.4356	0.3415	0.6274	0.6388	0.4421	0.4660	0.4017	0.2713
91	0.6646	0.5196	0.9960	0.4107	0.4953	0.2251	0.4651	0.3654	0.6727	0.6864	0.4760	0.5022	0.4332	0.2927
92	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.4960	0.3901	0.7196	0.7358	0.5115	0.5409	0.4670	0.3157
93	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4159	0.7682	0.7872	0.5484	0.5812	0.5029	0.3403
94	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8192	0.8404	0.5866	0.6230	0.5403	0.3665
95	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.8961	0.6263	0.6665	0.5793	0.3938
96	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6678	0.7116	0.6197	0.4222
97	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7588	0.6616	0.4516
98	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7055	0.4821
99	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5141
100	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
101	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
102	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
103	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
104	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
105	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
106	0.6646	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
107	1.0000	0.5196	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
108	1.0000	1.0000	0.9960	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
109	1.0000	1.0000	1.0000	0.4107	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
110	1.0000	1.0000	1.0000	1.0000	0.4953	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
111	1.0000	1.0000	1.0000	1.0000	1.0000	0.2334	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
112	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.5141	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
113	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.4311	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
114	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.8491	0.9289	0.6923	0.7865	0.7313	0.5329
115	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9289	0.6923	0.7865	0.7313	0.5329
116	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.6923	0.7865	0.7313	0.5329
117	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.7865	0.7313	0.5329
118	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.7313	0.5329
119	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.5329
120	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Note: (a) Assumed mortality rates by birth year are based on selected life expectancy as shown in Appendix E, Exhibit VII, Column (9).

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Sum of (a) Remaining Life Expectancy	Cumulative Paid (b) Loss & ALAE	Number of Years Since Date of Claim (c)	Average Annual Payment (3) / (4)	Indicated Birth Year Relativity Based on Average Annual Payment (d)	Remaining Life Expectancy X Annual Payment Relativity (e)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (7) / (2)	Current (f) Case O/S Loss & ALAE @ 9/30/18	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (9) / (2)	Average Annual Remaining Payment Relativity Based on Current Case O/S (g)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	83.51	5,743,847	109	52,551	0.718	57.79	0.692	10,873,028	130,200	0.951
1990	46.77	2,785,690	80	35,027	0.479	26.30	0.562	5,847,755	125,032	0.913
1991	111.55	8,538,179	101	84,763	1.159	128.65	1.153	18,413,777	165,072	1.205
1992	251.72	13,915,910	223	62,507	0.854	208.89	0.830	36,541,975	145,169	1.060
1993	203.42	15,279,739	184	82,884	1.133	123.91	0.609	24,128,955	118,616	0.866
1994	124.71	3,763,005	89	42,073	0.575	90.21	0.723	13,051,776	104,657	0.764
1995	150.39	9,599,210	107	89,428	1.222	176.54	1.174	22,090,018	146,885	1.073
1996	126.59	8,175,898	122	67,280	0.920	113.59	0.897	20,555,306	162,377	1.186
1997	251.74	10,229,935	149	68,506	0.936	168.97	0.671	27,335,868	108,588	0.793
1998	321.30	17,925,464	201	89,333	1.221	351.87	1.095	46,871,321	145,880	1.065
1999	72.52	3,958,141	50	79,465	1.086	77.75	1.072	14,308,861	197,309	1.441
2000	103.25	4,755,706	84	56,341	0.770	68.95	0.668	15,143,361	146,667	1.071
2001	119.92	5,805,973	57	101,503	1.388	160.92	1.342	21,306,261	177,671	1.297
2002	359.90	12,061,359	175	68,898	0.942	334.08	0.928	53,117,027	147,588	1.078
2003	66.08	3,744,868	38	99,044	1.354	92.26	1.396	13,464,395	203,759	1.488
2004	164.70	3,784,890	59	64,347	0.880	120.10	0.729	22,873,944	138,882	1.014
2005	192.06	5,600,697	77	72,821	0.995	123.13	0.641	24,789,315	129,071	0.943
2006	283.53	7,507,457	89	84,696	1.158	313.51	1.106	39,580,958	139,601	1.019
2007	157.64	8,272,261	64	128,511	1.757	264.03	1.675	28,860,329	183,077	1.337
2008	324.52	4,051,553	74	54,618	0.747	216.62	0.668	46,899,193	144,519	1.055
2009	336.50	5,520,601	75	73,657	1.007	342.09	1.017	51,520,837	153,108	1.118
2010	229.95	1,749,554	32	53,949	0.737	147.95	0.643	25,319,053	110,107	0.804
2011	340.13	3,419,877	53	64,043	0.875	280.09	0.823	43,171,903	126,928	0.927
2012	261.20	1,639,670	32	51,128	0.699	169.33	0.648	25,969,695	99,425	0.726
2013	184.46	2,952,055	28	104,794	1.433	241.55	1.309	24,494,797	132,792	0.970
2014	237.35	3,396,768	32	106,917	1.462	298.28	1.257	28,401,936	119,663	0.874
2015	190.75	1,032,349	11	94,021	1.285	234.28	1.228	21,460,921	112,508	0.822
2016	20.00	135,381	1	113,765	1.555	31.10	1.555	1,602,916	80,146	0.585
2017										
2018										
Totals / Avg.	5,316.16	175,346,036	2,397	73,152				727,995,482	136,940	

Notes: (a) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (4).
 (b) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (5).
 (c) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (6).
 (d) Based on column (5) divided by the average for all birth years.
 (e) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (9).
 (f) See Appendix E, Exhibit VI, Sheets 2a to 2g, Column (11).
 (g) Based on column (10) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 9/30/18	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1989			4.61	2,013,054	27.88	72,204	0.987	4.55		554,689	120,323	0.879
1989			36.05	1,345,271	27.21	49,440	0.676	24.36		4,369,284	121,201	0.885
1989			13.90	787,215	27.13	29,016	0.397	5.51		1,567,710	112,785	0.824
1989			28.95	1,598,307	27.08	59,022	0.807	23.36		4,381,345	151,342	1.105
Subtotals / Avg. BY 1989:			83.51	5,743,847	109.30	52,551	0.718	57.79	0.692	10,873,028	130,200	0.951
1990			20.00	1,314,696	26.79	49,074	0.671	13.42		3,338,260	166,913	1.219
1990			17.83	1,328,417	26.50	50,129	0.685	12.22		2,179,992	122,265	0.893
1990			8.94	142,577	26.24	5,434	0.074	0.66		329,503	36,857	0.269
Subtotals / Avg. BY 1990:			46.77	2,785,690	79.53	35,027	0.479	26.30	0.562	5,847,755	125,032	0.913
1991			23.30	2,437,740	26.59	91,679	1.253	29.20		4,365,114	187,344	1.368
1991			28.01	2,841,787	25.04	113,490	1.551	43.46		4,440,651	158,538	1.158
1991			42.25	1,763,182	25.00	70,527	0.964	40.73		6,866,497	162,521	1.187
1991			17.99	1,495,469	24.10	62,053	0.848	15.26		2,741,516	152,391	1.113
Subtotals / Avg. BY 1991:			111.55	8,538,179	100.73	84,763	1.159	128.65	1.153	18,413,777	165,072	1.205
1992			45.53	759,236	26.36	28,803	0.394	17.93		4,687,919	102,963	0.752
1992			18.55	2,026,327	26.12	77,578	1.060	19.67		2,981,135	160,708	1.174
1992			25.00	2,388,063	24.90	95,906	1.311	32.78		4,343,490	173,740	1.269
1992			28.93	1,696,027	24.47	69,310	0.947	27.41		4,669,082	161,392	1.179
1992			33.79	1,039,465	24.46	42,497	0.581	19.63		3,930,642	116,326	0.849
1992			17.89	335,334	24.44	13,721	0.188	3.36		2,173,382	121,486	0.887
1992			26.97	2,934,286	24.02	122,160	1.670	45.04		4,449,742	164,989	1.205
1992			27.93	1,448,425	23.93	60,528	0.827	23.11		5,223,299	187,014	1.366
1992			27.13	1,288,748	23.93	53,855	0.736	19.97		4,083,284	150,508	1.099
Subtotals / Avg. BY 1992:			251.72	13,915,910	222.63	62,507	0.854	208.89	0.830	36,541,975	145,169	1.060
1993			45.72	115,591	24.70	4,680	0.064	2.92		3,352,850	73,334	0.536
1993			30.00	752,791	23.61	31,884	0.436	13.08		4,130,855	137,695	1.006
1993			4.64	1,513,027	23.50	64,384	0.880	4.08		823,800	177,543	1.297
1993			36.39	1,462,244	23.41	62,462	0.854	31.07		5,638,735	154,953	1.132
1993			42.19	505,337	23.33	21,660	0.296	12.49		2,069,547	49,053	0.358
1993			35.00	1,604,862	23.08	69,535	0.951	33.27		5,255,534	150,158	1.097
1993			4.48	6,694,640	22.85	292,982	4.005	17.94		1,528,824	341,255	2.492
1993			5.00	2,631,247	19.87	132,423	1.810	9.05		1,328,810	265,762	1.941
Subtotals / Avg. BY 1993:			203.42	15,279,739	184.35	82,884	1.133	123.91	0.609	24,128,955	118,616	0.866

Notes: (a) As provided by NICA management evaluated as of September 30, 2018.

(b) Number of years since date of claim as shown in column (3) to September 30, 2018.

(c) Based on column (7) divided by the average for all birth years.

(d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.

(e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.

(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 9/30/18 (11)	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f) (13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1994			4.82	121,533	23.55	5,161	0.071	0.34		299,906	62,221	0.454
1994			36.25	1,187,687	22.42	52,974	0.724	26.25		4,773,297	131,677	0.962
1994			43.64	461,806	22.20	20,802	0.284	12.41		1,683,051	38,567	0.282
1994			40.00	1,991,978	21.27	93,652	1.280	51.21		6,295,523	157,388	1.149
Subtotals / Avg. BY 1994:			124.71	3,763,005	89.44	42,073	0.575	90.21	0.723	13,051,776	104,657	0.764
1995			27.07	3,287,439	22.03	149,226	2.040	55.22		4,880,714	180,300	1.317
1995			36.29	1,125,924	21.66	51,982	0.711	25.79		5,150,768	141,934	1.036
1995			14.45	1,844,937	21.52	85,731	1.172	16.93		2,423,832	167,739	1.225
1995			36.29	1,827,727	21.32	85,728	1.172	42.53		4,699,872	129,509	0.946
1995			36.29	1,513,183	20.81	72,714	0.994	36.07		4,934,832	135,983	0.993
Subtotals / Avg. BY 1995:			150.39	9,599,210	107.34	89,428	1.222	176.54	1.174	22,090,018	146,885	1.073
1996			36.32	1,179,615	22.07	53,449	0.731	26.54		6,643,353	182,912	1.336
1996			33.85	1,698,393	21.63	78,520	1.073	36.33		5,154,809	152,284	1.112
1996			15.00	2,722,689	20.94	130,023	1.777	26.66		3,284,731	218,982	1.599
1996			4.80	353,737	20.42	17,323	0.237	1.14		731,251	152,344	1.112
1996			9.34	1,673,795	18.54	90,280	1.234	11.53		1,423,384	152,397	1.113
1996			27.28	547,670	17.92	30,562	0.418	11.40		3,317,777	121,619	0.888
Subtotals / Avg. BY 1996:			126.59	8,175,898	121.52	67,280	0.920	113.59	0.897	20,555,306	162,377	1.186
1997			40.00	866,962	20.43	42,436	0.580	23.20		3,615,178	90,379	0.660
1997			45.88	138,922	20.23	6,867	0.094	4.31		1,268,498	27,648	0.202
1997			36.35	666,285	20.09	33,165	0.453	16.48		3,540,719	97,406	0.711
1997			10.00	4,392,973	19.89	220,863	3.019	30.19		1,967,913	196,791	1.437
1997			27.31	1,350,141	19.32	69,883	0.955	26.09		4,277,859	156,641	1.144
1997			36.55	1,476,553	17.00	86,856	1.187	43.40		6,033,088	165,064	1.205
1997			19.30	1,094,096	16.23	67,412	0.922	17.79		2,849,383	147,636	1.078
1997			36.35	244,003	16.14	15,118	0.207	7.51		3,783,230	104,078	0.760
Subtotals / Avg. BY 1997:			251.74	10,229,935	149.33	68,506	0.936	168.97	0.671	27,335,868	108,588	0.793
1998			17.99	1,535,105	19.92	77,063	1.053	18.95		2,267,747	126,056	0.921
1998			36.58	2,075,847	19.73	105,213	1.438	52.61		7,189,326	196,537	1.435
1998			38.81	800,440	19.58	40,880	0.559	21.69		4,038,884	104,068	0.760
1998			42.31	2,091,872	19.38	107,940	1.476	62.43		6,965,860	164,639	1.202
1998			36.58	120,192	15.26	7,876	0.108	3.94		2,370,515	64,804	0.473
1998			36.58	1,249,069	19.31	64,685	0.884	32.35		4,265,438	116,606	0.852
1998			8.91	3,639,257	18.65	195,134	2.668	23.77		2,183,209	245,029	1.789
1998			36.37	1,180,340	17.71	66,648	0.911	33.14		4,628,999	127,275	0.929
1998			27.34	2,151,093	17.31	124,269	1.699	46.44		4,991,160	182,559	1.333
1998			35.00	1,832,979	16.98	107,949	1.476	51.65		7,153,879	204,397	1.493
1998			4.83	1,249,269	16.83	74,229	1.015	4.90		816,305	169,007	1.234
Subtotals / Avg. BY 1998:			321.30	17,925,464	200.66	89,333	1.221	351.87	1.095	46,871,321	145,880	1.065

Notes: (a) As provided by NICA management evaluated as of September 30, 2018.
 (b) Number of years since date of claim as shown in column (3) to September 30, 2018.
 (c) Based on column (7) divided by the average for all birth years.
 (d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.
 (e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.
 (f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 9/30/18 (11)	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4) (12)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f) (13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1999			27.15	1,685,355	18.56	90,806	1.241	33.70		5,946,222	219,014	1.599
1999			18.00	1,287,700	16.19	79,537	1.087	19.57		4,185,790	232,544	1.698
1999			27.37	985,086	15.06	65,411	0.894	24.47		4,176,849	152,607	1.114
Subtotals / Avg. BY 1999:			72.52	3,958,141	49.81	79,465	1.086	77.75	1.072	14,308,861	197,309	1.441
2000			15.00	377,963	17.71	21,342	0.292	4.38		2,672,862	178,191	1.301
2000			13.94	1,281,142	17.46	73,376	1.003	13.98		2,282,093	163,708	1.195
2000			14.47	2,001,710	16.91	118,374	1.618	23.42		2,837,412	196,089	1.432
2000			45.77	534,365	16.37	32,643	0.446	20.42		6,484,757	141,681	1.035
2000			14.07	560,526	15.96	35,121	0.480	6.76		866,237	61,566	0.450
Subtotals / Avg. BY 2000:			103.25	4,755,706	84.41	56,341	0.770	68.95	0.668	15,143,361	146,667	1.071
2001			19.38	1,769,071	15.82	111,825	1.529	29.63		4,477,035	231,013	1.687
2001			36.44	913,582	15.51	58,903	0.805	29.34		5,284,004	145,006	1.059
2001			36.68	1,120,891	13.29	84,341	1.153	42.29		5,874,069	160,144	1.169
2001			27.42	2,002,429	12.58	159,176	2.176	59.66		5,671,153	206,825	1.510
Subtotals / Avg. BY 2001:			119.92	5,805,973	57.20	101,503	1.388	160.92	1.342	21,306,261	177,671	1.297
2002			10.00	885,353	15.87	55,788	0.763	7.63		1,052,757	105,276	0.769
2002			24.17	2,289,452	15.36	149,053	2.038	49.25		5,897,529	244,002	1.782
2002			36.71	988,664	15.31	64,576	0.883	32.41		4,433,807	120,779	0.882
2002			24.24	1,616,183	14.56	111,002	1.517	36.78		3,558,355	146,797	1.072
2002			36.47	1,280,560	14.45	88,620	1.211	44.18		4,998,161	137,049	1.001
2002			18.65	485,866	13.95	34,829	0.476	8.88		2,822,884	151,361	1.105
2002			27.21	843,960	13.68	61,693	0.843	22.95		6,140,058	225,654	1.648
2002			27.45	942,119	13.55	69,529	0.950	26.09		3,412,205	124,306	0.908
2002			9.08	114,778	13.05	8,795	0.120	1.09		299,906	33,029	0.241
2002			47.32	725,224	11.54	62,844	0.859	40.65		5,263,514	111,232	0.812
2002			23.52	730,087	11.39	64,099	0.876	20.61		5,517,899	234,605	1.713
2002			29.03	1,034,423	11.25	91,949	1.257	36.49		4,557,534	156,994	1.146
2002			46.05	124,690	11.10	11,233	0.154	7.07		5,162,417	112,105	0.819
Subtotals / Avg. BY 2002:			359.90	12,061,359	175.06	68,898	0.942	334.08	0.928	53,117,027	147,588	1.078
2003			18.04	654,109	13.18	49,629	0.678	12.24		3,563,046	197,508	1.442
2003			30.00	1,388,093	12.69	109,385	1.495	44.86		5,721,406	190,714	1.393
2003			18.04	1,702,666	11.94	142,602	1.949	35.17		4,179,943	231,704	1.692
Subtotals / Avg. BY 2003:			66.08	3,744,868	37.81	99,044	1.354	92.26	1.396	13,464,395	203,759	1.488

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(f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 9/30/18	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f) (13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2004			36.54	409,650	13.91	29,450	0.403	14.71		4,487,245	122,804	0.897
2004			20.00	1,521,843	12.88	118,156	1.615	32.30		4,305,532	215,277	1.572
2004			27.26	1,060,250	12.79	82,897	1.133	30.89		3,272,807	120,059	0.877
2004			45.90	175,995	9.63	18,276	0.250	11.47		3,248,134	70,765	0.517
2004			35.00	617,152	9.61	64,220	0.878	30.73		7,560,226	216,006	1.577
Subtotals / Avg. BY 2004:			164.70	3,784,890	58.82	64,347	0.880	120.10	0.729	22,873,944	138,882	1.014
2005			36.82	604,206	12.56	48,106	0.658	24.21		4,653,279	126,379	0.923
2005			35.00	812,167	11.83	68,653	0.938	32.85		6,611,025	188,886	1.379
2005			45.94	420,734	11.68	36,022	0.492	22.62		5,164,953	112,428	0.821
2005			4.83	1,912,352	11.01	173,692	2.374	11.47		1,002,071	207,468	1.515
2005			14.47	1,000,744	10.65	93,967	1.285	18.59		2,348,220	162,282	1.185
2005			50.00	116,290	10.10	11,514	0.157	7.87		3,895,982	77,920	0.569
2005			5.00	734,203	9.08	80,859	1.105	5.53		1,113,786	222,757	1.627
Subtotals / Avg. BY 2005:			192.06	5,600,697	76.91	72,821	0.995	123.13	0.641	24,789,315	129,071	0.943
2006			18.13	919,148	11.85	77,565	1.060	19.22		3,053,782	168,438	1.230
2006			27.58	968,245	11.35	85,308	1.166	32.16		4,249,838	154,091	1.125
2006			45.98	747,806	9.12	81,996	1.121	51.54		4,119,327	89,590	0.654
2006			27.34	2,788,918	10.10	276,130	3.775	103.20		8,142,952	297,840	2.175
2006			48.60	831,906	10.02	83,025	1.135	55.16		5,746,318	118,237	0.863
2006			15.00	352,840	9.78	36,078	0.493	7.40		2,279,035	151,936	1.110
2006			27.34	271,263	9.68	28,023	0.383	10.47		2,885,442	105,539	0.771
2006			27.58	421,653	8.93	47,218	0.645	17.80		4,027,002	146,012	1.066
2006			45.98	205,679	7.81	26,335	0.360	16.55		5,077,261	110,423	0.806
Subtotals / Avg. BY 2006:			283.53	7,507,457	88.64	84,696	1.158	313.51	1.106	39,580,958	139,601	1.019
2007			10.00	1,544,204	10.23	150,949	2.063	20.63		1,706,137	170,614	1.246
2007			15.00	814,967	9.97	81,742	1.117	16.76		1,927,545	128,503	0.938
2007			25.00	901,024	9.60	93,857	1.283	32.08		4,373,451	174,938	1.277
2007			46.25	1,247,486	9.48	131,591	1.799	83.20		9,138,969	197,599	1.443
2007			14.49	2,062,980	9.18	224,725	3.072	44.51		3,399,437	234,606	1.713
2007			10.00	953,185	8.61	110,707	1.513	15.13		1,928,998	192,900	1.409
2007			36.90	748,414	7.30	102,522	1.401	51.72		6,385,793	173,057	1.264
Subtotals / Avg. BY 2007:			157.64	8,272,261	64.37	128,511	1.757	264.03	1.675	28,860,329	183,077	1.337

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Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 9/30/18 (11)	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f) (13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2008			25.00	107,643	9.70	11,097	0.152	3.79		299,900	11,996	0.088
2008			36.93	665,599	9.50	70,063	0.958	35.37		5,940,021	160,845	1.175
2008			27.64	1,000,251	9.12	109,677	1.499	41.44		4,629,746	167,502	1.223
2008			48.63	132,285	8.65	15,293	0.209	10.17		4,798,038	98,664	0.720
2008			48.63	153,494	8.61	17,827	0.244	11.85		4,361,214	89,682	0.655
2008			27.41	1,249,680	8.34	149,842	2.048	56.15		6,471,070	236,084	1.724
2008			46.06	304,934	7.99	38,164	0.522	24.03		9,547,343	207,281	1.514
2008			24.22	210,189	7.09	29,646	0.405	9.82		4,856,780	200,528	1.464
2008			40.00	227,477	5.18	43,914	0.600	24.01		5,995,082	149,877	1.094
Subtotals / Avg. BY 2008:			324.52	4,051,553	74.18	54,618	0.747	216.62	0.668	46,899,193	144,519	1.055
2009			45.00	693,776	9.16	75,740	1.035	46.59		6,790,997	150,911	1.102
2009			28.14	712,820	8.43	84,558	1.156	32.53		4,982,967	177,078	1.293
2009			55.00	504,954	8.42	59,971	0.820	45.09		6,627,458	120,499	0.880
2009			20.00	634,267	8.30	76,418	1.045	20.89		3,575,802	178,790	1.306
2009			28.14	298,240	8.04	37,094	0.507	14.27		5,768,090	204,978	1.497
2009			30.00	492,590	7.62	64,644	0.884	26.51		6,193,401	206,447	1.508
2009			24.31	554,390	7.07	78,414	1.072	26.06		4,247,861	174,737	1.276
2009			47.50	112,350	7.07	15,891	0.217	10.32		3,746,950	78,883	0.576
2009			28.41	582,499	6.26	93,051	1.272	36.14		4,989,329	175,619	1.282
2009			30.00	934,715	4.58	204,086	2.790	83.70		4,597,982	153,266	1.119
Subtotals / Avg. BY 2009:			336.50	5,520,601	74.95	73,657	1.007	342.09	1.017	51,520,837	153,108	1.118
2010			34.07	752,421	7.51	100,189	1.370	46.66		3,967,443	116,450	0.850
2010			56.42	303,441	7.36	41,228	0.564	31.80		6,075,227	107,679	0.786
2010			47.37	124,004	6.01	20,633	0.282	13.36		4,688,609	98,978	0.723
2010			38.45	448,986	5.79	77,545	1.060	40.76		5,720,660	148,782	1.086
2010			53.64	120,701	5.76	20,955	0.286	15.37		4,867,115	90,737	0.663
Subtotals / Avg. BY 2010:			229.95	1,749,554	32.43	53,949	0.737	147.95	0.643	25,319,053	110,107	0.804
2011			29.38	633,855	7.01	90,422	1.236	36.32		4,926,017	167,666	1.224
2011			28.77	264,315	6.66	39,687	0.543	15.61		4,212,658	146,425	1.069
2011			28.93	690,203	5.98	115,419	1.578	45.65		4,423,890	152,917	1.117
2011			48.67	362,437	5.96	60,812	0.831	40.46		7,963,962	163,632	1.195
2011			38.19	213,736	5.96	35,862	0.490	18.72		5,639,828	147,678	1.078
2011			9.68	293,328	5.88	49,886	0.682	6.60		722,596	74,648	0.545
2011			48.67	285,991	4.52	63,272	0.865	42.10		5,183,940	106,512	0.778
2011			48.67	232,955	4.32	53,925	0.737	35.88		5,410,395	111,165	0.812
2011			49.33	150,698	3.76	40,079	0.548	27.03		3,041,983	61,666	0.450
2011			9.84	292,358	3.35	87,271	1.193	11.74		1,646,635	167,341	1.222
Subtotals / Avg. BY 2011:			340.13	3,419,877	53.40	64,043	0.875	280.09	0.823	43,171,903	126,928	0.927

Notes: (a) As provided by NICA management evaluated as of September 30, 2018.
 (b) Number of years since date of claim as shown in column (3) to September 30, 2018.
 (c) Based on column (7) divided by the average for all birth years.
 (d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.
 (e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.
 (f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 9/30/18	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (11) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f) (13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2012			38.86	393,370	6.09	64,593	0.883	34.31		7,064,378	181,790	1.328
2012			19.41	445,379	6.09	73,133	1.000	19.40		1,942,527	100,079	0.731
2012			48.33	138,173	4.73	29,212	0.399	19.30		3,813,312	78,902	0.576
2012			55.00	140,486	4.40	31,929	0.436	24.01		4,468,036	81,237	0.593
2012			40.00	337,614	3.60	93,782	1.282	51.28		3,642,577	91,064	0.665
2012			30.00	168,398	3.60	46,777	0.639	19.18		4,639,028	154,634	1.129
2012			29.60	16,250	3.56	4,565	0.062	1.85		399,837	13,508	0.099
Subtotals / Avg. BY 2012:			261.20	1,639,670	32.07	51,128	0.699	169.33	0.648	25,969,695	99,425	0.726
2013			10.00	633,444	5.60	113,115	1.546	15.46		1,684,782	168,478	1.230
2013			30.02	351,258	5.07	69,282	0.947	28.43		5,494,615	183,032	1.337
2013			29.63	292,130	4.48	65,208	0.891	26.41		3,693,593	124,657	0.910
2013			24.81	471,293	3.68	128,069	1.751	43.44		2,255,039	90,892	0.664
2013			20.00	496,153	3.65	135,932	1.858	37.16		3,724,508	186,225	1.360
2013			20.00	553,777	3.42	161,923	2.214	44.27		2,755,852	137,793	1.006
2013			50.00	154,001	2.27	67,842	0.927	46.37		4,886,408	97,728	0.714
Subtotals / Avg. BY 2013:			184.46	2,952,055	28.17	104,794	1.433	241.55	1.309	24,494,797	132,792	0.970
2014			11.49	712,283	4.17	170,811	2.335	26.83		1,665,955	144,992	1.059
2014			30.45	254,914	4.12	61,872	0.846	25.75		3,515,346	115,447	0.843
2014			15.00	474,196	3.70	128,161	1.752	26.28		2,238,911	149,261	1.090
2014			10.00	515,178	3.47	148,466	2.030	20.30		1,622,031	162,203	1.184
2014			20.00	232,110	3.42	67,868	0.928	18.56		1,351,989	67,599	0.494
2014			30.45	444,448	3.27	135,917	1.858	56.58		3,994,732	131,190	0.958
2014			30.06	343,321	2.73	125,759	1.719	51.68		3,950,193	131,410	0.960
2014			39.90	12,949	2.55	5,078	0.069	2.77		4,796,235	120,206	0.878
2014			30.00	304,941	2.22	137,361	1.878	56.33		3,504,882	116,829	0.853
2014			20.00	102,430	2.12	48,316	0.660	13.21		1,761,660	88,083	0.643
Subtotals / Avg. BY 2014:			237.35	3,396,768	31.77	106,917	1.462	298.28	1.257	28,401,936	119,663	0.874
2015			40.00	129,103	2.63	49,088	0.671	26.84		3,432,331	85,808	0.627
2015			20.75	349,908	2.42	144,590	1.977	41.01		3,001,352	144,643	1.056
2015			20.00	184,452	2.08	88,679	1.212	24.25		2,271,187	113,559	0.829
2015			40.00	109,595	1.39	78,845	1.078	43.11		4,104,956	102,624	0.749
2015			40.00	111,568	1.29	86,486	1.182	47.29		4,547,260	113,682	0.830
2015			30.00	147,724	1.17	126,260	1.726	51.78		4,103,834	136,794	0.999
Subtotals / Avg. BY 2015:			190.75	1,032,349	10.98	94,021	1.285	234.28	1.228	21,460,921	112,508	0.822

Notes: (a) As provided by NICA management evaluated as of September 30, 2018.
 (b) Number of years since date of claim as shown in column (3) to September 30, 2018.
 (c) Based on column (7) divided by the average for all birth years.
 (d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.
 (e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.
 (f) Based on column (12) divided by the average for all birth years.

Development of Average Annual Remaining Payments Relativity

All Open Accepted Claims (AAA Only) with Life Expectancy

Birth Year	Claim #	Date of Claim	Remaining Life (a) Expectancy	Cumulative Paid (a) Loss & ALAE	Number of Years Since Date of Claim (b)	Average Annual Payment (5) / (6)	Indicated (c) Birth Year Relativity Based on Average Annual Payment	Remaining Life Expectancy X Annual Payment Relativity (d) (4) x (8)	Average Annual Remaining Payment Relativity Based on Cumulative Payments to Date (e) (9) / (4)	Current (a) Case O/S Loss & ALAE @ 9/30/18 (11)	Average Annual Remaining Payment Based on Case O/S & Life Expectancy (12) / (4)	Average Annual Remaining Payment Relativity Based on Current Case O/S (f) (13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2016			20.00	135,381	1.19	113,765	1.555	31.10		1,602,916	80,146	0.585
Subtotals / Avg. BY 2016:			20.00	135,381	1.19	113,765	1.555	31.10	1.555	1,602,916	80,146	0.585
Totals / Averages:			5,316.16	175,346,036	2,397.00	73,152				727,995,482	136,940	

- Notes: (a) As provided by NICA management evaluated as of September 30, 2018.
 (b) Number of years since date of claim as shown in column (3) to September 30, 2018.
 (c) Based on column (7) divided by the average for all birth years.
 (d) Average annual payment relativity shown in column (8) is based on payments to date. This relativity is adjusted to account for expected difference in duration of remaining payments.
 (e) Average annual remaining payment relativity based on payments to date after adjustment for expected difference in weight required for remaining average due to difference in estimated remaining life expectancy.
 (f) Based on column (12) divided by the average for all birth years.

A. Adjustment for Life Expectancy (a) **1.250**

Birth Year	Accepted Claim Counts AAA with life expectancy			Average Life Expectancy				After (a) Adjustment Selected Remaining Life Expectancy (8) x A
	Reported Counts (b)	Ultimate Counts (c)	IBNR (3) - (2)	Actual Birth Year	All Birth Years	Indicated (d) Average Life Expectancy	Selected (e) Average Life Expectancy	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989				20.88			20.88	26.10
1990				15.59			15.59	19.49
1991				27.89			27.89	34.86
1992				27.97			27.97	34.96
1993				25.43			25.43	31.79
1994				31.18			31.18	38.98
1995				30.08			30.08	37.60
1996				21.10			21.10	26.38
1997				31.47			31.47	39.34
1998				29.21			29.21	36.51
1999				24.17			24.17	30.21
2000				20.65			20.65	25.81
2001				29.98			29.98	37.48
2002				27.68			27.68	34.60
2003				22.03			22.03	27.54
2004				32.94			32.94	41.18
2005				27.44			27.44	34.30
2006				31.50			31.50	39.38
2007				22.52			22.52	28.15
2008				36.06			36.06	45.08
2009				33.65			33.65	42.06
2010				45.99			45.99	57.49
2011				34.01			34.01	42.51
2012				37.31			37.31	46.64
2013	7	9	2	26.35	29.05	26.95	27.00	33.75
2014	10	14	4	23.74	29.05	25.26	26.00	32.50
2015	6	14	8	31.79	29.05	30.22	31.00	38.75
2016	1	9	8	20.00	29.05	28.04	29.00	36.25
2017	-	13	13	-	29.05	29.05	30.00	37.50
2018	-	11	11	-	29.05	29.05	30.00	37.50

- Notes: (a) Final selected remaining life expectancy estimated to include consideration of increased life expectancy over time by 0.2 per year.
(b) Based on AAA claims with life expectancy.
(c) See Exhibit X, Sheet 1a, Column (10) minus Column (3).
(d) Based on the formula: $\{[(5) \times (2)] + [(6) \times (4)]\} / (3)$.
(e) For birth years 2012 and prior, it is based on actual average remaining life expectancy by birth year as shown in column (5). For birth years 2013 and subsequent, see column (7).