

**FLORIDA BIRTH RELATED NEUROLOGICAL INJURY  
COMPENSATION ASSOCIATION  
REVIEW OF OUTSTANDING LOSS RESERVES  
EVALUATED AS OF DECEMBER 31, 2017**

**Turner Consulting, Inc.  
June, 2018**

**TURNER CONSULTING, INC.**  
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June 6, 2018

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

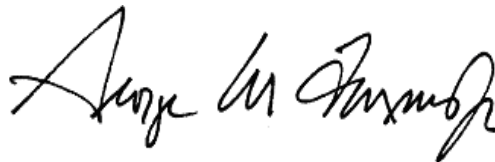
Re: NICA Outstanding Loss Reserves – Evaluated as of December 31, 2017

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 December 31, 2017.

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 December 31, 2017. The loss and LAE reserve estimates are developed on both a current (2017) 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 December 31, 2017. 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 December 31, 2017. 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 December 31, 2017. 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 December 31, 2017 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 prior NICA reports. In 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 was 7.49 % and 6.67 %, respectively, through December 31, 2017. 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 \$827.2 million as of December 31, 2017 (see Exhibit I, Sheet 1a, Column (7)). This increased by \$8.01 million relative to the estimate as of September 30, 2017. The comparable estimate of outstanding loss and LAE reserves after consideration of calculated reinsurance recoveries is \$805.0 million (see Exhibit I, Sheet 4a, Column (12)). The change relative to the estimate shown in the prior report (i.e. September 30, 2017) is an increase of \$24.74 million. The comparable estimates of outstanding loss and ALAE reserves, excluding the consideration of ULAE reserves, are \$814.4 million and \$792.3 million, respectively.

Total case outstanding loss and ALAE reserves prior to adjustment for prospective inflation and discount increased by \$9.54 million during the quarter ending December 31, 2017. This includes an increase in case reserves of \$1.57 million related to new claims first reported during the quarter. Thus in the aggregate, case reserves established on claims reported prior to October 1, 2017 increased by \$7.97 million relative to the case loss and ALAE reserves established as of September 30, 2017 (\$9.54 M minus \$1.57 M = \$7.97 M). The comparable estimate of case outstanding loss and ALAE reserves after inflation and discount increased by \$6.66 million during the quarter ending December 31, 2017.

The estimated ultimate loss and ALAE prior to reinsurance recoveries and after inflation and discount related to claims incurred in birth years 2016 and prior increased by \$1.15 million relative to the estimates as set forth in the September 30, 2017 report. Due to the addition of another quarter, estimated ultimate loss and

ALAE related to birth year 2017 increased by \$11.15 million. In combination, the estimated ultimate loss and ALAE increased by \$12.30 million during the quarter ( $\$1.15 \text{ M} + \$11.15 \text{ M} = \$12.30 \text{ M}$ ). Total loss and ALAE payments made during the quarter was \$4.32 million. Since estimated ultimate loss and ALAE increased by \$12.30 million and loss payments were \$4.32 million, the total outstanding loss and ALAE increased by \$7.99 million relative to the estimates as set forth in the September 30, 2017 report ( $\$12.30 \text{ M} - \$4.32 \text{ M} = \$7.99 \text{ M}$ ).

The calculated reinsurance recoveries decreased by approximately \$16.73 million relative to the estimates as set forth in the September 30, 2017 report (from \$38.83 million to \$22.11 million). Since the estimated ultimate loss and ALAE prior to reinsurance recoveries increased by \$12.30 million and the reinsurance recoveries decreased by \$16.73 million, overall estimated ultimate loss and ALAE increased by \$29.03 million during the quarter ( $\$12.30 \text{ M} - \$16.73 \text{ M} = \$29.03 \text{ M}$ ). Thus as mentioned above, since loss and ALAE payments during the quarter was \$4.32 million, the total outstanding loss and ALAE increased by \$24.71 million relative to the estimates as set forth in the September 30, 2017 report ( $\$29.03 \text{ M} - \$4.32 \text{ M} = \$24.71 \text{ M}$ ). The overall change in estimates of ultimate loss and ALAE after inflation and discount during the quarter ending December 31, 2017 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		
	@ 12/31/17	@ 9/30/17	Change (2) - (3)	@ 12/31/17	@ 9/30/17	Change (5) - (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	25,964,034	26,147,596	(183,562)	25,964,034	26,147,596	(183,562)
1990	12,789,992	10,945,642	1,844,350	12,789,992	10,945,642	1,844,350
1991	25,047,376	25,679,684	(632,308)	25,047,376	25,679,684	(632,308)
1992	48,119,766	47,386,572	733,193	47,642,391	46,909,197	733,193
1993	43,010,446	43,357,624	(347,178)	21,602,381	21,949,559	(347,178)
1994	19,083,459	18,596,709	486,749	16,933,250	16,446,501	486,749
1995	29,702,005	28,730,245	971,760	26,829,428	25,857,668	971,760
1996	27,972,026	28,618,499	(646,474)	26,603,553	27,250,026	(646,474)
1997	36,234,683	36,299,963	(65,280)	33,678,204	33,743,484	(65,280)
1998	61,025,424	62,724,785	(1,699,361)	58,342,286	60,041,646	(1,699,361)
1999	26,214,859	24,803,668	1,411,191	20,331,711	18,099,154	2,232,557
2000	19,495,776	18,233,459	1,262,316	17,202,523	16,082,612	1,119,911
2001	25,986,782	25,599,832	386,951	23,135,968	22,891,422	244,546
2002	62,535,820	63,244,866	(709,047)	42,857,523	30,348,449	12,509,074
2003	17,106,855	15,357,342	1,749,513	15,106,492	10,383,426	4,723,067
2004	25,376,483	24,518,218	858,265	25,376,483	24,518,218	858,265
2005	30,379,108	31,225,605	(846,496)	30,379,108	31,225,605	(846,496)
2006	45,855,599	45,868,327	(12,728)	45,855,599	45,868,327	(12,728)
2007	38,254,985	39,495,042	(1,240,056)	38,254,985	39,495,042	(1,240,056)
2008	46,953,609	48,474,249	(1,520,639)	46,953,609	48,474,249	(1,520,639)
2009	55,417,658	52,283,801	3,133,857	55,417,658	52,283,801	3,133,857
2010	26,463,338	25,380,138	1,083,200	26,463,338	25,380,138	1,083,200
2011	46,583,905	46,077,804	506,101	46,583,905	46,077,804	506,101
2012	28,754,324	26,074,922	2,679,403	28,754,324	26,074,922	2,679,403
2013	36,709,393	35,441,137	1,268,255	36,709,393	35,441,137	1,268,255
2014	48,382,677	49,015,010	(632,332)	48,382,677	49,015,010	(632,332)
2015	43,925,745	47,249,311	(3,323,566)	43,925,745	47,249,311	(3,323,566)
2016	37,786,424	43,151,819	(5,365,395)	37,786,424	43,151,819	(5,365,395)
2017	46,007,205	34,855,622	11,151,583	46,007,205	34,855,622	11,151,583
Totals All	1,037,139,753	1,024,837,490	12,302,263	970,917,565	941,887,071	29,030,494
1989 - 2016	991,132,549	989,981,868	1,150,681	924,910,360	907,031,449	17,878,911

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 December 31, 2017 is developed on Exhibit I, Sheets 5a and 5b. The present value of the ULAE reserve estimate as of December 31, 2017 is \$12.78 million. The ULAE reserve estimate is comprised of two elements. The first (\$11.83 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 December 31, 2017. 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 (2017) 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 (2017) 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 348 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 \$829.6 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 December 31, 2017.

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 December 31, 2017.

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 2a, 2b and 2c. The historical loss payments and case reserve amounts are adjusted to eliminate the estimated



impact of inflation. The paid and case outstanding loss information after adjustment to eliminate the impact of inflation is shown in Exhibit IX, Sheets 1a, 1b and 1c. The paid and case reserve amounts shown on Exhibit IX, Sheets 1a, 1b and 1c 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, 2b and 2c, and Exhibit VII, Sheets 2a, 2b and 2c, 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 (2017) 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 2017 cost level is shown in Exhibit III.

The final or “third” step in the three step loss reserve estimation process is to adjust the 2017 cost level loss reserve estimates referenced above to include the estimated impact of prospective inflation (2017 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 (2017) 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 2017 cost level payment patterns for each birth year are shown in Appendix A, Exhibit I, Sheets 1a, 1b, 2a and 2b. An example of the calculation of the 2017 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 2017 level loss and ALAE reserves by birth year and the assumed 2017 level payment pattern applicable to each birth year. The loss and ALAE reserves on a 2017 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 5a, 5b and 5c 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 December 31, 2017 (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, 2b and 2c 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 2017 level NICA pure premium is calculated by dividing the 2017 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 2017 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 December 31, 2017 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 December 31, 2017). 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 2017 level and used to estimate the average incremental payment per open accepted claim by development period (See Appendix E, Exhibit IV, Sheets 2a and 2b). The selected 2017 level average incremental loss and ALAE payments for development periods 348 months and subsequent are based on the actual averages for development periods prior to 348 months adjusted to include consideration of estimated changes in utilization (alternatives of 1.00%, 2.00% and 3.00%). The final 2017 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 2017 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 December 31, 2017 (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 1 and 2) 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 Item II of Appendix E, Exhibit III, Sheets 2a, 2b, 2c and 2d. The remaining birth year level incremental loss and ALAE payments are developed as a product of the average 2017 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 Item II of Appendix E, Exhibit III, Sheets 1a, 1b, 1c, 1d and 1e. A summary of the combination of the actual birth year level payments as of December 31, 2017 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 – 348 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.

<b>Inflation Rate</b>	<b>Investment Return</b>	<b>Tail Factor 348:Ult.</b>	<b>Present Value Outstanding Loss and ALAE Reserve in Million (\$)</b>
-----	-----	-----	-----
3.50%	5.00%	1.105	\$814.374
3.00%	5.00%	1.105	\$736.877
4.00%	5.00%	1.105	\$905.069
7.50%	9.00%	1.105	\$823.665
3.50%	5.00%	1.205	\$904.040
3.50%	5.00%	1.005	\$725.038

As mentioned previously and illustrated above the final present value loss and ALAE reserve estimated for the period ending December 31, 2017 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 December 31, 2017 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 \$12.78 million is the combination of the portion related to claim settlement (\$11.83 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, Sheet 1. 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 December 31, 2017. 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 (2017) 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 (12) 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 (13) 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 (2017) 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 (2017) 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 is shown in Appendix A for birth year 1996. 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 2017) 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 348 months of maturity (1989 birth year evaluated as of December 31, 2017) and the likelihood of continued incurred loss and expense development in the development periods subsequent to 348 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, Sheets 2a, 2b and 2c. Fitted tail factors for the period from 348 to 612 months are developed based on alternative fits to factors beginning with the 48:60, 60:72 and 72:84 month factors shown in Exhibit VII, Sheets 2a, 2b and 2c. 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 48:60, 60:72 and 72:84 month factors. A summary of the indicated 348 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 1.105 is shown in Appendix C, Exhibit I.

An illustration of the development of fitted values and the calculation of the indicated 348 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.



<b>Confidence Level</b>	<b>Indicated Gross Risk Margin</b>
-----	-----
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 prior reports 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 go 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 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. December 31, 2017). 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 December 31, 2017 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 December 31, 2017 will require adjustment.

Summary of Estimated Outstanding Loss & Expense  
Before and After Consideration of Prospective Period Inflation and Anticipated Investment IncomePrior to Consideration of Reinsurance Recoveries / Recoverables  
Evaluated As of December 31, 2017

## Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 348 to Ult.	1.105

Birth Year	Current Level Before Inflation and Present Value Adjust.		Actual (b) Paid Loss and Expense	Loss & Expense - After Inflation and Present Value Adjustment			Selected Ultimate Loss and Expense Present Value Basis (4) + (7)
	Case (a) Outstanding	Total (a) Outstanding		Case (a) Outstanding	Incurred But Not Reported (IBNR) & Bulk (7) - (5)	Total (a) Outstanding	
	(1)	(2)		(3)	(4)	(5)	
1989	11,174,156	14,979,663	14,267,027	8,725,442	2,971,565	11,697,007	25,964,034
1990	6,061,758	8,210,228	6,017,106	5,000,543	1,772,343	6,772,886	12,789,992
1991	18,876,339	21,623,514	8,706,421	14,264,907	2,076,049	16,340,956	25,047,376
1992	37,237,017	43,690,006	14,588,741	28,578,512	4,952,513	33,531,025	48,119,766
1993	24,867,593	31,156,923	19,373,096	18,865,920	4,771,431	23,637,351	43,010,446
1994	13,271,661	16,488,406	7,192,264	9,571,326	2,319,869	11,891,195	19,083,459
1995	22,492,104	25,908,631	10,038,156	17,070,811	2,593,038	19,663,849	29,702,005
1996	20,941,023	24,406,312	9,129,668	16,167,057	2,675,300	18,842,358	27,972,026
1997	27,769,152	32,799,513	11,977,563	20,536,880	3,720,240	24,257,120	36,234,683
1998	47,930,180	55,888,538	19,760,086	35,389,280	5,876,058	41,265,339	61,025,424
1999	14,568,283	18,392,826	11,901,286	11,337,255	2,976,317	14,313,572	26,214,859
2000	15,423,058	18,248,551	5,837,741	11,543,698	2,114,336	13,658,034	19,495,776
2001	21,708,067	24,874,928	7,320,379	16,289,958	2,376,445	18,666,403	25,986,782
2002	53,956,008	63,733,369	15,119,824	40,141,889	7,274,106	47,415,995	62,535,820
2003	13,692,280	16,126,298	4,352,130	10,829,594	1,925,131	12,754,725	17,106,855
2004	23,164,682	27,979,864	4,770,134	17,060,109	3,546,240	20,606,349	25,376,483
2005	25,193,412	32,809,045	7,095,668	17,878,890	5,404,551	23,283,441	30,379,108
2006	40,080,691	51,017,788	8,325,390	29,484,554	8,045,655	37,530,209	45,855,599
2007	29,469,040	39,224,414	8,849,635	22,092,043	7,313,308	29,405,351	38,254,985
2008	47,421,717	60,366,825	5,061,580	32,908,671	8,983,359	41,892,029	46,953,609
2009	52,019,236	68,028,717	6,451,376	37,442,842	11,523,439	48,966,282	55,417,658
2010	25,496,051	34,485,989	2,674,347	17,587,586	6,201,404	23,788,990	26,463,338
2011	43,596,523	62,541,899	3,794,991	29,827,170	12,961,744	42,788,914	46,583,905
2012	26,339,926	38,874,869	2,323,849	17,908,145	8,522,331	26,430,476	28,754,324
2013	27,520,761	49,603,130	3,154,345	18,616,979	14,938,069	33,555,048	36,709,393
2014	36,263,405	67,570,845	2,940,791	24,387,404	21,054,482	45,441,886	48,382,677
2015	23,963,125	63,579,093	1,346,365	16,048,279	26,531,101	42,579,379	43,925,745
2016	2,798,592	56,133,941	390,803	1,864,382	35,531,239	37,395,621	37,786,424
2017	215,386	69,642,900	5,229	142,271	45,859,705	46,001,976	46,007,205
Totals:							
Excl. ULAE	753,511,226	1,138,387,025	222,765,989	547,562,397	266,811,367	814,373,764	1,037,139,753
ULAE (c)	N/A	N/A	N/A	-	12,776,237	12,776,237	N/A
Incl. ULAE	N/A	N/A	N/A	547,562,397	279,587,604	827,150,001	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 December 31, 2017

Birth Year	Incurring Amounts Related to Retroactive Payments (a) @ 12/31/17	Amounts Paid as of 12/31/17 Related to Retroactive Payments (a)	Case Reserves Related to Retroactive Payments (a) @ 12/31/17 (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	-	-	-
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 December 31, 2017

Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 348 to Ult.	1.105

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

Birth Year	Current Level Before Inflation and Present Value Adjust.		Actual (b) Paid Loss and Expense	Loss & Expense - After Inflation and Present Value Adjustment			Selected Ultimate Loss and Expense Present Value Basis (4) + (7)	Average Inflation & Present Value Factor (7) / (3)
	Case (b) Outstanding	Total (b) Outstanding		Case (c) Outstanding (2) X (9)	Incurred But Not Reported (IBNR) & Bulk (7) - (5)	Total (c) Outstanding (7)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	11,174,156	14,979,663	14,005,813	8,725,442	2,971,565	11,697,007	25,702,820	0.78086
1990	6,061,758	8,210,228	5,259,055	5,000,543	1,772,343	6,772,886	12,031,941	0.82493
1991	18,876,339	21,623,514	7,914,327	14,264,907	2,076,049	16,340,956	24,255,282	0.75570
1992	37,237,017	43,690,006	12,637,596	28,578,512	4,952,513	33,531,025	46,168,621	0.76748
1993	24,867,593	31,156,923	18,462,866	18,865,920	4,771,431	23,637,351	42,100,217	0.75865
1994	13,271,661	16,488,406	6,558,068	9,571,326	2,319,869	11,891,195	18,449,263	0.72119
1995	22,492,104	25,908,631	9,127,251	17,070,811	2,593,038	19,663,849	28,791,100	0.75897
1996	20,941,023	24,406,312	8,332,647	16,167,057	2,675,300	18,842,358	27,175,005	0.77203
1997	27,769,152	32,799,513	10,353,402	20,536,880	3,720,240	24,257,120	34,610,522	0.73956
1998	47,930,180	55,888,538	17,753,456	35,389,280	5,876,058	41,265,339	59,018,795	0.73835
1999	14,568,283	18,392,826	11,027,705	11,337,255	2,976,317	14,313,572	25,341,278	0.77821
2000	15,413,058	18,238,551	5,247,834	11,533,698	2,114,336	13,648,034	18,895,868	0.74831
2001	21,708,067	24,874,928	7,204,833	16,289,958	2,376,445	18,666,403	25,871,235	0.75041
2002	53,956,008	63,733,369	14,279,238	40,141,889	7,274,106	47,415,995	61,695,233	0.74397
2003	13,692,280	16,126,298	4,352,130	10,829,594	1,925,131	12,754,725	17,106,855	0.79093
2004	23,164,682	27,979,864	4,770,134	17,060,109	3,546,240	20,606,349	25,376,483	0.73647
2005	25,193,412	32,809,045	7,095,668	17,878,890	5,404,551	23,283,441	30,379,108	0.70967
2006	40,080,691	51,017,788	8,325,390	29,484,554	8,045,655	37,530,209	45,855,599	0.73563
2007	29,469,040	39,224,414	8,849,635	22,092,043	7,313,308	29,405,351	38,254,985	0.74967
2008	47,421,717	60,366,825	5,061,580	32,908,671	8,983,359	41,892,029	46,953,609	0.69396
2009	52,019,236	68,028,717	6,451,376	37,442,842	11,523,439	48,966,282	55,417,658	0.71979
2010	25,496,051	34,485,989	2,674,347	17,587,586	6,201,404	23,788,990	26,463,338	0.68982
2011	43,596,523	62,541,899	3,794,991	29,827,170	12,961,744	42,788,914	46,583,905	0.68416
2012	26,339,926	38,874,869	2,323,849	17,908,145	8,522,331	26,430,476	28,754,324	0.67989
2013	27,520,761	49,603,130	3,154,345	18,616,979	14,938,069	33,555,048	36,709,393	0.67647
2014	36,263,405	67,570,845	2,940,791	24,387,404	21,054,482	45,441,886	48,382,677	0.67251
2015	23,963,125	63,579,093	1,346,365	16,048,279	26,531,101	42,579,379	43,925,745	0.66971
2016	2,798,592	56,133,941	390,803	1,864,382	35,531,239	37,395,621	37,786,424	0.66619
2017	215,386	69,642,900	5,229	142,271	45,859,705	46,001,976	46,007,205	0.66054
Totals:								
Excl. ULAE	753,501,226	1,138,377,025	209,700,723	547,552,397	266,811,367	814,363,764	1,024,064,487	0.71537
ULAE (d)	N/A	N/A	N/A	-	12,776,237	12,776,237	N/A	N/A
Incl. ULAE	N/A	N/A	N/A	547,552,397	279,587,604	827,140,001	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 December 31, 2017

## Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 348 to Ult.	1.105

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 12/31/17 ----- (2)	Case Outstanding Loss & ALAE @ 12/31/17 ----- (3)	Bulk / IBNR Loss & ALAE @ 12/31/17 (2) - (3) ----- (4)
<b>I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments</b>			
A. 2017 Level Basis (a)	1,138,377,025	753,501,226	384,875,798
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	3,378,282,533	N/A	N/A
2. After Anticipated Investment Returns (b)	814,363,764	547,552,397	266,811,367
<b>II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)</b>			
A. 2017 Level Basis (d)	1,138,387,025	753,511,226	384,875,798
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	3,378,292,533	N/A	N/A
2. After Anticipated Investment Returns (d)	814,373,764	547,562,397	266,811,367

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 December 31, 2017

## Assumptions :

(1) Prospective Inflation Rate (Est.)	3.00%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 348 to Ult.	1.105

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 12/31/17 ----- (2)	Case Outstanding Loss & ALAE @ 12/31/17 ----- (3)	Bulk / IBNR Loss & ALAE @ 12/31/17 (2) - (3) ----- (4)
<b>I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments</b>			
A. 2017 Level Basis (a)	1,138,377,025	753,501,226	384,875,798
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	2,818,427,767	N/A	N/A
2. After Anticipated Investment Returns (b)	736,867,021	497,657,179	239,209,841
<b>II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)</b>			
A. 2017 Level Basis	1,138,387,025	753,511,226	384,875,798
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	2,818,437,767	N/A	N/A
2. After Anticipated Investment Returns	736,877,021	497,667,179	239,209,841

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 December 31, 2017

## Assumptions :

(1) Prospective Inflation Rate (Est.)	4.00%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 348 to Ult.	1.105

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 12/31/17 ----- (2)	Case Outstanding Loss & ALAE @ 12/31/17 ----- (3)	Bulk / IBNR Loss & ALAE @ 12/31/17 (2) - (3) ----- (4)
<b>I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments</b>			
A. 2017 Level Basis (a)	1,138,377,025	753,501,226	384,875,798
<b>B. Prospective Period Cost Basis</b>			
1. Before Anticipated Investment Returns (b)	4,085,897,534	N/A	N/A
2. After Anticipated Investment Returns (b)	905,059,305	605,604,322	299,454,982
<b>II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)</b>			
A. 2017 Level Basis	1,138,387,025	753,511,226	384,875,798
<b>B. Prospective Period Cost Basis</b>			
1. Before Anticipated Investment Returns	4,085,907,534	N/A	N/A
2. After Anticipated Investment Returns	905,069,305	605,614,322	299,454,982

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 December 31, 2017

## Assumptions :

(1) Prospective Inflation Rate (Est.)	7.50%
(2) Prospective Investment Return (Est.)	9.00%
(3) Incurred Loss Development Factor - 348 to Ult.	1.105

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 12/31/17 ----- (2)	Case Outstanding Loss & ALAE @ 12/31/17 ----- (3)	Bulk / IBNR Loss & ALAE @ 12/31/17 (2) - (3) ----- (4)
<b>I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments</b>			
A. 2017 Level Basis (a)	1,138,377,025	753,501,226	384,875,798
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	19,708,054,493	N/A	N/A
2. After Anticipated Investment Returns (b)	823,655,041	553,515,792	270,139,249
<b>II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)</b>			
A. 2017 Level Basis	1,138,387,025	753,511,226	384,875,798
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	19,708,064,493	N/A	N/A
2. After Anticipated Investment Returns	823,665,041	553,525,792	270,139,249

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 December 31, 2017

## Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 348 to Ult.	1.205

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 12/31/17 ----- (2)	Case Outstanding Loss & ALAE @ 12/31/17 ----- (3)	Bulk / IBNR Loss & ALAE @ 12/31/17 (2) - (3) ----- (4)
<b>I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments</b>			
A. 2017 Level Basis (a)	1,266,791,990	753,501,226	513,290,763
<b>B. Prospective Period Cost Basis</b>			
1. Before Anticipated Investment Returns (b)	3,780,010,691	N/A	N/A
2. After Anticipated Investment Returns (b)	904,030,282	546,481,730	357,548,552
<b>II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)</b>			
A. 2017 Level Basis	1,266,801,990	753,511,226	513,290,763
<b>B. Prospective Period Cost Basis</b>			
1. Before Anticipated Investment Returns	3,780,020,691	N/A	N/A
2. After Anticipated Investment Returns	904,040,282	546,491,730	357,548,552

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 December 31, 2017

## Assumptions :

(1) Prospective Inflation Rate (Est.)	3.50%
(2) Prospective Investment Return (Est.)	5.00%
(3) Incurred Loss Development Factor - 348 to Ult.	1.005

	Outstanding Loss & ALAE (Case + Bulk + IBNR) @ 12/31/17 ----- (2)	Case Outstanding Loss & ALAE @ 12/31/17 ----- (3)	Bulk / IBNR Loss & ALAE @ 12/31/17 (2) - (3) ----- (4)
<b>I. Excluding Case Reserves Related to Anticipated Retroactive Class Action Payments</b>			
A. 2017 Level Basis (a)	1,010,348,224	753,501,226	256,846,998
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns (b)	2,977,129,095	N/A	N/A
2. After Anticipated Investment Returns (b)	725,027,649	548,871,247	176,156,402
<b>II. Including Case Reserves Related to Anticipated Retroactive Class Action Payments (c)</b>			
A. 2017 Level Basis	1,010,358,224	753,511,226	256,846,998
B. Prospective Period Cost Basis			
1. Before Anticipated Investment Returns	2,977,139,095	N/A	N/A
2. After Anticipated Investment Returns	725,037,649	548,881,247	176,156,402

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.

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		
	2017 Level Basis (a) Before Invest. Income	After Inflation Before (b) Invest. Income	After (c) Inflation and Invest. Income		2017 Level Basis (a) Before Invest. Income	After Inflation Before (b) Invest. Income	After (c) Inflation and Invest. Income
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2018	31,521,831	32,068,719	31,295,865	2068	8,849,785	50,282,905	4,279,182
2019	22,103,387	23,273,910	21,631,439	2069	8,415,016	49,486,067	4,010,828
2020	26,346,429	28,712,607	25,415,542	2070	7,964,402	48,475,418	3,741,824
2021	25,528,775	28,795,273	24,274,967	2071	7,549,417	47,557,843	3,496,187
2022	27,042,455	31,570,226	25,346,958	2072	7,361,993	48,000,354	3,360,684
2023	24,645,041	29,778,407	22,769,858	2073	7,057,979	47,628,815	3,175,877
2024	28,865,696	36,098,928	26,288,382	2074	6,328,329	44,199,646	2,806,877
2025	24,606,746	31,849,807	22,089,560	2075	5,938,079	42,925,570	2,596,159
2026	24,564,640	32,908,143	21,736,736	2076	5,566,730	41,649,582	2,399,035
2027	27,091,210	37,563,126	23,629,982	2077	5,470,261	42,360,283	2,323,783
2028	24,840,661	35,648,135	21,357,439	2078	4,854,993	38,911,662	2,032,952
2029	24,562,425	36,482,556	20,816,529	2079	4,521,035	37,503,288	1,866,068
2030	24,417,851	37,537,195	20,398,375	2080	4,363,449	37,462,930	1,775,295
2031	27,332,906	43,489,111	22,507,383	2081	3,891,059	34,576,424	1,560,485
2032	25,577,135	42,119,865	20,760,707	2082	3,679,651	33,842,242	1,454,619
2033	23,877,580	40,697,312	19,104,320	2083	3,308,660	31,495,251	1,289,276
2034	23,667,226	41,750,640	18,665,503	2084	3,035,828	29,909,586	1,166,063
2035	23,797,014	43,448,881	18,499,750	2085	2,785,773	28,406,602	1,054,731
2036	23,576,336	44,552,572	18,066,364	2086	2,541,620	26,824,064	948,544
2037	25,257,543	49,400,110	19,078,164	2087	2,447,014	26,729,499	900,191
2038	25,732,924	52,091,434	19,159,567	2088	2,090,753	23,637,273	758,144
2039	23,213,696	48,636,444	17,036,952	2089	1,895,154	22,175,811	677,399
2040	22,939,123	49,743,310	16,594,931	2090	1,703,992	20,636,821	600,369
2041	22,646,324	50,827,170	16,149,066	2091	1,533,134	19,217,458	532,454
2042	23,002,842	53,434,294	16,168,966	2092	1,397,510	18,130,547	478,419
2043	21,486,601	51,659,076	14,887,422	2093	1,216,446	16,333,876	410,485
2044	21,311,729	53,031,994	14,555,312	2094	1,084,664	15,074,125	360,787
2045	22,335,165	57,523,962	15,036,372	2095	938,127	13,493,945	307,587
2046	20,063,523	53,481,942	13,314,110	2096	821,329	12,227,408	265,445
2047	20,757,506	57,268,457	13,577,855	2097	729,519	11,240,729	232,405
2048	18,796,065	53,671,978	12,119,201	2098	617,385	9,845,876	193,872
2049	18,252,582	53,944,272	11,600,652	2099	528,933	8,730,501	163,724
2050	17,664,931	54,034,771	11,066,775	2100	454,709	7,768,064	138,738
2051	17,056,697	54,000,361	10,533,074	2101	382,606	6,765,053	115,071
2052	18,424,296	60,371,639	11,215,074	2102	323,409	5,918,493	95,877
2053	16,079,018	54,530,808	9,647,656	2103	262,472	4,971,441	76,700
2054	15,485,782	54,357,053	9,158,967	2104	216,353	4,241,350	62,320
2055	14,999,578	54,493,179	8,744,670	2105	178,953	3,630,937	50,811
2056	14,621,334	54,978,194	8,402,383	2106	142,355	2,989,465	39,842
2057	14,991,475	58,342,922	8,492,017	2107	112,064	2,435,718	30,916
2058	13,551,499	54,584,771	7,566,672	2108	89,378	2,010,635	24,305
2059	13,934,620	58,092,443	7,669,441	2109	72,581	1,689,923	19,456
2060	12,551,621	54,158,257	6,809,567	2110	52,458	1,264,127	13,861
2061	12,104,752	54,058,140	6,473,313	2111	41,469	1,034,295	10,801
2062	12,070,075	55,789,895	6,362,558	2112	29,030	749,387	7,453
2063	11,121,509	53,204,653	5,778,785	2113	22,055	589,270	5,581
2064	10,663,588	52,799,478	5,461,692	2114	17,235	476,591	4,299
2065	10,256,514	52,561,334	5,178,151	2115	12,030	344,324	2,958
2066	10,310,496	54,687,306	5,131,042	2116	7,976	236,256	1,933
2067	9,816,612	53,890,092	4,815,469	2117	6,512	199,645	1,556
Subtotals:	1,015,465,363	2,351,995,155	762,441,535	Subtotals:	122,911,662	1,026,287,377	51,922,229
				Totals - All Years	1,138,377,025	3,378,282,533	814,363,764

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 December 31, 2017 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 December 31, 2017

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) Adjustment		Current Value Ultimate Loss & ALAE (2) + (3)	Actual Recovered (c) @ 12/31/17	Calculated Recoverable on Case O/S & Case Development Combined (d)	Recovered (e) @ 12/31/17	Calculated Recoverable on Case O/S & Case Development Combined (f)	Experience Refund Received to Date (g)	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 After Inflation and P.V. (11) + (12)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1989	11,697,007	14,267,027	25,964,034								14,267,027	11,697,007	25,964,034
1990	6,772,886	6,017,106	12,789,992								6,017,106	6,772,886	12,789,992
1991	16,340,956	8,706,421	25,047,376								8,706,421	16,340,956	25,047,376
1992	33,531,025	14,588,741	48,119,766	-	-	477,375	-	-	-	-	14,111,366	33,531,025	47,642,391
1993	23,637,351	19,373,096	43,010,446	11,408,065	-	10,000,000	-	-	-	-	(2,034,969)	23,637,351	21,602,381
1994	11,891,195	7,192,264	19,083,459	1,726,833	-	-	-	423,375	-	-	5,042,055	11,891,195	16,933,250
1995	19,663,849	10,038,156	29,702,005	2,497,577	-	-	-	375,000	-	-	7,165,579	19,663,849	26,829,428
1996	18,842,358	9,129,668	27,972,026	959,723	-	-	-	408,750	-	-	7,761,195	18,842,358	26,603,553
1997	24,257,120	11,977,563	36,234,683	2,132,728	-	-	-	423,750	-	-	9,421,085	24,257,120	33,678,204
1998	41,265,339	19,760,086	61,025,424	2,683,139	-	-	-	-	-	-	17,076,947	41,265,339	58,342,286
1999	14,313,572	11,901,286	26,214,859	3,143,106	-	2,597,638	-	-	142,405	-	6,160,543	14,171,167	20,331,711
2000	13,658,034	5,837,741	19,495,776	2,150,848	-	-	-	-	142,405	-	3,686,894	13,515,629	17,202,523
2001	18,666,403	7,320,379	25,986,782	2,708,409	-	-	-	-	142,405	-	4,611,970	18,523,998	23,135,968
2002	47,415,995	15,119,824	62,535,820	-	8,151,108	-	11,527,188	-	-	-	15,119,824	27,737,699	42,857,523
2003	12,754,725	4,352,130	17,106,855	-	2,000,362	-	-	-	-	-	4,352,130	10,754,362	15,106,492
2004	20,606,349	4,770,134	25,376,483								4,770,134	20,606,349	25,376,483
2005	23,283,441	7,095,668	30,379,108								7,095,668	23,283,441	30,379,108
2006	37,530,209	8,325,390	45,855,599								8,325,390	37,530,209	45,855,599
2007	29,405,351	8,849,635	38,254,985								8,849,635	29,405,351	38,254,985
2008	41,892,029	5,061,580	46,953,609								5,061,580	41,892,029	46,953,609
2009	48,966,282	6,451,376	55,417,658								6,451,376	48,966,282	55,417,658
2010	23,788,990	2,674,347	26,463,338								2,674,347	23,788,990	26,463,338
2011	42,788,914	3,794,991	46,583,905								3,794,991	42,788,914	46,583,905
2012	26,430,476	2,323,849	28,754,324								2,323,849	26,430,476	28,754,324
2013	33,555,048	3,154,345	36,709,393								3,154,345	33,555,048	36,709,393
2014	45,441,886	2,940,791	48,382,677								2,940,791	45,441,886	48,382,677
2015	42,579,379	1,346,365	43,925,745								1,346,365	42,579,379	43,925,745
2016	37,395,621	390,803	37,786,424								390,803	37,395,621	37,786,424
2017	46,001,976	5,229	46,007,205								5,229	46,001,976	46,007,205
Totals:													
Excl. ULAE	814,373,764	222,765,989	1,037,139,753	29,410,427	10,151,471	13,075,013	11,527,188	1,630,875	427,215	178,649,674	792,267,891	970,917,565	
ULAE (i)										N/A	12,776,237	N/A	
Incl. ULAE										N/A	805,044,128	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 December 31, 2017

Birth Year	Retention	Specific Excess Reinsurance (a)					Aggregate Excess Reinsurance (a)					Experience Refund Received to Date (d)	Additional Experience Refund Recoverable (e)	
		Excess Layer	Actual Recovered (b) @ 12/31/17	Calculated (c) Recoverable on Case O/S	Calculated (c) Recoverable on Estimated Case Development	Calculated (c) Recoverable on Case O/S & Development Combined (5) + (6)	Retention	Excess Layer	Actual Recovered (b) @ 12/31/17	Calculated (c) Recoverable on Case O/S	Calculated (c) Recoverable on Estimated Case Development			Calculated (c) Recoverable on Case O/S & 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	-	Committed			21,530,000	10,000,000	477,375	Committed				
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	20,000,000	13,000,000		10,523,676	1,003,511	11,527,188		
2003	4,250,000	2,500,000		1,628,508	371,855	2,000,362	20,000,000	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												
Totals:			29,410,427	8,746,275	1,405,196	10,151,471			13,075,013	10,523,676	1,003,511	11,527,188	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 of 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 December 31, 2017

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)
<b>I. Evaluated As of 84 Months From End of Treaty Term (a)</b>									
1999	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	7,117,767	1,033,342	8,151,108	10,523,676	1,003,511	11,527,188	17,641,443	2,036,853	19,678,296
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	10,523,676	1,003,511	11,527,188	19,269,951	2,408,707	21,678,659
<b>II. Trended to 12/31/17 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)</b>									
1999	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	12,684,935	1,841,571	14,526,506	18,754,781	1,788,409	20,543,189	31,439,716	3,629,979	35,069,695
2003	2,559,092	584,345	3,143,437	-	-	-	2,559,092	584,345	3,143,437
Totals:	15,244,027	2,425,916	17,669,943	18,754,781	1,788,409	20,543,189	33,998,808	4,214,324	38,213,132
<b>III. Trended to 12/31/17 Based on Assumed Investment Rate of 5.00% (b)</b>									
1999	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	10,516,183	1,526,716	12,042,899	15,548,263	1,482,643	17,030,906	26,064,446	3,009,359	29,073,806
2003	2,291,474	523,237	2,814,711	-	-	-	2,291,474	523,237	2,814,711
Totals:	12,807,657	2,049,953	14,857,610	15,548,263	1,482,643	17,030,906	28,355,920	3,532,596	31,888,516
<b>IV. Trended to 12/31/17 Based on Assumed Investment Rate of 1.50% (b)</b>									
1999	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	8,018,112	1,164,052	9,182,163	11,854,844	1,130,448	12,985,292	19,872,955	2,294,500	22,167,455
2003	1,807,391	412,701	2,220,092	-	-	-	1,807,391	412,701	2,220,092
Totals:	9,825,503	1,576,753	11,402,255	11,854,844	1,130,448	12,985,292	21,680,346	2,707,201	24,387,547

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. December 31, 2017) 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 December 31, 2017

I. ULAE Reserve Related to Settlement of Outstanding Claims (a)	11,826,237
II. ULAE Reserve Related to Collection of Reinsurance Recoveries on Claims Incurred Prior to December 31, 2017 (b) \$ 950,000 x 1	950,000
III. Total ULAE Reserve (I) + (II)	12,776,237

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 December 31, 2017

Assumptions:

- 1. Estimated Calendar Year 2017 Level ULAE Payment (a): 602,912
- 2. Prospective Inflation Rate - Expense (b): 3.00%
- 3. Prospective Investment Return (b): 5.00%

Year	2017 Level Expense	Prospective Loss Level (Inflation) Factor	Present Value Factor	Before Mortality			After Mortality	
				Prospective Level Expense (2) x (3)	Present Value of Prospective Level Expense (5) x (4)	Weighted Average Probability of Survival	Prospective Level Expense (5) x (7)	Present Value of Prospective Level Expense (6) x (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	602,912	1.015	0.976	611,889	597,142	0.9810	600,286	585,819
2	602,912	1.045	0.929	630,246	585,768	0.9621	606,371	563,578
3	602,912	1.077	0.885	649,153	574,611	0.9432	612,305	541,994
4	602,912	1.109	0.843	668,627	563,666	0.9244	618,073	521,047
5	602,912	1.142	0.803	688,686	552,929	0.9056	623,660	500,721
6	602,912	1.177	0.765	709,347	542,397	0.8868	629,050	480,999
7	602,912	1.212	0.728	730,627	532,066	0.8681	634,228	461,865
8	602,912	1.248	0.694	752,546	521,931	0.8494	639,178	443,304
9	602,912	1.286	0.661	775,122	511,990	0.8307	643,882	425,301
10	602,912	1.324	0.629	798,376	502,238	0.8120	648,321	407,842
11	602,912	1.364	0.599	822,327	492,671	0.7935	652,479	390,912
12	602,912	1.405	0.571	846,997	483,287	0.7749	656,340	374,500
13	602,912	1.447	0.543	872,407	474,081	0.7564	659,890	358,596
14	602,912	1.490	0.518	898,579	465,051	0.7380	663,115	343,189
15	602,912	1.535	0.493	925,537	456,193	0.7196	666,002	328,270
16	602,912	1.581	0.469	953,303	447,504	0.7013	668,535	313,827
17	602,912	1.629	0.447	981,902	438,980	0.6831	670,696	299,849
18	602,912	1.677	0.426	1,011,359	430,618	0.6649	672,464	286,323
19	602,912	1.728	0.406	1,041,700	422,416	0.6468	673,819	273,238
20	602,912	1.780	0.386	1,072,951	414,370	0.6289	674,740	260,582
21	602,912	1.833	0.368	1,105,139	406,477	0.6110	675,204	248,344
22	602,912	1.888	0.350	1,138,294	398,735	0.5932	675,188	236,513
23	602,912	1.945	0.334	1,172,442	391,140	0.5754	674,666	225,076
24	602,912	2.003	0.318	1,207,616	383,690	0.5578	673,611	214,023
25	602,912	2.063	0.303	1,243,844	376,381	0.5403	671,995	203,342
26	602,912	2.125	0.288	1,281,159	369,212	0.5228	669,789	193,024
27	602,912	2.189	0.274	1,319,594	362,180	0.5054	666,969	183,058
28	602,912	2.254	0.261	1,359,182	355,281	0.4882	663,507	173,436
29	602,912	2.322	0.249	1,399,957	348,514	0.4710	659,379	164,150
30	602,912	2.392	0.237	1,441,956	341,875	0.4539	654,562	155,191
31	602,912	2.463	0.226	1,485,215	335,363	0.4370	649,029	146,551
32	602,912	2.537	0.215	1,529,771	328,976	0.4202	642,756	138,224
33	602,912	2.613	0.205	1,575,664	322,709	0.4035	635,721	130,201
34	602,912	2.692	0.195	1,622,934	316,562	0.3869	627,903	122,476
35	602,912	2.773	0.186	1,671,622	310,533	0.3705	619,284	115,043
36	602,912	2.856	0.177	1,721,771	304,618	0.3542	609,847	107,895
37	602,912	2.941	0.168	1,773,424	298,816	0.3381	599,578	101,027
38	602,912	3.030	0.160	1,826,627	293,124	0.3222	588,464	94,432
39	602,912	3.121	0.153	1,881,426	287,541	0.3064	576,498	88,107
40	602,912	3.214	0.146	1,937,869	282,064	0.2909	563,676	82,045
41	602,912	3.311	0.139	1,996,005	276,691	0.2756	550,002	76,243
42	602,912	3.410	0.132	2,055,885	271,421	0.2605	535,485	70,695
43	602,912	3.512	0.126	2,117,561	266,251	0.2456	520,143	65,400
44	602,912	3.618	0.120	2,181,088	261,179	0.2311	504,002	60,353
45	602,912	3.726	0.114	2,246,521	256,204	0.2168	487,096	55,551
46	602,912	3.838	0.109	2,313,916	251,324	0.2029	469,467	50,991
47	602,912	3.953	0.103	2,383,334	246,537	0.1893	451,165	46,669
48	602,912	4.072	0.099	2,454,834	241,841	0.1761	432,249	42,584
49	602,912	4.194	0.094	2,528,479	237,235	0.1633	412,789	38,730
50	602,912	4.320	0.089	2,604,333	232,716	0.1508	392,863	35,105
Totals:	30,145,600			69,019,146	19,365,101		30,466,320	11,826,237

Notes: (a) Estimated current level (2017) 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 2017 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries

Reserve @ 12/31/17 1,138,377,025

Calendar Year ----- (1)	Estimated Prospective Period Payments 2017 Level Basis (a) ----- (2)	Calendar Year ----- (3)	Estimated Prospective Period Payments 2017 Level Basis (a) ----- (4)
2018	31,521,831	2068	8,849,785
2019	22,103,387	2069	8,415,016
2020	26,346,429	2070	7,964,402
2021	25,528,775	2071	7,549,417
2022	27,042,455	2072	7,361,993
2023	24,645,041	2073	7,057,979
2024	28,865,696	2074	6,328,329
2025	24,606,746	2075	5,938,079
2026	24,564,640	2076	5,566,730
2027	27,091,210	2077	5,470,261
2028	24,840,661	2078	4,854,993
2029	24,562,425	2079	4,521,035
2030	24,417,851	2080	4,363,449
2031	27,332,906	2081	3,891,059
2032	25,577,135	2082	3,679,651
2033	23,877,580	2083	3,308,660
2034	23,667,226	2084	3,035,828
2035	23,797,014	2085	2,785,773
2036	23,576,336	2086	2,541,620
2037	25,257,543	2087	2,447,014
2038	25,732,924	2088	2,090,753
2039	23,213,696	2089	1,895,154
2040	22,939,123	2090	1,703,992
2041	22,646,324	2091	1,533,134
2042	23,002,842	2092	1,397,510
2043	21,486,601	2093	1,216,446
2044	21,311,729	2094	1,084,664
2045	22,335,165	2095	938,127
2046	20,063,523	2096	821,329
2047	20,757,506	2097	729,519
2048	18,796,065	2098	617,385
2049	18,252,582	2099	528,933
2050	17,664,931	2100	454,709
2051	17,056,697	2101	382,606
2052	18,424,296	2102	323,409
2053	16,079,018	2103	262,472
2054	15,485,782	2104	216,353
2055	14,999,578	2105	178,953
2056	14,621,334	2106	142,355
2057	14,991,475	2107	112,064
2058	13,551,499	2108	89,378
2059	13,934,620	2109	72,581
2060	12,551,621	2110	52,458
2061	12,104,752	2111	41,469
2062	12,070,075	2112	29,030
2063	11,121,509	2113	22,055
2064	10,663,588	2114	17,235
2065	10,256,514	2115	12,030
2066	10,310,496	2116	7,976
2067	9,816,612	2117	6,512
Subtotals:	1,015,465,363	Subtotals:	122,911,662
		Totals - All Years	1,138,377,025

Note: (a) See Column (11) of Exhibit II, Sheets 2a and 2b.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year  
Estimated 2017 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries  
Evaluated As of December 31, 2017

Calendar Year	BY 2009	BY 2010	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	Totals All BY'S (c)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 12/31/17 (a)	68,028,717	34,485,989	62,541,899	38,874,869	49,603,130	67,570,845	63,579,093	56,133,941	69,642,900	1,138,377,025

**Estimated Prospective Period Loss & Expense Payments - 2017 Level Basis - (b)**

2018	1,802,311	511,719	840,048	670,910	968,072	1,181,527	1,311,774	1,020,050	802,194	31,521,831
2019	804,509	455,817	915,561	513,146	839,353	1,295,678	1,088,791	1,137,119	1,250,953	22,103,387
2020	1,639,034	504,225	815,541	559,274	641,980	1,123,398	1,193,982	943,825	1,394,523	26,346,429
2021	1,595,679	642,430	902,153	498,176	699,689	859,233	1,035,224	1,035,010	1,157,474	25,528,775
2022	1,750,699	586,488	1,149,427	551,083	623,252	936,471	791,793	897,390	1,269,300	27,042,455
2023	1,541,323	609,469	1,049,337	702,132	689,442	834,167	862,969	686,370	1,100,528	24,645,041
2024	1,883,285	615,448	1,090,453	640,992	878,414	922,756	768,694	748,069	841,740	28,865,696
2025	1,467,485	689,464	1,101,151	666,107	801,923	1,175,678	850,331	666,347	917,406	24,606,746
2026	1,445,130	655,112	1,233,579	672,642	833,345	1,073,302	1,083,401	737,114	817,184	24,564,640
2027	1,657,452	651,765	1,172,117	753,536	841,520	1,115,357	989,060	939,152	903,971	27,091,210
2028	1,373,198	648,823	1,166,129	715,992	942,724	1,126,299	1,027,814	857,372	1,151,743	24,840,661
2029	1,350,887	630,211	1,160,865	712,334	895,754	1,261,751	1,037,898	890,967	1,051,451	24,562,425
2030	1,392,355	640,047	1,127,565	709,119	891,178	1,198,886	1,162,718	899,708	1,092,650	24,417,851
2031	1,996,619	688,459	1,145,162	688,777	887,155	1,192,761	1,104,787	1,007,909	1,103,370	27,332,906
2032	1,788,123	762,062	1,231,781	699,527	861,707	1,187,377	1,099,143	957,691	1,236,064	25,577,135
2033	1,592,858	771,679	1,363,470	752,438	875,155	1,153,317	1,094,182	952,799	1,174,479	23,877,580
2034	1,552,849	825,524	1,380,677	832,881	941,351	1,171,316	1,062,795	948,498	1,168,479	23,667,226
2035	1,525,739	801,219	1,477,016	843,392	1,041,990	1,259,913	1,079,381	921,289	1,163,204	23,797,014
2036	1,535,625	783,895	1,433,531	902,241	1,055,139	1,394,609	1,161,025	935,668	1,129,837	23,576,336
2037	1,691,799	811,690	1,402,534	875,678	1,128,764	1,412,209	1,285,148	1,006,441	1,147,470	25,257,543
2038	1,727,504	806,467	1,452,264	856,744	1,095,531	1,510,749	1,301,367	1,114,038	1,234,264	25,732,924
2039	1,416,367	812,191	1,442,920	887,121	1,071,843	1,466,270	1,392,173	1,128,097	1,366,217	23,213,696
2040	1,377,529	778,659	1,453,161	881,413	1,109,848	1,434,566	1,351,185	1,206,813	1,383,459	22,939,123
2041	1,345,093	756,607	1,393,166	887,669	1,102,707	1,485,431	1,321,969	1,171,282	1,479,993	22,646,324
2042	1,412,155	728,632	1,353,711	851,021	1,110,533	1,475,874	1,368,842	1,145,956	1,436,419	23,002,842
2043	1,263,792	711,822	1,303,658	826,919	1,064,684	1,486,348	1,360,035	1,186,588	1,405,361	21,486,601
2044	1,232,188	689,863	1,273,583	796,344	1,034,531	1,424,983	1,369,687	1,178,954	1,455,191	21,311,729
2045	1,403,313	675,215	1,234,292	777,973	996,280	1,384,627	1,313,138	1,187,321	1,445,828	22,335,165
2046	1,154,329	648,878	1,208,086	753,972	973,296	1,333,431	1,275,950	1,138,301	1,456,089	20,063,523
2047	1,269,616	628,825	1,160,964	737,964	943,270	1,302,669	1,228,772	1,106,064	1,395,973	20,757,506
2048	1,083,730	619,660	1,125,085	709,179	923,242	1,262,481	1,200,425	1,065,168	1,356,438	18,796,065
2049	1,049,153	601,800	1,108,688	687,263	887,230	1,235,676	1,163,391	1,040,595	1,306,285	18,252,582
2050	1,019,318	586,823	1,076,733	677,246	859,811	1,187,478	1,138,690	1,008,492	1,276,149	17,664,931
2051	981,419	571,003	1,049,935	657,726	847,280	1,150,780	1,094,275	987,080	1,236,780	17,056,697
2052	1,193,053	548,649	1,021,631	641,357	822,860	1,134,008	1,060,457	948,578	1,210,520	18,424,296
2053	919,293	531,859	981,635	624,067	802,380	1,101,323	1,045,002	919,263	1,163,303	16,079,018
2054	883,270	517,357	951,596	599,635	780,750	1,073,914	1,014,882	905,866	1,127,352	15,485,782
2055	851,456	502,335	925,648	581,286	750,184	1,044,963	989,624	879,756	1,110,922	14,999,578
2056	823,371	483,231	898,771	565,436	727,227	1,004,053	962,946	857,861	1,078,903	14,621,334
2057	891,052	470,485	864,590	549,017	707,398	973,328	925,247	834,735	1,052,051	14,991,475
2058	758,666	465,852	841,785	528,138	686,857	946,788	896,933	802,055	1,023,690	13,551,499
2059	854,039	446,756	833,497	514,208	660,736	919,297	872,476	777,512	983,613	13,934,620
2060	698,991	434,163	799,329	509,145	643,308	884,336	847,143	756,311	953,513	12,551,621
2061	669,824	418,091	776,798	488,273	636,974	861,010	814,926	734,350	927,513	12,104,752
2062	695,761	400,288	748,042	474,510	610,862	852,532	793,431	706,423	900,582	12,070,075
2063	612,927	389,055	716,190	456,944	593,643	817,584	785,618	687,790	866,333	11,121,509
2064	585,239	372,485	696,091	437,487	571,668	794,538	753,413	681,018	843,481	10,663,588
2065	560,086	362,388	666,445	425,210	547,326	765,126	732,176	653,100	835,176	10,256,514
2066	616,154	343,501	648,380	407,101	531,966	732,546	705,073	634,691	800,940	10,310,496
2067	569,326	327,275	614,587	396,065	509,310	711,988	675,050	611,196	778,363	9,816,612

Subtotals 2018 to 2067:	61,304,972	29,915,761	53,779,354	33,146,812	41,941,444	56,634,703	52,845,206	46,244,040	56,764,722	1,015,465,363
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Notes: (a) See Exhibit III, Column (5).

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

(c) Sum of columns (2) to (11) of Exhibit II Sheets 3a and 4a and columns (2) to (10) above.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year  
Estimated 2017 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries  
Evaluated As of December 31, 2017

Calendar Year	BY 2009	BY 2010	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	Totals All BY'S (c)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserve @ 12/31/17 (a)	68,028,717	34,485,989	62,541,899	38,874,869	49,603,130	67,570,845	63,579,093	56,133,941	69,642,900	1,138,377,025

**Estimated Prospective Period Loss & Expense Payments - 2017 Level Basis - (b)**

2068	481,479	314,957	585,556	375,423	495,504	681,666	656,106	585,171	749,550	8,849,785
2069	454,886	300,354	563,517	357,689	469,679	663,187	628,163	568,749	717,633	8,415,016
2070	430,541	287,415	537,389	344,226	447,493	628,623	611,135	544,527	697,494	7,964,402
2071	408,133	274,017	514,238	328,266	430,650	598,929	579,283	529,766	667,788	7,549,417
2072	413,605	259,897	490,267	314,124	410,683	576,386	551,920	502,155	649,686	7,361,993
2073	414,212	248,470	465,004	299,482	392,991	549,662	531,147	478,435	615,825	7,057,979
2074	340,547	233,006	444,559	284,049	374,672	525,982	506,520	460,428	586,736	6,328,329
2075	318,444	222,835	416,891	271,561	355,365	501,464	484,699	439,080	564,652	5,938,079
2076	298,079	208,432	398,693	254,659	339,740	475,624	462,105	420,164	538,472	5,566,730
2077	313,128	195,248	372,924	243,543	318,596	454,712	438,293	400,578	515,274	5,470,261
2078	259,616	186,266	349,335	227,802	304,689	426,412	419,022	379,937	491,255	4,854,993
2079	241,561	174,578	333,265	213,393	284,996	407,799	392,943	363,232	465,941	4,521,035
2080	253,615	163,587	312,353	203,576	266,968	381,441	375,791	340,625	445,455	4,363,449
2081	207,787	151,088	292,688	190,802	254,688	357,313	351,502	325,757	417,731	3,891,059
2082	205,821	140,644	270,324	178,790	238,706	340,877	329,268	304,702	399,497	3,679,651
2083	177,472	131,799	251,638	165,129	223,678	319,486	314,122	285,428	373,676	3,308,660
2084	162,853	119,949	235,813	153,714	206,587	299,373	294,410	272,298	350,039	3,035,828
2085	149,359	112,505	214,610	144,047	192,306	276,498	275,876	255,211	333,937	2,785,773
2086	136,844	101,873	201,292	131,096	180,213	257,385	254,796	239,144	312,982	2,541,620
2087	151,519	92,938	182,270	122,960	164,009	241,199	237,183	220,871	293,278	2,447,014
2088	113,135	84,849	166,283	111,340	153,832	219,512	222,267	205,603	270,869	2,090,753
2089	102,599	77,403	151,811	101,575	139,294	205,890	202,283	192,674	252,145	1,895,154
2090	92,373	69,575	138,488	92,734	127,077	186,432	189,730	175,350	236,288	1,703,992
2091	82,931	61,067	124,482	84,596	116,016	170,080	171,800	164,468	215,043	1,533,134
2092	78,668	54,720	109,261	76,040	105,835	155,278	156,731	148,925	201,698	1,397,510
2093	65,806	48,851	97,905	66,742	95,132	141,650	143,090	135,863	182,637	1,216,446
2094	62,767	42,573	87,404	59,805	83,499	127,325	130,533	124,038	166,618	1,084,664
2095	50,963	36,984	76,171	53,391	74,820	111,756	117,332	113,153	152,116	938,127
2096	44,256	31,937	66,171	46,529	66,796	100,140	102,984	101,710	138,767	821,329
2097	41,598	27,169	57,141	40,421	58,211	89,400	92,281	89,273	124,733	729,519
2098	32,559	22,900	48,611	34,905	50,569	77,911	82,383	79,994	109,481	617,385
2099	27,443	19,294	40,973	29,694	43,668	67,682	71,796	71,414	98,102	528,933
2100	22,875	15,957	34,520	25,028	37,149	58,446	62,370	62,236	87,580	454,709
2101	19,843	12,964	28,549	21,087	31,312	49,721	53,859	54,065	76,325	382,606
2102	15,847	10,358	23,196	17,439	26,381	41,909	45,818	46,688	66,304	323,409
2103	12,198	8,469	18,532	14,169	21,818	35,308	38,619	39,718	57,256	262,472
2104	9,602	6,520	15,153	11,320	17,727	29,201	32,537	33,477	48,709	216,353
2105	7,432	5,006	11,665	9,256	14,162	23,726	26,909	28,205	41,055	178,953
2106	5,666	3,765	8,957	7,126	11,580	18,955	21,863	23,327	34,590	142,355
2107	4,442	2,810	6,737	5,472	8,915	15,499	17,467	18,952	28,607	112,064
2108	3,201	2,081	5,027	4,115	6,845	11,932	14,283	15,141	23,243	89,378
2109	8,044	1,487	3,724	3,071	5,148	9,162	10,995	12,381	18,569	72,581
2110	-	3,632	2,660	2,275	3,842	6,890	8,443	9,531	15,184	52,458
2111	-	-	6,499	1,625	2,846	5,142	6,350	7,319	11,689	41,469
2112	-	-	-	3,970	2,033	3,809	4,738	5,504	8,975	29,030
2113	-	-	-	-	4,966	2,721	3,510	4,108	6,750	22,055
2114	-	-	-	-	-	6,647	2,508	3,043	5,037	17,235
2115	-	-	-	-	-	-	6,125	2,174	3,731	12,030
2116	-	-	-	-	-	-	-	5,310	2,666	7,976
2117	-	-	-	-	-	-	-	-	6,512	6,512
Subtotals 2068 to 2117:	6,723,746	4,570,228	8,762,545	5,728,057	7,661,686	10,936,142	10,733,887	9,889,900	12,878,178	122,911,662
Totals 2018 to 2117:	68,028,717	34,485,989	62,541,899	38,874,869	49,603,130	67,570,845	63,579,093	56,133,941	69,642,900	1,138,377,025

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 3b and 4b and columns (2) to (10) above.

Estimated Prospective Period Loss & ALAE Payments - By Birth Year  
Estimated 2017 Level Basis - Before Future Inflation & Anticipated Investment IncomeBefore Consideration of Reinsurance Recoveries  
Evaluated As of December 31, 2017

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 @ 12/31/17 (a)	18,392,826	18,238,551	24,874,928	63,733,369	16,126,298	27,979,864	32,809,045	51,017,788	39,224,414	60,366,825

**Estimated Prospective Period Loss & Expense Payments - 2017 Level Basis - (b)**

2018	496,041	504,471	886,987	2,240,033	668,460	901,697	1,090,618	1,872,420	1,581,815	1,480,859
2019	402,361	371,996	584,214	1,231,162	413,961	431,689	566,319	816,375	1,085,101	657,320
2020	491,652	407,118	587,339	1,545,290	573,956	668,189	827,957	1,314,015	1,331,093	1,219,720
2021	627,667	385,666	568,759	1,514,613	550,426	648,848	736,609	1,275,439	1,264,532	1,195,747
2022	608,812	685,464	755,606	1,611,795	583,378	717,141	742,298	1,385,036	1,372,087	1,308,644
2023	593,127	631,336	674,468	1,437,813	517,318	625,018	617,024	1,290,140	1,155,728	1,158,966
2024	707,957	733,565	826,744	2,304,999	617,306	788,010	725,363	1,526,685	1,390,015	1,422,112
2025	554,005	566,120	639,696	1,849,797	591,626	592,198	515,147	1,223,495	1,046,875	1,114,718
2026	651,862	538,734	628,503	1,794,683	573,488	752,091	486,419	1,197,455	1,002,905	1,097,810
2027	656,064	611,878	757,676	1,946,372	613,450	844,901	910,819	1,331,303	1,175,796	1,257,664
2028	609,440	534,855	673,199	1,710,065	527,615	715,028	777,258	1,364,943	941,142	1,053,871
2029	592,231	507,216	659,530	1,688,326	510,625	703,117	751,854	1,333,275	928,684	1,035,888
2030	570,649	477,295	638,781	1,620,643	493,579	683,055	715,574	1,292,227	883,766	1,235,821
2031	621,411	537,512	727,138	1,875,798	568,041	851,589	810,053	1,450,938	1,059,424	1,373,319
2032	534,971	440,319	667,127	1,647,575	495,072	749,986	804,215	1,334,051	919,045	1,303,107
2033	514,469	399,775	588,648	1,495,971	435,972	664,701	725,097	1,193,246	772,589	1,166,829
2034	496,309	376,212	572,332	1,441,556	417,645	648,643	703,384	1,159,786	853,778	1,144,087
2035	480,242	354,907	559,390	1,405,881	402,432	636,335	689,094	1,130,912	821,142	1,309,909
2036	460,842	332,366	567,538	1,356,664	382,317	616,882	663,908	1,094,549	784,955	1,279,714
2037	462,558	339,337	626,413	1,479,873	410,713	690,447	714,736	1,191,697	879,165	1,404,379
2038	480,994	467,682	587,386	1,490,398	421,368	717,612	729,486	1,189,897	885,385	1,362,780
2039	409,836	395,603	519,558	1,234,792	332,706	570,226	611,940	1,000,731	693,407	1,198,410
2040	393,429	376,919	503,951	1,238,894	317,063	554,952	596,051	970,548	665,696	1,171,548
2041	378,678	359,864	491,255	1,213,387	303,958	542,932	585,922	944,055	641,231	1,147,294
2042	361,477	351,034	520,636	1,240,912	312,569	574,206	602,440	990,464	687,882	1,206,957
2043	345,923	326,197	458,267	1,122,578	272,822	509,972	551,482	883,249	590,017	1,091,803
2044	331,816	311,496	445,904	1,130,409	260,791	498,143	542,292	857,954	615,804	1,067,817
2045	353,863	323,888	464,830	1,190,448	295,777	585,043	600,710	947,252	713,403	1,149,827
2046	300,912	282,747	414,213	1,049,825	232,514	466,313	510,451	800,704	569,098	1,013,411
2047	299,807	285,899	459,233	1,128,340	250,998	521,488	554,117	870,194	637,441	1,111,277
2048	272,255	257,394	385,708	976,831	207,702	437,873	484,535	748,231	527,704	961,958
2049	258,329	245,706	371,705	946,443	195,889	423,832	471,914	722,712	508,209	936,480
2050	245,497	234,932	359,931	910,287	185,825	412,279	463,613	699,701	490,773	913,098
2051	231,301	224,163	344,182	870,999	173,416	396,084	447,221	673,030	471,358	885,975
2052	243,867	232,132	391,552	957,883	212,632	499,104	523,816	791,476	600,002	1,017,142
2053	206,108	205,094	319,156	810,977	153,589	370,875	475,660	638,230	438,228	837,791
2054	192,973	196,044	304,109	769,279	142,495	355,209	459,308	635,363	420,742	811,229
2055	180,829	187,689	291,096	771,837	132,923	341,770	446,832	611,778	404,949	786,556
2056	169,550	179,928	279,915	742,284	124,682	330,322	437,896	590,022	390,682	892,570
2057	164,444	181,694	305,396	781,271	131,907	361,443	460,913	629,324	437,296	956,914
2058	146,434	165,263	253,166	674,087	106,430	302,054	409,735	543,214	360,308	837,785
2059	151,411	162,975	258,140	686,436	120,213	350,854	447,967	577,796	419,641	879,878
2060	125,327	152,220	228,831	611,554	90,626	276,150	385,194	499,344	332,559	784,810
2061	115,351	146,178	216,962	583,511	83,280	263,389	372,955	477,979	319,231	758,417
2062	106,080	144,068	230,741	588,029	85,360	274,524	382,975	491,868	343,242	782,270
2063	96,587	134,890	193,856	522,144	69,709	238,309	348,497	436,393	293,578	705,892
2064	87,819	129,576	182,635	493,605	63,477	226,020	336,272	416,182	281,212	679,778
2065	79,697	124,465	172,706	469,653	58,097	215,119	326,569	397,139	269,862	654,893
2066	79,156	120,436	169,605	460,258	63,596	242,417	346,148	410,245	311,807	676,138
2067	66,991	120,535	173,948	451,762	54,740	217,860	326,109	396,403	288,657	666,549
Subtotals 2018 to 2067:	18,009,410	16,762,852	23,488,662	59,318,024	15,804,536	26,005,937	28,812,765	46,619,465	35,859,042	52,167,731

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

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

Estimated Prospective Period Loss & ALAE Payments - By Birth Year  
Estimated 2017 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries  
Evaluated As of December 31, 2017

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 @ 12/31/17 (a)	18,392,826	18,238,551	24,874,928	63,733,369	16,126,298	27,979,864	32,809,045	51,017,788	39,224,414	60,366,825

**Estimated Prospective Period Loss & Expense Payments - 2017 Level Basis - (b)**

2068	57,250	109,830	141,065	388,352	42,444	179,747	289,537	340,010	235,058	577,601
2069	50,559	105,138	130,249	362,564	37,564	167,453	275,063	321,277	223,316	551,281
2070	44,489	100,525	120,613	337,477	33,381	156,383	262,787	303,547	212,445	526,132
2071	38,978	95,964	112,000	315,903	29,787	146,361	252,399	286,676	202,357	502,019
2072	33,706	93,767	115,261	308,959	29,230	146,580	250,258	286,985	214,805	507,196
2073	31,783	87,001	97,505	280,393	27,907	148,270	248,263	269,428	220,107	483,866
2074	24,749	82,362	85,868	251,654	19,964	115,616	215,428	237,328	171,636	428,556
2075	20,812	77,825	77,350	230,889	17,100	105,522	201,779	221,601	161,373	404,021
2076	17,350	73,282	69,742	212,332	14,676	96,402	189,831	206,706	151,816	380,547
2077	15,022	72,269	72,983	212,525	14,915	100,634	194,204	211,587	168,929	396,052
2078	11,609	64,202	55,647	177,967	10,540	79,300	166,334	178,481	133,385	334,966
2079	9,294	59,689	49,187	162,141	8,803	71,341	154,826	165,140	124,505	312,922
2080	7,944	55,217	44,610	150,526	9,027	74,780	156,423	158,383	141,527	310,509
2081	5,657	50,791	37,515	133,290	5,931	56,691	132,429	139,988	107,445	270,392
2082	4,283	47,633	36,610	125,937	5,415	54,140	127,172	135,040	111,881	265,170
2083	3,177	42,185	27,735	108,292	3,821	44,045	111,856	116,972	91,626	230,403
2084	2,284	38,046	23,216	96,164	2,950	38,134	100,947	106,152	83,692	210,827
2085	1,598	34,046	19,315	85,456	2,256	32,898	91,186	95,947	76,291	192,234
2086	1,085	30,210	15,952	75,884	1,707	28,252	82,382	86,327	69,378	174,583
2087	790	27,924	15,039	71,000	1,760	30,442	83,109	85,324	88,043	182,980
2088	441	23,120	10,155	57,625	882	20,016	64,594	68,621	55,832	140,908
2089	263	19,908	7,962	50,076	617	16,689	57,075	60,622	49,778	125,585
2090	148	16,943	6,027	42,567	410	13,671	49,412	53,142	43,756	110,823
2091	78	14,237	4,486	36,031	265	11,114	42,656	46,224	38,230	97,128
2092	38	12,102	3,717	31,564	189	9,674	38,178	41,626	37,495	89,200
2093	17	9,634	2,291	24,880	98	7,090	30,882	34,030	28,282	72,603
2094	7	7,741	1,565	20,245	68	5,989	26,707	28,822	29,304	65,276
2095	2	6,113	1,034	16,309	30	4,311	21,526	23,998	19,974	52,107
2096	1	4,739	648	12,728	15	3,284	17,525	19,773	16,347	43,294
2097	0	3,789	454	10,360	8	2,837	15,219	17,429	15,745	39,174
2098	0	2,684	226	7,452	3	1,835	11,328	12,841	10,498	28,781
2099	0	1,956	122	5,454	1	1,338	8,859	10,091	8,133	22,913
2100	-	4,825	63	3,926	0	960	6,851	7,783	6,183	17,959
2101	-	-	58	2,775	0	689	5,267	5,882	5,658	14,553
2102	-	-	-	5,649	0	502	4,058	4,534	3,761	10,964
2103	-	-	-	-	0	316	2,864	3,144	2,331	7,730
2104	-	-	-	-	-	624	2,069	2,218	1,594	5,603
2105	-	-	-	-	-	-	4,998	1,525	1,049	3,963
2106	-	-	-	-	-	-	-	3,120	669	2,738
2107	-	-	-	-	-	-	-	-	1,137	2,026
2108	-	-	-	-	-	-	-	-	-	3,510
2109	-	-	-	-	-	-	-	-	-	-
2110	-	-	-	-	-	-	-	-	-	-
2111	-	-	-	-	-	-	-	-	-	-
2112	-	-	-	-	-	-	-	-	-	-
2113	-	-	-	-	-	-	-	-	-	-
2114	-	-	-	-	-	-	-	-	-	-
2115	-	-	-	-	-	-	-	-	-	-
2116	-	-	-	-	-	-	-	-	-	-
2117	-	-	-	-	-	-	-	-	-	-
Subtotals 2068 to 2117:	383,416	1,475,699	1,386,267	4,415,345	321,762	1,973,926	3,996,280	4,398,323	3,365,372	8,199,094
Totals 2018 to 2117:	18,392,826	18,238,551	24,874,928	63,733,369	16,126,298	27,979,864	32,809,045	51,017,788	39,224,414	60,366,825

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 2017 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries  
Evaluated As of December 31, 2017

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 @ 12/31/17 (a)	14,979,663	8,210,228	21,623,514	43,690,006	31,156,923	16,488,406	25,908,631	24,406,312	32,799,513	55,888,538

**Estimated Prospective Period Loss & Expense Payments - 2017 Level Basis - (b)**

2018	771,355	389,595	789,438	1,541,932	1,795,961	662,546	910,857	793,959	970,056	2,064,126
2019	521,831	335,573	621,282	1,089,438	1,100,728	332,028	685,411	548,459	607,883	1,399,327
2020	546,067	391,379	631,184	1,303,652	1,156,472	374,022	749,805	937,144	971,074	1,503,519
2021	516,187	374,633	614,448	1,301,501	1,139,439	363,073	728,672	888,223	937,575	1,471,653
2022	523,060	392,347	681,823	1,452,036	1,117,823	396,736	821,688	864,691	989,931	1,476,156
2023	486,866	350,758	595,646	1,274,387	946,150	358,516	765,093	870,622	883,848	1,336,481
2024	631,166	384,834	749,167	1,507,433	1,005,800	453,568	959,342	987,188	1,111,167	1,643,425
2025	446,029	322,068	564,617	1,240,967	804,083	348,203	738,504	782,067	872,351	1,458,288
2026	429,413	311,937	551,763	1,185,639	754,765	347,088	725,158	747,546	849,186	1,387,386
2027	456,230	336,382	617,329	1,374,420	805,948	389,354	777,364	775,778	935,844	1,492,707
2028	408,232	284,781	524,474	1,231,107	670,417	336,622	688,357	679,421	797,086	1,302,653
2029	395,012	274,991	511,750	1,252,003	669,261	335,281	675,292	652,649	776,212	1,317,110
2030	381,200	260,986	521,772	1,188,974	656,881	328,688	655,997	671,475	751,026	1,275,238
2031	447,697	287,351	584,849	1,309,486	729,345	417,989	728,873	724,529	901,087	1,511,475
2032	386,777	261,120	547,862	1,254,220	675,200	355,937	662,868	644,495	781,452	1,288,260
2033	345,837	226,917	478,654	1,123,807	594,958	316,440	609,006	597,014	687,334	1,209,941
2034	335,032	215,990	464,545	1,079,032	578,934	312,260	593,747	574,920	667,384	1,147,281
2035	325,265	206,961	521,465	1,051,679	566,807	310,422	581,268	555,593	650,093	1,124,074
2036	314,482	194,786	505,653	1,018,307	551,116	303,743	563,814	533,957	629,194	1,089,980
2037	340,788	209,483	549,751	1,157,468	616,244	341,766	605,447	557,859	705,401	1,212,282
2038	355,799	203,125	503,517	1,081,479	607,539	381,674	606,726	553,849	734,297	1,273,004
2039	285,602	164,618	462,439	928,115	515,694	290,523	520,188	478,935	575,688	1,041,485
2040	276,360	155,007	448,256	898,256	504,784	285,985	505,935	461,956	558,720	1,078,182
2041	267,876	146,831	435,104	893,680	496,167	283,542	493,834	446,750	543,820	1,086,227
2042	282,901	149,112	456,464	927,887	531,396	304,544	505,494	445,362	586,188	1,081,777
2043	249,520	127,579	406,374	809,188	473,066	271,925	463,874	414,216	509,981	999,361
2044	241,399	119,932	393,447	781,821	502,076	312,342	451,823	400,228	612,326	978,586
2045	278,874	128,494	397,662	862,123	554,547	342,934	489,794	424,971	671,657	1,141,082
2046	223,789	102,465	365,614	721,023	477,902	298,442	422,604	370,298	575,639	923,227
2047	244,968	108,713	391,203	793,412	529,812	329,208	451,795	385,663	635,467	994,354
2048	207,131	87,119	339,157	662,991	455,255	286,148	395,419	342,678	541,202	873,365
2049	198,933	79,890	326,151	652,664	443,742	279,833	381,918	329,298	524,213	874,641
2050	191,302	73,589	313,863	607,300	433,726	275,183	369,806	316,907	508,553	828,026
2051	182,779	66,359	300,599	577,478	420,280	266,852	355,090	303,326	490,642	799,285
2052	229,270	76,406	321,364	669,331	497,314	315,470	400,431	329,880	581,127	952,983
2053	167,370	54,579	276,164	539,214	397,702	255,027	329,600	278,895	458,603	778,030
2054	159,114	48,485	263,526	494,603	383,944	246,475	315,253	266,104	441,173	725,736
2055	151,369	43,197	251,544	467,695	371,526	239,437	302,098	254,114	424,881	701,284
2056	144,093	38,587	240,132	442,236	360,297	233,764	289,953	242,812	409,586	680,226
2057	156,622	38,691	249,256	486,582	390,482	251,072	302,773	247,999	448,987	740,505
2058	128,609	29,398	216,861	389,537	333,395	217,584	263,028	219,291	376,549	628,004
2059	147,033	30,520	212,804	403,563	361,011	238,890	277,481	228,483	403,724	713,669
2060	113,910	21,945	194,893	340,085	307,316	202,410	237,293	196,941	344,771	579,203
2061	106,711	18,729	184,294	327,300	294,129	194,654	224,534	186,007	329,021	574,362
2062	112,217	17,800	183,571	322,306	305,908	202,905	223,858	180,941	347,973	561,008
2063	92,640	13,260	163,871	271,309	267,600	178,871	199,343	164,624	297,837	506,217
2064	85,786	10,982	154,055	249,988	254,294	170,875	186,983	154,204	282,425	482,000
2065	79,310	9,073	144,648	238,282	241,848	163,818	175,298	144,240	267,707	477,055
2066	88,812	8,799	138,136	228,488	253,932	175,696	178,821	146,599	280,150	510,906
2067	77,191	6,751	134,951	216,017	240,814	162,505	164,803	132,560	273,218	451,089

Subtotals 2018 to 2067:	14,535,814	8,192,910	20,497,390	42,221,437	29,143,830	15,042,869	24,712,411	23,435,721	30,511,304	51,746,239
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Notes: (a) See Exhibit III, Column (5).

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



Estimated Prospective Period Loss & ALAE Payments - By Birth Year  
Estimated 2017 Level Basis - Before Future Inflation & Anticipated Investment Income

Before Consideration of Reinsurance Recoveries  
Evaluated As of December 31, 2017

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 @ 12/31/17 (a)	14,979,663	8,210,228	21,623,514	43,690,006	31,156,923	16,488,406	25,908,631	24,406,312	32,799,513	55,888,538

**Estimated Prospective Period Loss & Expense Payments - 2017 Level Basis - (b)**

2068	60,095	4,576	117,619	173,709	201,917	139,228	140,022	114,906	223,048	388,362
2069	53,922	3,492	109,094	162,478	188,091	130,220	128,447	105,436	208,215	377,299
2070	48,182	2,640	100,944	140,805	175,104	122,047	117,520	96,415	194,065	340,060
2071	42,849	1,973	93,134	126,221	162,854	114,563	107,173	87,810	180,526	318,797
2072	42,889	1,605	87,938	121,358	161,776	113,352	101,246	81,110	185,663	309,586
2073	40,841	1,229	78,979	109,572	151,691	111,796	94,620	77,623	169,834	332,043
2074	28,194	682	71,273	88,079	125,798	90,448	77,664	63,477	140,701	252,354
2075	23,906	443	64,557	77,333	113,728	82,217	68,616	56,039	127,937	230,040
2076	20,091	279	58,165	67,677	102,487	74,668	60,258	49,122	115,863	209,465
2077	20,013	201	54,259	67,400	102,726	74,056	56,830	45,027	121,100	217,230
2078	13,620	95	46,312	51,174	81,428	60,240	45,208	36,667	93,176	170,308
2079	10,966	51	40,867	44,228	71,711	53,434	38,561	31,167	82,628	151,866
2080	11,342	32	35,820	39,215	68,062	54,324	35,208	28,466	80,573	158,050
2081	6,765	11	30,988	33,524	54,131	40,828	27,080	21,691	63,304	123,252
2082	6,141	5	26,714	29,361	49,667	37,048	23,140	17,948	61,065	106,653
2083	3,904	2	22,515	23,737	39,348	29,939	18,041	14,273	46,642	87,722
2084	2,862	0	18,825	20,094	32,865	24,952	14,346	11,278	39,246	73,913
2085	2,067	0	15,510	17,202	27,193	20,581	11,228	8,761	32,639	65,015
2086	1,469	0	12,572	14,169	22,263	16,769	8,633	6,681	26,794	50,887
2087	1,638	0	10,283	12,866	20,731	16,344	7,453	5,512	27,734	51,816
2088	686	0	7,823	9,701	14,241	10,392	4,758	3,628	17,136	32,506
2089	1,409	-	5,990	7,976	11,178	7,978	3,413	2,581	13,366	27,017
2090	-	-	4,487	6,394	8,622	5,941	2,374	1,785	10,197	19,250
2091	-	-	11,457	5,101	6,559	4,337	1,606	1,200	7,625	14,317
2092	-	-	-	19,195	5,206	3,203	1,093	783	6,256	10,836
2093	-	-	-	-	13,716	2,140	666	492	3,984	7,964
2094	-	-	-	-	-	4,490	436	314	3,151	5,986
2095	-	-	-	-	-	-	579	175	1,896	3,388
2096	-	-	-	-	-	-	-	223	1,261	2,202
2097	-	-	-	-	-	-	-	-	2,585	1,692
2098	-	-	-	-	-	-	-	-	-	2,424
2099	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-
2101	-	-	-	-	-	-	-	-	-	-
2102	-	-	-	-	-	-	-	-	-	-
2103	-	-	-	-	-	-	-	-	-	-
2104	-	-	-	-	-	-	-	-	-	-
2105	-	-	-	-	-	-	-	-	-	-
2106	-	-	-	-	-	-	-	-	-	-
2107	-	-	-	-	-	-	-	-	-	-
2108	-	-	-	-	-	-	-	-	-	-
2109	-	-	-	-	-	-	-	-	-	-
2110	-	-	-	-	-	-	-	-	-	-
2111	-	-	-	-	-	-	-	-	-	-
2112	-	-	-	-	-	-	-	-	-	-
2113	-	-	-	-	-	-	-	-	-	-
2114	-	-	-	-	-	-	-	-	-	-
2115	-	-	-	-	-	-	-	-	-	-
2116	-	-	-	-	-	-	-	-	-	-
2117	-	-	-	-	-	-	-	-	-	-
Subtotals 2068 to 2117:	443,849	17,317	1,126,125	1,468,569	2,013,093	1,445,536	1,196,220	970,591	2,288,210	4,142,299
Totals 2018 to 2117:	14,979,663	8,210,228	21,623,514	43,690,006	31,156,923	16,488,406	25,908,631	24,406,312	32,799,513	55,888,538

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 2017 Level Loss & ALAE Reserve - Before Inflation and Anticipated Investment Income  
Adjustment of Birth Year Level Estimated Outstanding to 2017 Level Outstanding Loss & Expense

Evaluated As of December 31, 2017

Year of Birth	Birth Year Level (a) Outstanding Loss & ALAE	Outstanding Basis (b) Inflation - Cal. Year	2017 Level Adjustment Factor (c)	2017 Level Outstanding Loss & ALAE (2) x (4)	Actual Paid (d) Loss & ALAE @ 12/31/17	Indicated 2017 Level Ultimate Loss & ALAE (5) + (6)	2017 Level Case O/S (e) Loss & ALAE @ 12/31/17	2017 Level IBNR / Bulk Outstanding (5) - (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	10,592,462	0.81%	1.414	14,979,663	14,005,813	28,985,476	11,174,156	3,805,506
1990	5,852,572	0.53%	1.403	8,210,228	5,259,055	13,469,282	6,061,758	2,148,470
1991	15,496,044	0.47%	1.395	21,623,514	7,914,327	29,537,841	18,876,339	2,747,175
1992	31,457,421	0.42%	1.389	43,690,006	12,637,596	56,327,602	37,237,017	6,452,989
1993	22,526,599	0.39%	1.383	31,156,923	18,462,866	49,619,789	24,867,593	6,289,330
1994	11,967,962	0.35%	1.378	16,488,406	6,558,068	23,046,473	13,271,661	3,216,745
1995	18,870,525	0.37%	1.373	25,908,631	9,127,251	35,035,883	22,492,104	3,416,527
1996	17,841,576	0.24%	1.368	24,406,312	8,332,647	32,738,959	20,941,023	3,465,289
1997	24,035,111	0.26%	1.365	32,799,513	10,353,402	43,152,916	27,769,152	5,030,361
1998	41,060,096	0.35%	1.361	55,888,538	17,753,456	73,641,994	47,930,180	7,958,358
1999	13,559,496	0.42%	1.356	18,392,826	11,027,705	29,420,531	14,568,283	3,824,543
2000	13,501,573	0.30%	1.351	18,238,551	5,247,834	23,486,385	15,413,058	2,825,494
2001	18,470,131	0.38%	1.347	24,874,928	7,204,833	32,079,761	21,708,067	3,166,861
2002	47,501,003	0.29%	1.342	63,733,369	14,279,238	78,012,606	53,956,008	9,777,361
2003	12,053,740	4.94%	1.338	16,126,298	4,352,130	20,478,428	13,692,280	2,434,018
2004	21,947,255	0.87%	1.275	27,979,864	4,770,134	32,749,998	23,164,682	4,815,181
2005	25,958,069	4.86%	1.264	32,809,045	7,095,668	39,904,713	25,193,412	7,615,633
2006	42,325,157	0.50%	1.205	51,017,788	8,325,390	59,343,178	40,080,691	10,937,097
2007	32,704,665	4.55%	1.199	39,224,414	8,849,635	48,074,049	29,469,040	9,755,374
2008	52,623,887	0.35%	1.147	60,366,825	5,061,580	65,428,405	47,421,717	12,945,108
2009	59,510,696	0.29%	1.143	68,028,717	6,451,376	74,480,094	52,019,236	16,009,482
2010	30,254,762	0.42%	1.140	34,485,989	2,674,347	37,160,337	25,496,051	8,989,939
2011	55,100,476	9.83%	1.135	62,541,899	3,794,991	66,336,890	43,596,523	18,945,376
2012	37,616,100	0.72%	1.033	38,874,869	2,323,849	41,198,718	26,339,926	12,534,943
2013	48,343,814	0.19%	1.026	49,603,130	3,154,345	52,757,475	27,520,761	22,082,370
2014	65,980,557	0.17%	1.024	67,570,845	2,940,791	70,511,636	36,263,405	31,307,440
2015	62,189,215	2.01%	1.022	63,579,093	1,346,365	64,925,458	23,963,125	39,615,968
2016	56,008,549	0.22%	1.002	56,133,941	390,803	56,524,744	2,798,592	53,335,348
2017	69,642,900		1.000	69,642,900	5,229	69,648,129	215,386	69,427,514
Totals:								
All Years	964,992,415			1,138,377,025	209,700,723	1,348,077,748	753,501,226	384,875,798
1989 to 1998	199,700,369			275,151,733	110,404,480	385,556,214	230,620,983	44,530,750
1999 to 2017	765,292,046			863,225,292	99,296,243	962,521,534	522,880,243	340,345,048

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 2017 level - based on factors shown in column (3).

(d) The 2017 level case outstanding as provided by NICA as of December 31, 2017. See Exhibit IX, Sheets 4a, 4b and 4c.

(e) The 2017 level case outstanding as provided by NICA as of December 31, 2017. See Exhibit IX, Sheets 2a, 2b and 2c.

Birth Year Level Loss & ALAE

Evaluated As of December 31, 2017

Year of Birth	Birth Year Level						Open (d) Accepted Claim Counts @ 12/31/17
	Ultimate (a) Loss & ALAE	Paid (b) Loss & ALAE @ 12/31/17	Incurred (c) Loss & ALAE @ 12/31/17	Case O/S Loss & ALAE @ 12/31/17 (4) - (3)	IBNR / Bulk Loss & ALAE @ 12/31/17 (2) - (4)	Case+IBNR Loss & ALAE @ 12/31/17 (2) - (3)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	22,247,493	11,655,031	19,556,533	7,901,502	2,690,961	10,592,462	4
1990	10,241,714	4,389,142	8,710,201	4,321,058	1,531,514	5,852,572	3
1991	21,603,024	6,106,980	19,634,317	13,527,338	1,968,706	15,496,044	4
1992	41,648,941	10,191,521	37,002,699	26,811,178	4,646,243	31,457,421	9
1993	37,954,191	15,427,591	33,406,976	17,979,385	4,547,215	22,526,599	8
1994	17,763,746	5,795,784	15,428,901	9,633,117	2,334,845	11,967,962	4
1995	26,306,261	7,435,735	23,817,836	16,382,101	2,488,424	18,870,525	5
1996	24,969,372	7,127,796	22,436,166	15,308,370	2,533,206	17,841,576	6
1997	32,694,782	8,659,671	29,008,591	20,348,919	3,686,191	24,035,111	8
1998	55,860,280	14,800,184	50,013,448	35,213,264	5,846,833	41,060,096	12
1999	23,002,739	9,443,243	20,183,223	10,739,979	2,819,517	13,559,496	3
2000	18,099,943	4,598,371	16,008,297	11,409,926	2,091,647	13,501,573	5
2001	24,719,308	6,249,177	22,367,851	16,118,674	2,351,458	18,470,131	4
2002	59,580,427	12,079,423	52,293,280	40,213,856	7,287,147	47,501,003	13
2003	15,763,511	3,709,771	13,944,183	10,234,412	1,819,328	12,053,740	3
2004	26,097,578	4,150,323	22,320,576	18,170,253	3,777,002	21,947,255	5
2005	32,030,326	6,072,256	26,004,940	19,932,684	6,025,385	25,958,069	7
2006	49,374,895	7,049,737	40,301,308	33,251,571	9,073,587	42,325,157	9
2007	40,252,269	7,547,604	32,118,399	24,570,796	8,133,869	32,704,665	7
2008	57,179,737	4,555,850	45,895,031	41,339,181	11,284,706	52,623,887	10
2009	65,746,467	6,235,772	51,741,567	45,505,796	14,004,900	59,510,696	10
2010	32,871,068	2,616,306	24,984,142	22,367,836	7,886,926	30,254,762	5
2011	58,807,873	3,707,397	42,116,674	38,409,278	16,691,198	55,100,476	10
2012	39,903,132	2,287,032	27,774,071	25,487,039	12,129,061	37,616,100	7
2013	51,458,790	3,114,977	29,937,044	26,822,068	21,521,746	48,343,814	8
2014	68,887,830	2,907,274	38,317,215	35,409,942	30,570,615	65,980,557	14
2015	63,520,691	1,331,475	24,770,752	23,439,277	38,749,938	62,189,215	9
2016	56,397,130	388,581	3,180,922	2,792,341	53,216,208	56,008,549	2
2017	69,648,129	5,229	220,615	215,386	69,427,514	69,642,900	-
Totals:	1,144,631,648	179,639,233	793,495,756	613,856,523	351,135,892	964,992,415	194

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 &amp; ALAE

Evaluated As of December 31, 2017

Year of Birth	Ultimate Loss & ALAE - Birth Year Level							Prior Selected Ultimate BY Level @ 9/30/17	Increase or (Decrease) From 9/30/17 to 12/31/17
	Paid Projection (a)	Incurred Projection (b)	Frequency/Severity (c)	Bornhuetter-Ferguson (d)	Cape Cod Method (e)	Incremental Payment Method (f)	Selected (g)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	33,799,590	21,609,969	23,356,576	21,775,936	21,740,228	22,960,013	22,247,493	22,337,474	(89,981)
1990	13,046,726	9,663,271	11,242,814	9,819,058	11,077,451	9,883,838	10,241,714	8,643,202	1,598,513
1991	18,697,588	21,869,835	21,143,633	21,795,603	22,366,782	27,283,453	21,603,024	22,170,415	(567,391)
1992	32,451,249	41,380,603	42,108,599	41,457,622	40,103,903	46,350,152	41,648,941	41,229,682	419,260
1993	51,088,587	37,508,897	38,713,089	37,640,586	36,715,786	41,768,458	37,954,191	38,499,819	(545,629)
1994	20,152,423	17,392,653	18,392,988	17,505,598	18,523,467	20,965,964	17,763,746	17,597,560	166,187
1995	27,147,403	26,446,572	26,063,696	26,408,515	26,648,818	32,338,887	26,306,261	25,493,124	813,137
1996	27,324,292	24,912,409	25,067,848	24,927,859	25,387,987	25,470,165	24,969,372	25,619,799	(650,427)
1997	34,856,547	32,339,062	33,306,582	32,438,703	32,202,052	38,155,349	32,694,782	32,923,268	(228,486)
1998	62,551,737	55,811,238	55,944,519	55,825,083	53,078,518	66,437,637	55,860,280	57,494,197	(1,633,916)
1999	42,106,187	22,545,478	23,787,161	22,675,578	23,136,321	21,943,275	23,002,739	21,474,592	1,528,147
2000	21,631,226	17,899,798	18,442,848	17,957,183	18,798,146	16,630,370	18,099,943	16,885,896	1,214,048
2001	31,013,620	25,110,825	24,051,942	24,995,158	25,524,116	28,823,696	24,719,308	24,529,083	190,225
2002	63,545,048	59,293,076	60,064,105	59,384,099	55,993,797	64,390,325	59,580,427	60,767,324	(1,186,897)
2003	20,784,149	15,968,810	15,422,213	15,899,509	18,233,154	15,418,254	15,763,511	13,875,408	1,888,103
2004	24,880,025	26,200,449	25,931,642	26,160,643	27,933,660	29,051,436	26,097,578	23,968,738	2,128,840
2005	39,131,585	31,135,753	33,439,791	31,515,432	32,683,436	30,179,616	32,030,326	32,585,062	(554,736)
2006	49,065,252	49,217,871	49,616,689	49,290,123	48,023,368	50,110,600	49,374,895	47,903,199	1,471,695
2007	57,783,373	40,009,005	40,618,575	40,129,225	41,196,093	36,836,187	40,252,269	41,709,831	(1,457,562)
2008	38,366,827	58,313,579	55,509,265	57,716,368	56,418,360	63,571,776	57,179,737	57,324,622	(144,885)
2009	57,765,612	67,385,658	63,394,632	66,459,112	64,006,617	62,830,489	65,746,467	63,545,935	2,200,532
2010	27,871,834	33,514,254	31,976,172	33,122,778	38,824,994	35,833,843	32,871,068	31,328,208	1,542,860
2011	45,419,661	59,321,003	58,127,695	58,974,919	58,259,660	50,607,369	58,807,873	57,836,183	971,690
2012	32,921,907	40,684,343	38,905,263	40,119,791	47,507,158	39,425,420	39,903,132	33,036,604	6,866,528
2013	52,687,232	49,334,327	49,779,131	49,509,215	55,088,025	39,564,082	51,458,790	49,311,101	2,147,690
2014	63,926,339	68,511,576	69,525,321	68,958,353	68,179,817	55,954,666	68,887,830	69,749,315	(861,485)
2015	46,843,258	56,470,209	64,597,931	61,032,692	64,931,449	60,658,434	63,520,691	68,305,316	(4,784,625)
2016	41,012,518	23,567,665	52,306,692	48,427,792	68,456,906	50,825,509	56,397,130	64,145,176	(7,748,046)
2017	N/A	N/A	67,291,078	65,695,240	75,958,068	57,976,727	69,648,129	52,323,187	N/A
Totals:									
All Years	N/A	N/A	1,138,128,491	1,127,617,776	1,176,998,135	1,142,245,989	1,144,631,648	N/A	N/A
1989 - 2016	1,077,871,793	1,033,418,189	1,070,837,413	1,061,922,536	1,101,040,068	1,084,269,263	1,074,983,520	1,070,290,131	4,693,388
1989 - 2015	1,036,859,276	1,009,850,524	1,018,530,722	1,013,494,743	1,032,583,162	1,033,443,754	1,018,586,390	1,006,144,956	12,441,434

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) &amp; (5) for birth years 2012 and prior. The selection for birth years 2013 and subsequent is based on average of columns (4), (5) &amp; (6).

Estimation of Ultimate Loss & ALAE - Adjusted to Birth Year Level  
Based on Bornhuetter-Ferguson Approach  
Evaluated As of December 31, 2017

Year of Birth	Birth Year Level Initial Expected Ultimate (a) Loss & ALAE	Expected Percent (b) Unreported @ 12/31/17	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	23,356,576	9.5%	2,219,403	19,556,533	21,775,936
1990	11,242,814	9.9%	1,108,857	8,710,201	9,819,058
1991	21,143,633	10.2%	2,161,286	19,634,317	21,795,603
1992	42,108,599	10.6%	4,454,924	37,002,699	41,457,622
1993	38,713,089	10.9%	4,233,610	33,406,976	37,640,586
1994	18,392,988	11.3%	2,076,697	15,428,901	17,505,598
1995	26,063,696	9.9%	2,590,678	23,817,836	26,408,515
1996	25,067,848	9.9%	2,491,693	22,436,166	24,927,859
1997	33,306,582	10.3%	3,430,112	29,008,591	32,438,703
1998	55,944,519	10.4%	5,811,636	50,013,448	55,825,083
1999	23,787,161	10.5%	2,492,356	20,183,223	22,675,578
2000	18,442,848	10.6%	1,948,887	16,008,297	17,957,183
2001	24,051,942	10.9%	2,627,308	22,367,851	24,995,158
2002	60,064,105	11.8%	7,090,820	52,293,280	59,384,099
2003	15,422,213	12.7%	1,955,326	13,944,183	15,899,509
2004	25,931,642	14.8%	3,840,067	22,320,576	26,160,643
2005	33,439,791	16.5%	5,510,492	26,004,940	31,515,432
2006	49,616,689	18.1%	8,988,815	40,301,308	49,290,123
2007	40,618,575	19.7%	8,010,826	32,118,399	40,129,225
2008	55,509,265	21.3%	11,821,337	45,895,031	57,716,368
2009	63,394,632	23.2%	14,717,544	51,741,567	66,459,112
2010	31,976,172	25.5%	8,138,637	24,984,142	33,122,778
2011	58,127,695	29.0%	16,858,245	42,116,674	58,974,919
2012	38,905,263	31.7%	12,345,720	27,774,071	40,119,791
2013	49,779,131	39.3%	19,572,171	29,937,044	49,509,215
2014	69,525,321	44.1%	30,641,138	38,317,215	68,958,353
2015	64,597,931	56.1%	36,261,940	24,770,752	61,032,692
2016	52,306,692	86.5%	45,246,871	3,180,922	48,427,792
2017	67,291,078	97.3%	65,474,626	220,615	65,695,240
Totals:	1,138,128,491		334,122,020	793,495,756	1,127,617,776

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.

(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 2017 Level (6)	Estimated 2017 Level Ultimate Loss & ALAE (4) x (6) (7)	Estimated Ultimate (d) Accepted Claim Cts. (8)	Indicated Average Claim Size		Birth Year Level Average Claim Size Based on All Years Average (15) / (6) (11)	Estimated % Rept. (e) (12)	Indicated Average (f) Claim Size (13)	Estimated Birth Year Level Ultimate Loss & ALAE (13) x (8) (14)
	Adjusted Paid Proj. (a) (2)	Adjusted Inc. Proj. (b) (3)	Selected (4)					Birth Year Level (4) / (8) (9)	2017 Level (7) / (8) (10)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1989	33,799,590	21,609,969	21,609,969	0.90%	1.424	30,768,014	11.0	1,964,543	2,797,092	3,635,539	90.50%	2,123,325	23,356,576
1990	13,046,726	9,663,271	9,663,271	0.63%	1.411	13,635,411	7.0	1,380,467	1,947,916	3,668,344	90.14%	1,606,116	11,242,814
1991	18,697,588	21,869,835	21,869,835	0.57%	1.402	30,667,070	4.0	5,467,459	7,666,767	3,691,368	89.78%	5,285,908	21,143,633
1992	32,451,249	41,380,603	41,380,603	0.54%	1.394	57,696,753	13.0	3,183,123	4,438,212	3,712,441	89.42%	3,239,123	42,108,599
1993	51,088,587	37,508,897	37,508,897	0.48%	1.387	52,019,751	13.0	2,885,300	4,001,519	3,732,331	89.06%	2,977,930	38,713,089
1994	20,152,423	17,392,653	17,392,653	0.41%	1.380	24,005,338	7.0	2,484,665	3,429,334	3,750,353	88.71%	2,627,570	18,392,988
1995	27,147,403	26,446,572	26,446,572	0.44%	1.375	36,352,116	6.0	4,407,762	6,058,686	3,765,770	90.06%	4,343,949	26,063,696
1996	27,324,292	24,912,409	24,912,409	0.31%	1.369	34,093,524	7.0	3,558,916	4,870,503	3,782,317	90.06%	3,581,121	25,067,848
1997	34,856,547	32,339,062	32,339,062	0.32%	1.364	44,121,163	11.0	2,939,915	4,011,015	3,793,976	89.70%	3,027,871	33,306,582
1998	62,551,737	55,811,238	55,811,238	0.41%	1.360	75,898,769	15.0	3,720,749	5,059,918	3,806,283	89.61%	3,729,635	55,944,519
1999	42,106,187	22,545,478	22,545,478	0.47%	1.354	30,535,578	9.0	2,505,053	3,392,842	3,821,795	89.52%	2,643,018	23,787,161
2000	21,631,226	17,899,798	17,899,798	0.38%	1.348	24,129,766	6.0	2,983,300	4,021,628	3,839,805	89.43%	3,073,808	18,442,848
2001	31,013,620	25,110,825	25,110,825	0.46%	1.343	33,723,323	4.0	6,277,706	8,430,831	3,854,293	89.08%	6,012,985	24,051,942
2002	63,545,048	59,293,076	59,293,076	0.36%	1.337	79,264,977	17.0	3,487,828	4,662,646	3,872,013	88.19%	3,533,183	60,064,105
2003	20,784,149	15,968,810	15,968,810	4.59%	1.332	21,271,449	3.0	5,322,937	7,090,483	3,885,882	87.32%	5,140,738	15,422,213
2004	24,880,025	26,200,449	26,200,449	0.92%	1.274	33,369,328	6.0	4,366,742	5,561,555	4,064,203	85.19%	4,321,940	25,931,642
2005	39,131,585	31,135,753	31,135,753	4.47%	1.262	39,293,501	11.0	2,830,523	3,572,136	4,101,595	83.52%	3,039,981	33,439,791
2006	49,065,252	49,217,871	49,217,871	0.58%	1.208	59,455,527	12.0	4,101,489	4,954,627	4,284,940	81.88%	4,134,724	49,616,689
2007	57,783,373	40,009,005	40,009,005	4.75%	1.201	48,050,352	10.0	4,000,901	4,805,035	4,309,981	80.28%	4,061,858	40,618,575
2008	38,366,827	58,313,579	58,313,579	1.08%	1.147	66,860,601	10.0	5,831,358	6,686,060	4,514,540	78.70%	5,550,926	55,509,265
2009	57,765,612	67,385,658	67,385,658	0.34%	1.134	76,439,349	11.0	6,125,969	6,949,032	4,563,149	76.78%	5,763,148	63,394,632
2010	27,871,834	33,514,254	33,514,254	0.48%	1.131	37,889,324	6.0	5,585,709	6,314,887	4,578,538	74.55%	5,329,362	31,976,172
2011	45,419,661	59,321,003	59,321,003	8.92%	1.125	66,744,286	12.0	4,943,417	5,562,024	4,600,537	71.00%	4,843,975	58,127,695
2012	32,921,907	40,684,343	40,684,343	0.71%	1.033	42,024,824	7.0	5,812,049	6,003,546	5,011,128	68.27%	5,557,895	38,905,263
2013	52,687,232	49,334,327	49,334,327	0.23%	1.026	50,601,998	10.0	4,933,433	5,060,200	5,046,563	60.68%	4,977,913	49,779,131
2014	63,926,339	68,511,576	68,511,576	0.19%	1.023	70,113,330	14.0	4,893,684	5,008,095	5,057,985	55.93%	4,966,094	69,525,321
2015	46,843,258	56,470,209	56,470,209	1.87%	1.021	57,678,566	14.0	4,033,586	4,119,898	5,067,795	43.87%	4,614,138	64,597,931
2016	41,012,518	23,567,665	23,567,665	0.26%	1.003	23,628,997	11.0	2,142,515	2,148,091	5,162,801	13.50%	4,755,154	52,306,692
2017	N/A	N/A	N/A		1.000	N/A	13.0	N/A	N/A	5,176,237	N/A	5,176,237	67,291,078
Totals / Averages:													
1992 - 2010	729,516,976	682,385,991	682,385,991			874,470,487	177	3,855,288	4,940,511				681,852,359
1992 - 2011	774,936,637	741,706,995	741,706,995			941,214,773	189	3,924,376	4,979,972				739,980,054
1992 - 2012	807,858,543	782,391,338	782,391,338			983,239,596	196	3,991,793	5,016,529				778,885,316
1994 - 2010	645,977,139	603,496,491	603,496,491			764,753,984	151	3,996,666	5,064,596				601,030,670
1995 - 2011	671,244,377	645,424,842	645,424,842			807,492,932	156	4,137,339	5,176,237				640,765,377
1996 - 2012	677,018,881	659,662,613	659,662,613			813,165,640	157	4,201,673	5,179,399				653,606,944
1997 - 2013	702,381,821	684,084,531	684,084,531			829,674,114	160	4,275,528	5,185,463				678,318,227

(15) Selected 2017 Level Average Claim Size ==> 5,176,237

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

(b) See Exhibit VII, Sheet 1.

(c) See Exhibit IX, Sheets 5a, 5b and 5c, calendar year factors.

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

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

(f) The historical birth year level average claim size is based on a combination (wtd. avg.) of the average for all years (column (10)) and the average based on experience (column (9)) for all birth years prior to the current birth year. The calculation for the current birth year is shown in Item (15). The weights are based on reporting pattern as shown in column (12).

Estimation of Birth Year Level Ultimate Loss & ALAE  
Based on Cape Cod Type Methodology

Evaluated As of December 31, 2017

Year of Birth	Insured (a) Physicians	Birth Year Level (b) Incurred Loss & ALAE @ 12/31/17	Expected Percent (c) Reported @ 12/31/17	Exposure Adjusted to Expected Percent Reported (2) X (4)	Adjustment Factor to (d) 2017 Level	Incurred (Reported) Loss & ALAE Adjusted to BY 2017 Level (3) X (6)	2017 Level Loss & ALAE per Insured Physician (7) / (5)	Indicated (e) BY Level Unreported Loss & ALAE	Indicated BY Level Ultimate Loss & ALAE (3) + (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)	(11)
1989	570	19,556,533	90.50%	515.8	1.424	27,844,357	53,979	2,183,695	21,740,228
1990	590	8,710,201	90.14%	531.8	1.411	12,290,576	23,111	2,367,250	11,077,451
1991	653	19,634,317	89.78%	586.3	1.402	27,532,305	46,963	2,732,464	22,366,782
1992	712	37,002,699	89.42%	636.7	1.394	51,592,664	81,035	3,101,204	40,103,903
1993	731	33,406,976	89.06%	651.1	1.387	46,330,943	71,162	3,308,810	36,715,786
1994	659	15,428,901	88.71%	584.6	1.380	21,294,967	36,427	3,094,566	18,523,467
1995	682	23,817,836	90.06%	614.2	1.375	32,738,790	53,302	2,830,981	26,648,818
1996	708	22,436,166	90.06%	637.6	1.369	30,704,697	48,155	2,951,821	25,387,987
1997	737	29,008,591	89.70%	661.1	1.364	39,577,300	59,866	3,193,461	32,202,052
1998	699	50,013,448	89.61%	626.4	1.360	68,014,243	108,582	3,065,070	53,078,518
1999	665	20,183,223	89.52%	595.3	1.354	27,336,141	45,918	2,953,098	23,136,321
2000	620	16,008,297	89.43%	554.5	1.348	21,579,933	38,919	2,789,850	18,798,146
2001	676	22,367,851	89.08%	602.2	1.343	30,039,565	49,887	3,156,266	25,524,116
2002	730	52,293,280	88.19%	643.8	1.337	69,907,413	108,582	3,700,517	55,993,797
2003	785	13,944,183	87.32%	685.5	1.332	18,574,520	27,097	4,288,971	18,233,154
2004	841	22,320,576	85.19%	716.5	1.274	28,427,857	39,678	5,613,084	27,933,660
2005	891	26,004,940	83.52%	744.2	1.262	32,818,385	44,100	6,678,495	32,683,436
2006	897	40,301,308	81.88%	734.5	1.208	48,684,257	66,283	7,722,060	48,023,368
2007	963	32,118,399	80.28%	773.1	1.201	38,573,826	49,897	9,077,694	41,196,093
2008	987	45,895,031	78.70%	776.8	1.147	52,621,866	67,741	10,523,329	56,418,360
2009	1,044	51,741,567	76.78%	801.6	1.134	58,693,375	73,218	12,265,050	64,006,617
2010	1,071	24,984,142	74.55%	798.4	1.131	28,245,660	35,378	13,840,852	38,824,994
2011	1,091	42,116,674	71.00%	774.6	1.125	47,387,050	61,177	16,142,986	58,259,660
2012	1,119	27,774,071	68.27%	763.9	1.033	28,689,180	37,556	19,733,087	47,507,158
2013	1,143	29,937,044	60.68%	693.6	1.026	30,706,293	44,271	25,150,980	55,088,025
2014	1,208	38,317,215	55.93%	675.6	1.023	39,213,045	58,041	29,862,602	68,179,817
2015	1,273	24,770,752	43.87%	558.4	1.021	25,300,800	45,309	40,160,697	64,931,449
2016	1,318	3,180,922	13.50%	177.9	1.003	3,189,200	17,928	65,275,984	68,456,906
2017	1,356	220,615	2.70%	36.6	1.000	220,615	6,027	75,737,453	75,958,068

## Totals / Averages:

1992 - 2010	15,098	579,277,412		12,838		745,756,402	58,090	104,155,180	683,432,592
1992 - 2011	16,189	621,394,086		13,613		793,143,452	58,266	120,298,166	741,692,252
1992 - 2012	17,308	649,168,157		14,376		821,832,632	57,165	140,031,253	789,199,410
1994 - 2010	13,655	508,867,737		11,550		647,832,795	56,088	97,745,166	606,612,903
1995 - 2011	14,087	535,555,511		11,740		673,924,878	57,403	110,793,586	646,349,097
1996 - 2012	14,524	539,511,746		11,890		669,875,269	56,340	127,695,691	667,207,437
1997 - 2013	14,959	547,012,624		11,946		669,876,864	56,076	149,894,851	696,907,475

(9) Indicated 2017 Level Loss &amp; ALAE per Insured Physician

57,403

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).

Incurred Loss & ALAE - Adjusted to Birth Year Cost Basis

Evaluated As of December 31, 2017

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	19,556,533	1.105	1.105	21,609,969
1990	8,710,201	1.004	1.109	9,663,271
1991	19,634,317	1.004	1.114	21,869,835
1992	37,002,699	1.004	1.118	41,380,603
1993	33,406,976	1.004	1.123	37,508,897
1994	15,428,901	1.004	1.127	17,392,653
1995	23,817,836	0.985	1.110	26,446,572
1996	22,436,166	1.000	1.110	24,912,409
1997	29,008,591	1.004	1.115	32,339,062
1998	50,013,448	1.001	1.116	55,811,238
1999	20,183,223	1.001	1.117	22,545,478
2000	16,008,297	1.001	1.118	17,899,798
2001	22,367,851	1.004	1.123	25,110,825
2002	52,293,280	1.010	1.134	59,293,076
2003	13,944,183	1.010	1.145	15,968,810
2004	22,320,576	1.025	1.174	26,200,449
2005	26,004,940	1.020	1.197	31,135,753
2006	40,301,308	1.020	1.221	49,217,871
2007	32,118,399	1.020	1.246	40,009,005
2008	45,895,031	1.020	1.271	58,313,579
2009	51,741,567	1.025	1.302	67,385,658
2010	24,984,142	1.030	1.341	33,514,254
2011	42,116,674	1.050	1.408	59,321,003
2012	27,774,071	1.040	1.465	40,684,343
2013	29,937,044	1.125	1.648	49,334,327
2014	38,317,215	1.085	1.788	68,511,576
2015	24,770,752	1.275	2.280	56,470,209
2016	3,180,922	3.250	7.409	23,567,665
2017	220,615	5.000	37.045	8,172,742
Totals:	793,495,756			1,041,590,931



Evaluated As of December 31, 2017

Year of Birth	12	24	36	48	60	72	84	96	108	120
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1989			22,900,192	26,767,982	22,741,441	23,560,058	15,318,159	16,901,769	18,189,082	18,962,144
1990		7,489,359	18,053,848	20,844,624	19,847,553	16,229,343	16,266,403	13,340,164	12,648,623	12,837,638
1991	-	4,798,855	11,105,172	10,509,384	7,539,150	8,003,717	7,831,658	7,736,323	8,253,546	8,411,888
1992	7,602,661	10,705,955	28,518,964	16,520,132	18,059,922	16,030,745	16,450,963	17,074,760	16,446,865	19,103,875
1993	6,301,687	9,999,517	18,393,330	23,289,781	25,795,212	33,245,452	35,082,338	42,110,326	56,372,067	53,146,085
1994	3,338,772	4,318,215	7,507,258	8,085,741	9,916,265	12,461,164	18,173,193	13,530,824	10,173,830	9,791,932
1995	1,153,000	1,231,143	6,835,684	13,646,251	12,287,360	13,047,529	21,085,691	19,451,595	20,297,196	20,896,661
1996	110,998	4,137,685	7,923,000	8,538,898	14,944,703	21,556,615	24,288,466	24,816,442	30,336,112	28,532,883
1997	11,089	11,019,770	13,144,260	14,424,638	24,375,370	28,179,263	29,555,246	23,464,442	26,429,055	26,420,631
1998	2,610,100	10,960,595	18,024,076	28,745,509	31,189,555	41,533,037	37,949,533	40,800,393	45,614,928	46,130,386
1999	4,664,411	8,208,855	16,018,109	24,621,185	26,203,061	25,411,865	28,483,857	23,840,420	24,526,680	26,637,452
2000	4,376,121	18,068,978	21,467,775	24,409,531	15,555,687	14,964,113	16,125,197	15,797,270	15,687,188	19,344,243
2001	172,500	5,227,107	9,845,781	10,340,561	11,740,260	16,807,620	19,900,843	18,995,587	18,474,621	20,784,245
2002	2,722,928	11,837,373	23,591,838	29,933,370	32,379,882	36,953,657	43,022,333	58,139,110	56,330,139	64,474,864
2003	217,366	491,998	4,453,766	9,034,415	8,305,885	8,821,131	9,829,937	11,926,620	12,997,618	12,655,419
2004	15,000	3,421,184	10,539,319	18,003,758	22,217,361	24,289,430	20,503,494	20,841,178	19,452,313	20,208,929
2005	-	5,519,628	17,845,800	30,140,610	36,521,091	46,540,148	44,813,533	41,292,902	33,781,089	27,628,620
2006	3,121,500	7,079,325	18,393,131	31,707,933	35,471,353	45,441,449	42,143,072	41,744,064	42,516,892	44,441,026
2007	3,762,554	6,807,088	15,315,235	30,416,778	40,210,791	39,090,633	37,102,011	37,007,322	35,738,296	36,504,081
2008	2,640,000	19,218,776	27,280,095	44,807,938	43,159,523	47,331,027	45,044,790	50,058,920	46,086,984	45,895,031
2009	2,400,124	12,177,272	32,514,356	39,341,142	43,203,068	41,330,205	43,561,977	46,172,176	51,741,567	
2010	367,288	11,656,599	21,344,733	25,874,283	24,650,614	24,974,281	23,541,000	24,984,142		
2011	8,025,000	16,488,187	25,354,597	34,914,523	43,333,169	41,503,854	42,116,674			
2012	12,090,000	20,200,397	28,014,792	31,000,272	23,386,004	27,774,071				
2013	8,415,555	14,078,802	24,067,484	27,330,825	29,937,044					
2014	6,459,800	22,959,005	36,897,996	38,317,215						
2015	-	18,339,596	24,770,752							
2016	2,984,445	3,180,922								
2017	220,615									
	12:24	24:36	36:48	48:60	60:72	72:84	84:96	96:108	108:120	120:132
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1989			1.169	0.850	1.036	0.650	1.103	1.076	1.043	0.894
1990		2.411	1.155	0.952	0.818	1.002	0.820	0.948	1.015	1.040
1991		2.314	0.946	0.717	1.062	0.979	0.988	1.067	1.019	1.416
1992	1.408	2.664	0.579	1.093	0.888	1.026	1.038	0.963	1.162	1.153
1993	1.587	1.839	1.266	1.108	1.289	1.055	1.200	1.339	0.943	0.915
1994	1.293	1.739	1.077	1.226	1.257	1.458	0.745	0.752	0.962	1.055
1995	1.068	5.552	1.996	0.900	1.062	1.616	0.923	1.043	1.030	1.141
1996	37.277	1.915	1.078	1.750	1.442	1.127	1.022	1.222	0.941	1.103
1997	993.757	1.193	1.097	1.690	1.156	1.049	0.794	1.126	1.000	1.012
1998	4.199	1.644	1.595	1.085	1.332	0.914	1.075	1.118	1.011	1.053
1999	1.760	1.951	1.537	1.064	0.970	1.121	0.837	1.029	1.086	0.853
2000	4.129	1.188	1.137	0.637	0.962	1.078	0.980	0.993	1.233	0.944
2001	30.302	1.884	1.050	1.135	1.432	1.184	0.955	0.973	1.125	0.927
2002	4.347	1.993	1.269	1.082	1.141	1.164	1.351	0.969	1.145	0.979
2003	2.263	9.052	2.028	0.919	1.062	1.114	1.213	1.090	0.974	0.950
2004	228.079	3.081	1.708	1.234	1.093	0.844	1.016	0.933	1.039	1.005
2005		3.233	1.689	1.212	1.274	0.963	0.921	0.818	0.818	0.958
2006	2.268	2.598	1.724	1.119	1.281	0.927	0.991	1.019	1.045	0.999
2007	1.809	2.250	1.986	1.322	0.972	0.949	0.997	0.966	1.021	0.880
2008	7.280	1.419	1.643	0.963	1.097	0.952	1.111	0.921	0.996	
2009	5.074	2.670	1.210	1.098	0.957	1.054	1.060	1.121		
2010	31.737	1.831	1.212	0.953	1.013	0.943	1.061			
2011	2.055	1.538	1.377	1.241	0.958	1.015				
2012	1.671	1.387	1.107	0.754	1.188					
2013	1.673	1.709	1.136	1.095						
2014	3.554	1.607	1.038							
2015		1.351								
2016	1.066									
Simple Avg. - Incremental	59.550	2.385	1.339	1.088	1.114	1.051	1.009	1.023	1.030	1.015
Wtd Avg. All - Incremental	3.137	1.829	1.281	1.068	1.105	1.017	1.023	1.029	1.023	0.992
Wtd Latest Five - Incremental	2.630	1.511	1.160	1.038	1.029	0.985	1.045	0.970	0.984	0.957
Wtd Avg. All - Cumulative		2.982	1.631	1.273	1.192	1.079	1.061	1.036	1.007	0.985
Wtd Latest Five - Cumulative		1.501	0.993	0.856	0.824	0.801	0.813	0.778	0.802	0.815
Selected Incremental - Prior 12/31/16	5.000	1.600	1.325	1.125	1.125	1.050	1.050	1.025	1.025	1.025
Selected - Incremental	5.000	3.250	1.275	1.085	1.125	1.040	1.050	1.030	1.025	1.020
Selected - Cumulative	37.045	7.409	2.280	1.788	1.648	1.465	1.408	1.341	1.302	1.271

Evaluated As of December 31, 2017

Year of Birth	132	144	156	168	180	192	204	216	228	240
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1989	16,956,972	15,352,126	19,944,334	17,317,580	17,968,929	18,940,505	20,763,776	24,569,233	24,003,961	23,038,814
1990	13,357,285	15,539,110	18,838,056	18,173,040	19,168,710	22,984,261	16,359,645	12,695,405	12,274,246	11,145,233
1991	11,907,952	12,879,327	12,497,101	14,695,161	14,940,602	16,751,359	18,633,133	19,691,190	18,304,714	18,458,222
1992	22,031,605	23,474,386	24,160,553	29,361,634	37,170,816	36,959,854	37,308,930	37,997,722	38,152,044	38,765,454
1993	48,637,219	51,014,271	53,343,381	49,717,638	46,643,035	45,863,312	38,704,648	39,422,582	35,866,135	37,523,897
1994	10,335,306	11,282,848	12,075,060	11,479,194	14,153,317	13,543,886	13,932,109	15,636,623	16,105,610	15,897,427
1995	23,846,544	23,643,611	22,032,963	24,885,238	25,744,779	24,542,670	23,042,647	21,674,703	23,024,211	23,134,685
1996	31,460,930	30,667,818	29,215,756	27,655,161	27,666,655	20,353,168	22,393,558	21,659,843	22,778,683	21,867,226
1997	26,739,183	26,654,031	32,624,312	36,855,879	34,977,767	33,418,729	34,060,142	31,421,683	30,472,217	30,482,874
1998	48,580,123	46,471,284	52,373,443	50,922,279	52,874,268	54,365,157	55,697,473	56,198,807	54,686,460	50,013,448
1999	22,731,317	26,250,603	23,350,196	23,111,744	23,495,005	20,697,926	21,031,177	20,482,860	20,183,223	
2000	18,254,424	14,693,285	16,762,261	14,687,332	14,893,657	14,795,260	14,903,527	16,008,297		
2001	19,270,038	21,527,577	20,808,910	20,442,210	21,680,374	22,196,748	22,367,851			
2002	63,100,824	61,750,015	58,161,880	56,766,160	53,963,792	52,293,280				
2003	12,017,765	12,378,744	12,107,491	12,097,106	13,944,183					
2004	20,306,897	20,184,558	19,632,372	22,320,576						
2005	26,454,551	26,873,334	26,004,940							
2006	44,418,703	40,301,308								
2007	32,118,399									
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										
	132:144	144:156	156:168	168:180	180:192	192:204	204:216	216:228	228:240	240:252
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1989	0.905	1.299	0.868	1.038	1.054	1.096	1.183	0.977	0.960	0.927
1990	1.163	1.212	0.965	1.055	1.199	0.712	0.776	0.967	0.908	0.788
1991	1.082	0.970	1.176	1.017	1.121	1.112	1.057	0.930	1.008	1.036
1992	1.065	1.029	1.215	1.266	0.994	1.009	1.018	1.004	1.016	1.060
1993	1.049	1.046	0.932	0.938	0.983	0.844	1.019	0.910	1.046	0.906
1994	1.092	1.070	0.951	1.233	0.957	1.029	1.122	1.030	0.987	1.000
1995	0.991	0.932	1.129	1.035	0.953	0.939	0.941	1.062	1.005	0.991
1996	0.975	0.953	0.947	1.000	0.736	1.100	0.967	1.052	0.960	1.004
1997	0.997	1.224	1.130	0.949	0.955	1.019	0.923	0.970	1.000	0.952
1998	0.957	1.127	0.972	1.038	1.028	1.025	1.009	0.973	0.915	
1999	1.155	0.890	0.990	1.017	0.881	1.016	0.974	0.985		
2000	0.805	1.141	0.876	1.014	0.993	1.007	1.074			
2001	1.117	0.967	0.982	1.061	1.024	1.008				
2002	0.979	0.942	0.976	0.951	0.969					
2003	1.030	0.978	0.999	1.153						
2004	0.994	0.973	1.137							
2005	1.016	0.968								
2006	0.907									
2007										
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
Simple Avg. - Incremental	1.015	1.042	1.015	1.051	0.989	0.994	1.005	0.987	0.981	0.963
Wtd Avg. All - Incremental	1.001	1.030	1.006	1.027	0.981	0.982	1.002	0.981	0.981	0.972
Wtd Latest Five - Incremental	0.971	0.958	0.991	1.007	0.985	1.018	0.984	0.998	0.961	0.960
Wtd Avg. All - Cumulative	0.993	0.992	0.963	0.957	0.932	0.950	0.967	0.965	0.984	1.003
Wtd Latest Five - Cumulative	0.852	0.878	0.916	0.924	0.918	0.932	0.916	0.931	0.933	0.970
Selected Incremental - Prior 12/31/16	1.025	1.020	1.020	1.020	1.010	1.010	1.004	1.004	1.000	1.000
Selected - Incremental	1.020	1.020	1.020	1.025	1.010	1.010	1.004	1.001	1.001	1.001
Selected - Cumulative	1.246	1.221	1.197	1.174	1.145	1.134	1.123	1.118	1.117	1.116

Evaluated As of December 31, 2017

Year of Birth	252	264	276	288	300	312	324	336	348
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1989	21,355,414	21,843,359	21,347,475	21,514,311	20,558,129	20,724,837	20,225,656	20,216,839	19,556,533
1990	8,777,924	8,819,859	9,103,605	8,362,504	8,143,861	8,197,155	8,246,879	8,710,201	
1991	19,121,018	21,191,249	19,703,812	19,920,876	20,127,718	20,193,569	19,634,317		
1992	41,082,289	38,559,253	38,510,792	37,041,665	36,962,905	37,002,699			
1993	33,982,515	34,099,475	34,489,097	34,175,911	33,406,976				
1994	15,902,473	16,185,168	16,089,325	15,428,901					
1995	22,931,913	23,159,942	23,817,836						
1996	21,957,394	22,436,166							
1997	29,008,591								
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
2017									
	252:264	264:276	276:288	288:300	300:312	312:324	324:336	336:348	348:Ult.
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1989	1.023	0.977	1.008	0.956	1.008	0.976	1.000	0.967	
1990	1.005	1.032	0.919	0.974	1.007	1.006	1.056		
1991	1.108	0.930	1.011	1.010	1.003	0.972			
1992	0.939	0.999	0.962	0.998	1.001				
1993	1.003	1.011	0.991	0.978					
1994	1.018	0.994	0.959						
1995	1.010	1.028							
1996	1.022								
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
Simple Avg. - Incremental	1.016	0.996	0.975	0.983	1.005	0.985	1.028	0.967	
Wtd Avg. All - Incremental	1.006	0.995	0.980	0.985	1.004	0.979	1.016	0.967	
Wtd Latest Five - Incremental	0.990	0.996	0.975	0.985	1.004	0.979	1.016	0.967	
Wtd Avg. All - Cumulative	1.032	1.026	1.031	1.052	1.068	1.064	1.086	1.069	1.105
Wtd Latest Five - Cumulative	1.010	1.021	1.025	1.052	1.068	1.064	1.086	1.069	1.105
Selected Incremental - Prior 12/31/16	1.003	1.000	0.985	1.004	1.004	1.004	1.004	1.113	
Selected - Incremental	1.004	1.000	0.985	1.004	1.004	1.004	1.004	1.004	1.105
Selected - Cumulative	1.115	1.110	1.110	1.127	1.123	1.118	1.114	1.109	1.105

Paid Loss & ALAE - Adjusted to Birth Year Cost Basis

Evaluated As of December 31, 2017

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	11,655,031	2.900	2.900	33,799,590
1990	4,389,142	1.025	2.973	13,046,726
1991	6,106,980	1.030	3.062	18,697,588
1992	10,191,521	1.040	3.184	32,451,249
1993	15,427,591	1.040	3.312	51,088,587
1994	5,795,784	1.050	3.477	20,152,423
1995	7,435,735	1.050	3.651	27,147,403
1996	7,127,796	1.050	3.833	27,324,292
1997	8,659,671	1.050	4.025	34,856,547
1998	14,800,184	1.050	4.226	62,551,737
1999	9,443,243	1.055	4.459	42,106,187
2000	4,598,371	1.055	4.704	21,631,226
2001	6,249,177	1.055	4.963	31,013,620
2002	12,079,423	1.060	5.261	63,545,048
2003	3,709,771	1.065	5.603	20,784,149
2004	4,150,323	1.070	5.995	24,880,025
2005	6,072,256	1.075	6.444	39,131,585
2006	7,049,737	1.080	6.960	49,065,252
2007	7,547,604	1.100	7.656	57,783,373
2008	4,555,850	1.100	8.421	38,366,827
2009	6,235,772	1.100	9.264	57,765,612
2010	2,616,306	1.150	10.653	27,871,834
2011	3,707,397	1.150	12.251	45,419,661
2012	2,287,032	1.175	14.395	32,921,907
2013	3,114,977	1.175	16.914	52,687,232
2014	2,907,274	1.300	21.988	63,926,339
2015	1,331,475	1.600	35.181	46,843,258
2016	388,581	3.000	105.544	41,012,518
2017	5,229	10.000	1,055.444	5,518,515
Totals:	179,639,233			1,083,390,309

Evaluated As of December 31, 2017

Year of Birth	12	24	36	48	60	72	84	96	108	120
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1989			1,413,217	1,810,144	2,636,166	3,396,160	3,843,620	4,248,354	4,760,140	5,096,828
1990		355,133	697,293	1,031,914	1,260,112	1,344,028	1,589,399	1,650,965	1,746,683	1,826,286
1991	-	217,493	298,312	379,630	801,679	1,060,171	1,114,932	1,195,249	1,226,680	1,306,097
1992	2,661	128,012	690,144	1,460,906	2,163,521	2,479,685	2,758,140	3,007,561	3,204,172	3,413,694
1993	1,687	115,009	702,133	1,444,984	2,158,884	2,872,814	3,771,996	4,523,213	5,247,860	5,992,019
1994	107,772	563,877	1,197,485	1,555,811	1,898,540	2,644,952	2,910,356	3,226,610	3,470,791	3,529,440
1995	1,025	125,002	638,055	1,137,939	1,227,618	1,299,553	1,464,124	1,530,213	1,717,084	1,908,578
1996	1,659	343,911	847,081	1,213,294	1,610,489	2,117,643	2,685,855	2,959,115	3,258,958	3,522,848
1997	5,303	385,423	909,017	1,098,485	1,538,571	2,190,451	2,632,732	2,912,288	3,224,824	3,471,164
1998	500	618,859	1,427,766	2,127,808	2,730,908	3,117,669	4,263,320	4,878,015	5,521,866	6,084,673
1999	327,794	982,833	1,154,946	1,518,074	2,262,568	2,772,637	3,189,639	3,671,144	4,604,607	5,179,321
2000	188,275	814,640	1,196,856	1,754,516	2,032,714	2,237,537	2,384,804	2,540,289	2,691,704	2,825,345
2001	113,392	470,684	956,688	1,525,085	1,816,941	2,373,849	3,107,788	3,438,163	3,646,014	3,881,543
2002	4,952	385,740	1,225,242	1,962,742	2,767,044	3,313,840	4,571,226	5,362,868	6,202,051	6,904,558
2003	217,366	468,179	571,280	669,964	878,023	1,495,645	1,646,205	1,775,762	1,997,884	2,234,420
2004	84	247,775	895,985	1,377,921	1,626,191	2,031,862	2,385,415	2,714,591	2,895,866	3,146,589
2005	-	17,109	634,197	1,450,087	1,966,164	2,895,172	3,529,272	4,129,213	4,525,582	4,919,359
2006	-	260,141	566,944	1,166,786	1,971,840	3,410,688	4,223,199	4,818,159	5,354,649	5,856,885
2007	112,554	446,762	831,507	1,901,912	2,833,486	3,573,060	4,512,228	5,235,252	6,016,880	6,806,235
2008	-	267,521	847,249	1,295,736	1,845,644	2,152,376	2,670,638	3,239,907	3,874,100	4,555,850
2009	114,839	624,316	1,512,446	2,396,046	3,078,486	3,607,733	4,124,790	5,008,156	6,235,772	
2010	116,166	887,535	1,189,941	1,790,895	2,031,254	2,205,363	2,408,497	2,616,306		
2011	11,245	177,371	866,432	1,536,391	2,292,563	3,053,995	3,707,397			
2012	16,611	96,990	888,847	1,624,800	2,031,420	2,287,032				
2013	114,394	869,229	1,735,243	2,401,473	3,114,977					
2014	116,952	649,925	1,750,959	2,907,274						
2015	-	362,968	1,331,475							
2016	10,326	388,581								
2017	5,229									
	12:24	24:36	36:48	48:60	60:72	72:84	84:96	96:108	108:120	120:132
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1989			1.281	1.456	1.288	1.132	1.105	1.120	1.071	1.062
1990		1.963	1.480	1.221	1.067	1.183	1.039	1.058	1.046	1.041
1991		1.372	1.273	2.112	1.322	1.052	1.072	1.026	1.065	1.071
1992	48.107	5.391	2.117	1.481	1.146	1.112	1.090	1.065	1.065	1.063
1993	68.174	6.105	2.058	1.494	1.331	1.313	1.199	1.160	1.142	1.120
1994	5.232	2.124	1.299	1.220	1.393	1.100	1.109	1.076	1.017	1.030
1995	121.953	5.104	1.783	1.079	1.059	1.127	1.045	1.122	1.112	1.333
1996	207.300	2.463	1.432	1.327	1.315	1.268	1.102	1.101	1.081	1.085
1997	72.680	2.358	1.208	1.401	1.424	1.202	1.106	1.107	1.076	1.104
1998	1,237.718	2.307	1.490	1.283	1.142	1.367	1.144	1.132	1.102	1.106
1999	2.998	1.175	1.314	1.490	1.225	1.150	1.151	1.254	1.125	1.099
2000	4.327	1.469	1.466	1.159	1.101	1.066	1.065	1.060	1.050	1.088
2001	4.151	2.033	1.594	1.191	1.307	1.309	1.106	1.060	1.065	1.070
2002	77.896	3.176	1.602	1.410	1.198	1.379	1.173	1.156	1.113	1.114
2003	2.154	1.220	1.173	1.311	1.703	1.101	1.079	1.125	1.118	1.093
2004	2,949.697	3.616	1.538	1.180	1.249	1.174	1.138	1.067	1.087	1.091
2005		37.067	2.286	1.356	1.472	1.219	1.170	1.096	1.087	1.072
2006		2.179	2.058	1.690	1.730	1.238	1.141	1.111	1.094	1.092
2007	3.969	1.861	2.287	1.490	1.261	1.263	1.160	1.149	1.131	1.109
2008		3.167	1.529	1.424	1.166	1.241	1.213	1.196	1.176	
2009	5.436	2.423	1.584	1.285	1.172	1.143	1.214	1.245		
2010	7.640	1.341	1.505	1.134	1.086	1.092	1.086			
2011	15.774	4.885	1.773	1.492	1.332	1.214				
2012	5.839	9.164	1.828	1.250	1.126					
2013	7.599	1.996	1.384	1.297						
2014	5.557	2.694	1.660							
2015		3.668								
2016	37.633									
Simple Avg. - Incremental	232.944	4.320	1.616	1.369	1.276	1.193	1.123	1.119	1.091	1.097
Wtd Avg. All - Incremental	6.885	2.349	1.581	1.344	1.263	1.206	1.135	1.130	1.097	1.095
Wtd Latest Five - Incremental	9.167	3.048	1.595	1.287	1.180	1.194	1.166	1.159	1.115	1.093
Wtd Avg. All - Cumulative		32.851	13.985	8.847	6.583	5.213	4.324	3.809	3.371	3.074
Wtd Latest Five - Cumulative		42.400	13.911	8.719	6.774	5.742	4.809	4.124	3.557	3.189
Selected Incremental - Prior 12/31/16	10.000	3.000	1.575	1.325	1.250	1.200	1.150	1.125	1.100	1.090
Selected - Incremental	10.000	3.000	1.600	1.300	1.175	1.175	1.150	1.150	1.100	1.100
Selected - Cumulative	1,055.444	105.544	35.181	21.988	16.914	14.395	12.251	10.653	9.264	8.421

Evaluated As of December 31, 2017

Year of Birth	132	144	156	168	180	192	204	216	228	240
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1989	5,411,571	6,596,856	6,816,298	7,121,771	7,449,505	7,772,658	8,084,425	8,417,401	8,712,544	8,884,746
1990	1,900,391	1,967,514	2,070,743	2,289,172	2,534,520	2,794,027	3,021,388	3,161,106	3,247,239	3,329,358
1991	1,398,945	1,513,420	1,613,675	1,730,875	1,846,281	1,971,254	2,169,541	2,608,818	2,945,709	3,314,807
1992	3,628,538	3,924,361	4,268,775	4,535,618	4,791,415	5,095,144	5,427,520	5,803,877	6,204,456	6,753,110
1993	6,709,333	7,279,771	8,054,175	8,820,623	9,403,317	9,947,866	10,464,227	10,993,041	11,563,248	12,164,095
1994	3,634,434	4,203,097	4,262,809	4,327,854	4,450,153	4,571,020	4,676,251	4,806,515	4,914,521	5,073,095
1995	2,544,683	2,791,750	3,080,969	3,477,009	3,540,489	4,266,486	4,842,295	5,085,116	5,534,337	5,979,558
1996	3,822,280	4,122,551	4,387,746	4,686,522	5,019,975	5,374,713	5,630,063	5,889,171	6,220,966	6,503,126
1997	3,833,588	4,269,628	4,767,107	5,304,119	5,780,115	6,556,548	6,997,714	7,408,101	7,843,483	8,271,010
1998	6,730,252	7,459,887	8,244,273	9,078,258	9,909,923	10,883,622	11,873,381	12,830,724	13,819,432	14,800,184
1999	5,691,447	6,281,214	6,911,711	7,340,949	7,850,223	8,318,020	8,728,136	9,106,851	9,443,243	
2000	3,073,113	3,260,365	3,454,671	3,699,680	3,936,321	4,141,208	4,357,215	4,598,371		
2001	4,152,248	4,411,224	4,778,464	5,131,654	5,565,606	5,913,208	6,249,177			
2002	7,688,857	8,665,324	9,613,847	10,504,555	11,364,988	12,079,423				
2003	2,441,751	2,718,067	3,113,880	3,428,465	3,709,771					
2004	3,434,191	3,688,113	3,915,316	4,150,323						
2005	5,274,197	5,660,270	6,072,256							
2006	6,396,538	7,049,737								
2007	7,547,604									
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										
	132:144	144:156	156:168	168:180	180:192	192:204	204:216	216:228	228:240	240:252
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1989	1.219	1.033	1.045	1.046	1.043	1.040	1.041	1.035	1.020	1.020
1990	1.035	1.052	1.105	1.107	1.102	1.081	1.046	1.027	1.025	1.024
1991	1.082	1.066	1.073	1.067	1.068	1.101	1.202	1.129	1.125	1.103
1992	1.082	1.088	1.063	1.056	1.063	1.065	1.069	1.069	1.088	1.057
1993	1.085	1.106	1.095	1.066	1.058	1.052	1.051	1.052	1.052	1.059
1994	1.156	1.014	1.015	1.028	1.027	1.023	1.028	1.022	1.032	1.038
1995	1.097	1.104	1.129	1.018	1.205	1.135	1.050	1.088	1.080	1.082
1996	1.079	1.064	1.068	1.071	1.071	1.048	1.046	1.056	1.045	1.043
1997	1.114	1.117	1.113	1.090	1.134	1.067	1.059	1.059	1.055	1.047
1998	1.108	1.105	1.101	1.092	1.098	1.091	1.081	1.077	1.071	
1999	1.104	1.100	1.062	1.069	1.060	1.049	1.043	1.037		
2000	1.061	1.060	1.071	1.064	1.052	1.052	1.055			
2001	1.062	1.083	1.074	1.085	1.062	1.057				
2002	1.127	1.109	1.093	1.082	1.063					
2003	1.113	1.146	1.101	1.082						
2004	1.074	1.062	1.060							
2005	1.073	1.073								
2006	1.102									
2007										
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
Simple Avg. - Incremental	1.099	1.081	1.079	1.068	1.079	1.066	1.064	1.059	1.059	1.053
Wtd Avg. All - Incremental	1.104	1.084	1.079	1.070	1.075	1.063	1.058	1.057	1.057	1.051
Wtd Latest Five - Incremental	1.101	1.093	1.082	1.077	1.070	1.067	1.060	1.063	1.060	1.054
Wtd Avg. All - Cumulative	2.807	2.542	2.345	2.174	2.032	1.891	1.778	1.680	1.590	1.504
Wtd Latest Five - Cumulative	2.918	2.651	2.424	2.241	2.080	1.944	1.822	1.719	1.617	1.526
Selected Incremental - Prior 12/31/16	1.090	1.085	1.075	1.065	1.060	1.055	1.055	1.055	1.050	1.050
Selected - Incremental	1.100	1.080	1.075	1.070	1.065	1.060	1.055	1.055	1.055	1.050
Selected - Cumulative	7.656	6.960	6.444	5.995	5.603	5.261	4.963	4.704	4.459	4.226

Evaluated As of December 31, 2017

Year of Birth	252	264	276	288	300	312	324	336	348
1989	9,063,723	9,252,973	9,529,020	9,807,126	10,194,925	10,606,359	11,032,288	11,415,943	11,655,031
1990	3,410,613	3,517,152	3,617,975	3,751,132	3,989,746	4,130,948	4,257,989	4,389,142	
1991	3,656,354	4,336,504	4,631,367	5,003,784	5,387,848	5,733,668	6,106,980		
1992	7,138,319	7,725,327	8,347,008	8,950,941	9,545,765	10,191,521			
1993	12,879,611	13,600,310	14,230,057	14,867,904	15,427,591				
1994	5,265,997	5,446,361	5,619,377	5,795,784					
1995	6,468,355	6,911,544	7,435,735						
1996	6,782,188	7,127,796							
1997	8,659,671								
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
2017									
	252:264	264:276	276:288	288:300	300:312	312:324	324:336	336:348	348:Ult.
1989	1.021	1.030	1.029	1.040	1.040	1.040	1.035	1.021	
1990	1.031	1.029	1.037	1.064	1.035	1.031	1.031		
1991	1.186	1.068	1.080	1.077	1.064	1.065			
1992	1.082	1.080	1.072	1.066	1.068				
1993	1.056	1.046	1.045	1.038					
1994	1.034	1.032	1.031						
1995	1.069	1.076							
1996	1.051								
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
Simple Avg. - Incremental	1.066	1.052	1.049	1.057	1.052	1.045	1.033	1.021	
Wtd Avg. All - Incremental	1.060	1.052	1.048	1.051	1.053	1.045	1.034	1.021	
Wtd Latest Five - Incremental	1.059	1.059	1.053	1.051	1.053	1.045	1.034	1.021	
Wtd Avg. All - Cumulative	1.431	1.351	1.284	1.226	1.166	1.107	1.060	1.025	
Wtd Latest Five - Cumulative	1.447	1.367	1.290	1.226	1.166	1.107	1.060	1.025	
Selected Incremental - Prior 12/31/16	1.050	1.050	1.050	1.050	1.040	1.040	1.035	3.125	
Selected - Incremental	1.050	1.050	1.050	1.050	1.040	1.040	1.030	1.025	2.900
Selected - Cumulative	4.025	3.833	3.651	3.477	3.312	3.184	3.062	2.973	2.900

Loss & ALAE - Case Outstanding & Paid Incremental - Adjusted to Birth Year Cost Basis

Evaluated As of December 31, 2017

Year of Birth	12	24	36	48	60	72	84	96	108	120
<b>Case Outstanding Loss &amp; ALAE - Adjusted to Birth Year Cost Level (a)</b>										
1989			21,486,975	24,957,838	20,105,275	20,163,898	11,474,539	12,653,415	13,428,942	13,865,316
1990		7,134,226	17,356,555	19,812,710	18,587,441	14,885,314	14,677,004	11,689,199	10,901,940	11,011,351
1991	-	4,581,361	10,806,859	10,129,754	6,737,471	6,943,546	6,716,726	6,541,075	7,026,866	7,105,791
1992	7,600,000	10,577,943	27,828,820	15,059,226	15,896,401	13,551,059	13,692,823	14,067,199	13,242,692	15,690,181
1993	6,300,000	9,884,508	17,691,197	21,844,798	23,636,328	30,372,637	31,310,341	37,587,113	51,124,207	47,154,066
1994	3,231,000	3,754,338	6,309,773	6,529,930	8,017,725	9,816,212	15,262,836	10,304,214	6,703,039	6,262,492
1995	1,151,975	1,106,141	6,197,628	12,508,311	11,059,742	11,747,976	19,621,567	17,921,382	18,580,111	18,988,083
1996	109,339	3,793,774	7,075,920	7,325,604	13,334,214	19,438,972	21,602,611	21,857,326	27,077,154	25,010,035
1997	5,786	10,634,347	12,235,243	13,326,153	22,836,799	25,988,811	26,922,513	20,552,153	23,204,232	22,949,467
1998	2,609,600	10,341,736	16,596,310	26,617,701	28,458,648	38,415,368	33,686,214	35,922,377	40,093,062	40,045,712
1999	4,336,617	7,226,022	14,863,163	23,103,112	23,940,493	22,639,228	25,294,218	20,169,276	19,922,072	21,458,132
2000	4,187,846	17,254,338	20,270,919	22,655,015	13,522,973	12,726,576	13,740,393	13,256,981	12,995,484	16,518,898
2001	59,108	4,756,423	8,889,094	8,815,476	9,923,319	14,433,771	16,793,055	15,557,423	14,828,607	16,902,702
2002	2,717,976	11,451,633	22,366,596	27,970,628	29,612,838	33,639,817	38,451,107	52,776,241	50,128,088	57,570,306
2003	-	23,819	3,882,486	8,364,451	7,427,862	7,325,486	8,183,731	10,150,858	10,999,733	10,420,998
2004	14,916	3,173,410	9,643,333	16,625,837	20,591,170	22,257,568	18,118,079	18,126,587	16,556,448	17,062,340
2005	-	5,502,519	17,211,603	28,690,523	34,554,927	43,644,975	41,284,262	37,163,688	29,255,506	22,709,262
2006	3,121,500	6,819,184	17,826,237	30,541,148	33,499,513	42,030,761	37,919,873	36,925,905	37,162,242	38,584,141
2007	3,650,000	6,360,326	14,483,728	28,514,865	37,377,305	35,517,573	32,589,783	31,772,069	29,721,416	29,697,845
2008	2,640,000	18,951,255	26,432,846	43,512,202	41,313,879	45,178,651	42,374,152	46,819,013	42,212,884	41,339,181
2009	2,285,285	11,552,956	31,001,910	36,945,096	40,124,581	37,722,472	39,437,187	41,164,020		45,505,796
2010	251,122	10,769,064	20,154,792	24,083,388	22,619,361	22,768,918	21,132,503	22,367,836		
2011	8,013,755	16,310,816	24,488,165	33,378,132	41,040,606	38,449,860	38,409,278			
2012	12,073,389	20,103,407	27,125,945	29,375,472	21,354,584	25,487,039				
2013	8,301,161	13,209,572	22,332,240	24,929,352	26,822,068					
2014	6,342,848	22,309,080	35,147,038	35,409,942						
2015	-	17,976,628	23,439,277							
2016	2,974,120	2,792,341								
2017	215,386									
<b>Incremental Paid Loss &amp; ALAE - Adjusted to Birth Year Cost Level (b)</b>										
1989			1,413,217	396,927	826,022	759,994	447,460	404,734	511,786	336,689
1990		355,133	342,159	334,622	228,197	83,916	245,371	61,566	95,718	79,603
1991	-	217,493	80,819	81,317	422,049	258,493	54,760	80,317	31,431	79,417
1992	2,661	125,351	562,133	770,761	702,615	316,164	278,455	249,421	196,611	209,521
1993	1,687	113,322	587,124	742,850	713,901	713,930	899,182	751,217	724,647	744,159
1994	107,772	456,105	633,608	358,325	342,729	746,413	265,404	316,254	244,181	58,648
1995	1,025	123,977	513,054	499,884	89,679	71,935	164,571	66,089	186,871	191,494
1996	1,659	342,252	503,170	366,213	397,195	507,153	568,212	273,260	299,843	263,890
1997	5,303	380,120	523,594	189,469	440,086	651,880	442,281	279,556	312,535	246,340
1998	500	618,359	808,907	700,042	603,100	386,762	1,145,650	614,696	643,850	562,808
1999	327,794	655,039	172,113	363,127	744,495	510,069	417,002	481,506	933,463	574,713
2000	188,275	626,365	382,216	557,660	278,198	204,822	147,268	155,484	151,415	133,641
2001	113,392	357,292	486,004	568,397	291,856	556,909	733,939	330,375	207,850	235,529
2002	4,952	380,788	839,501	737,500	804,302	546,796	1,257,386	791,642	839,183	702,507
2003	217,366	250,813	103,101	98,684	208,059	617,623	150,560	129,556	222,122	236,536
2004	84	247,691	648,211	481,936	248,270	405,671	353,553	329,175	181,275	250,723
2005	-	17,109	617,088	815,890	516,076	929,009	634,099	599,942	396,369	393,777
2006	-	260,141	306,803	599,842	805,055	1,438,848	812,510	594,961	536,490	502,236
2007	112,554	334,208	384,745	1,070,406	931,574	739,574	939,168	723,024	781,627	789,355
2008	-	267,521	579,728	448,487	549,908	306,732	518,261	569,269	634,193	681,750
2009	114,839	509,476	888,130	883,600	682,441	529,246	517,057	883,365	1,227,616	
2010	116,166	771,370	302,406	600,954	240,358	174,109	203,134	207,809		
2011	11,245	166,126	689,061	669,958	756,172	761,432	653,402			
2012	16,611	80,379	791,857	735,953	406,620	255,612				
2013	114,394	754,836	866,014	666,230	713,504					
2014	116,952	532,973	1,101,034	1,156,315						
2015	-	362,968	968,508							
2016	10,326	378,255								
2017	5,229									

Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit IX, Sheets 2a, 2b and 2c is adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 5a, 5b and 5c.

(b) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit IX, Sheets 2a, 2b and 2c are adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 5a, 5b and 5c.



Loss & ALAE - Case Outstanding & Paid Incremental - Adjusted to Birth Year Cost Basis

Evaluated As of December 31, 2017

Year of Birth	132	144	156	168	180	192	204	216	228	240
<b>Case Outstanding Loss &amp; ALAE - Adjusted to Birth Year Cost Level (a)</b>										
1989	11,545,401	8,755,270	13,128,037	10,195,809	10,519,424	11,167,847	12,679,352	16,151,833	15,291,416	14,154,068
1990	11,456,895	13,571,595	16,767,312	15,883,868	16,634,190	20,190,233	13,338,258	9,534,299	9,027,007	7,815,876
1991	10,509,006	11,365,907	10,883,426	12,964,286	13,094,321	14,780,106	16,463,592	17,082,372	15,359,004	15,143,415
1992	18,403,067	19,550,025	19,891,778	24,826,016	32,379,402	31,864,710	31,881,410	32,193,845	31,947,588	32,012,343
1993	41,927,886	43,734,500	45,289,207	40,897,015	37,239,718	35,915,445	28,240,421	28,429,541	24,302,886	25,359,801
1994	6,700,873	7,079,750	7,812,251	7,151,340	9,703,164	8,972,866	9,255,859	10,830,109	11,191,090	10,824,332
1995	21,301,861	20,851,861	18,951,994	21,408,229	22,204,291	20,276,183	18,200,352	16,589,587	17,489,874	17,155,127
1996	27,638,650	26,545,268	24,828,010	22,968,639	22,646,680	14,978,456	16,763,495	15,770,672	16,557,717	15,364,099
1997	22,905,595	22,384,403	27,857,205	31,551,760	29,197,652	26,862,182	27,062,428	24,013,583	22,628,734	22,211,864
1998	41,849,871	39,011,396	44,129,170	41,844,021	42,964,344	43,481,535	43,824,091	43,368,083	40,867,028	35,213,264
1999	17,039,870	19,969,388	16,438,485	15,770,795	15,644,782	12,379,906	12,303,041	11,376,010	10,739,979	
2000	15,181,311	11,432,920	13,307,590	10,987,652	10,957,336	10,654,052	10,546,313	11,409,926		
2001	15,117,789	17,116,352	16,030,447	15,310,556	16,114,768	16,283,539	16,118,674			
2002	55,411,967	53,084,691	48,548,032	46,261,605	42,598,803	40,213,856				
2003	9,576,014	9,660,677	8,993,611	8,668,641	10,234,412					
2004	16,872,706	16,496,444	15,717,056	18,170,253						
2005	21,180,353	21,213,064	19,932,684							
2006	38,022,166	33,251,571								
2007	24,570,796									
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										
<b>Incremental Paid Loss &amp; ALAE - Adjusted to Birth Year Cost Level (b)</b>										
1989	314,743	1,185,285	219,441	305,474	327,734	323,153	311,766	332,976	295,143	172,201
1990	74,104	67,124	103,229	218,429	245,347	259,507	227,361	139,719	86,132	82,119
1991	92,848	114,475	100,255	117,199	115,407	124,972	198,288	439,277	336,891	369,098
1992	214,845	295,823	344,414	266,842	255,797	303,730	332,376	376,357	400,578	548,654
1993	717,313	570,438	774,404	766,449	582,693	544,549	516,361	528,814	570,208	600,847
1994	104,994	568,664	59,711	65,046	122,299	120,867	105,231	130,264	108,006	158,575
1995	636,106	247,066	289,219	396,040	63,479	725,997	575,809	242,821	449,221	445,220
1996	299,432	300,270	265,195	298,776	333,453	354,738	255,351	259,108	331,795	282,161
1997	362,424	436,040	497,478	537,012	475,996	776,433	441,166	410,387	435,382	427,527
1998	645,579	729,636	784,385	833,985	831,666	973,699	989,759	957,343	988,708	980,752
1999	512,126	589,767	630,497	429,238	509,274	467,796	410,116	378,715	336,393	
2000	247,768	187,252	194,307	245,008	236,641	204,887	216,006	241,156		
2001	270,706	258,976	367,239	353,191	433,951	347,603	335,968			
2002	784,299	976,467	948,523	890,708	860,433	714,435				
2003	207,331	276,315	395,814	314,584	281,306					
2004	287,602	253,922	227,203	235,007						
2005	354,839	386,073	411,986							
2006	539,653	653,200								
2007	741,368									
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										

Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit IX, Sheets 2a, 2b and 2c is adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 5a, 5b and 5c.

(b) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit IX, Sheets 2a, 2b and 2c are adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 5a, 5b and 5c.

Loss & ALAE - Case Outstanding & Paid Incremental - Adjusted to Birth Year Cost Basis

Evaluated As of December 31, 2017

Year of Birth	252	264	276	288	300	312	324	336	348
<b>Case Outstanding Loss &amp; ALAE - Adjusted to Birth Year Cost Level (a)</b>									
1989	12,291,691	12,590,386	11,818,455	11,707,185	10,363,204	10,118,479	9,193,368	8,800,896	7,901,502
1990	5,367,311	5,302,708	5,485,630	4,611,372	4,154,115	4,066,207	3,988,890	4,321,058	
1991	15,464,664	16,854,745	15,072,445	14,917,092	14,739,870	14,459,901	13,527,338		
1992	33,943,969	30,833,926	30,163,785	28,090,724	27,417,141	26,811,178			
1993	21,102,904	20,499,165	20,259,040	19,308,008	17,979,385				
1994	10,636,476	10,738,807	10,469,948	9,633,117					
1995	16,463,558	16,248,398	16,382,101						
1996	15,175,207	15,308,370							
1997	20,348,919								
1998									
1999									
2000									
2001									
2002									
2003									
2004									
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2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
2017									
<b>Incremental Paid Loss &amp; ALAE - Adjusted to Birth Year Cost Level (b)</b>									
1989	178,977	189,251	276,047	278,106	387,799	411,434	425,930	383,655	239,088
1990	81,255	106,539	100,824	133,157	238,614	141,203	127,041	131,153	
1991	341,547	680,151	294,863	372,417	384,063	345,821	373,312		
1992	385,209	587,008	621,680	603,933	594,824	645,756			
1993	715,515	720,700	629,747	637,846	559,688				
1994	192,902	180,364	173,016	176,407					
1995	488,797	443,189	524,191						
1996	279,061	345,608							
1997	388,661								
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
2017									

Notes: (a) Historical cost level case outstanding by birth year and maturity as shown in Exhibit IX, Sheets 2a, 2b and 2c is adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 5a, 5b and 5c.  
 (b) Historical cost level incremental loss payments by birth year and maturity as shown in Exhibit IX, Sheets 2a, 2b and 2c are adjusted to birth level cost level using factors shown in Exhibit IX, Sheets 5a, 5b and 5c.







Incurred Loss & ALAE - Actual - Without Retroactive Payments

Evaluated As of December 31, 2017

Year of Birth	12	24	36	48	60	72	84	96	108	120
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1989			23,235,203	27,288,057	23,311,502	24,271,971	15,880,706	17,588,496	18,992,446	19,859,281
1990		7,532,587	18,244,007	21,158,145	20,231,246	16,603,802	16,711,568	13,743,734	13,068,839	13,309,394
1991	0	4,823,664	11,206,989	10,648,881	7,681,768	8,192,764	8,036,861	7,961,718	8,519,096	8,718,559
1992	7,602,661	10,751,920	28,762,726	16,743,597	18,387,963	16,375,306	16,853,568	17,554,709	16,981,338	19,777,622
1993	6,301,687	10,039,766	18,539,146	23,572,551	26,186,747	33,845,581	35,864,605	43,230,546	58,035,969	54,957,828
1994	3,338,772	4,335,754	7,570,190	8,176,985	10,056,266	12,694,600	18,572,287	13,885,663	10,492,236	10,122,642
1995	1,153,000	1,236,555	6,885,117	13,781,349	12,451,950	13,273,424	21,510,930	19,917,217	20,848,720	22,440,850
1996	110,998	4,149,958	7,970,750	8,623,673	15,151,408	21,925,171	24,808,626	25,425,652	32,457,048	30,762,406
1997	11,089	11,050,701	13,231,637	14,579,738	24,715,034	28,693,798	30,192,477	25,031,809	28,427,302	29,627,653
1998	2,610,100	11,002,299	18,172,306	29,072,510	31,669,981	42,290,463	40,396,070	43,781,319	51,074,096	51,871,437
1999	4,664,411	8,245,246	16,134,928	24,896,552	26,589,408	26,943,831	30,449,020	26,521,814	27,380,710	30,894,348
2000	4,376,121	18,127,817	21,620,806	24,662,888	16,408,379	15,898,844	17,853,646	17,555,521	18,102,493	22,486,180
2001	172,500	5,249,319	9,920,020	10,873,643	12,441,532	18,585,834	22,105,552	21,891,665	21,353,204	24,146,698
2002	2,722,928	11,874,165	24,788,839	31,707,592	35,821,333	41,073,013	49,836,413	67,771,825	65,863,004	75,780,805
2003	217,366	496,725	4,687,380	9,964,084	9,184,908	10,134,806	11,350,748	13,844,639	15,168,263	15,986,156
2004	15,000	3,452,148	11,114,359	19,087,815	24,573,441	26,994,425	22,859,791	23,353,511	23,639,048	24,722,792
2005	0	5,787,064	18,786,960	33,149,198	40,349,156	51,636,560	49,969,413	50,170,611	41,236,975	33,705,260
2006	3,121,500	7,117,023	19,325,910	33,495,282	37,658,562	48,568,924	49,129,618	48,994,258	50,001,133	52,359,974
2007	3,762,554	7,118,305	16,105,434	32,149,065	42,727,201	45,320,710	43,306,651	43,280,986	41,872,020	43,492,063
2008	2,640,000	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
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	
2010	367,288	11,709,849	23,432,658	28,572,781	27,241,537	27,631,375	26,491,003	28,170,398		
2011	8,025,000	18,092,817	27,966,715	38,554,067	47,898,365	46,663,004	47,391,514			
2012	12,090,000	20,346,124	28,272,096	31,340,190	24,080,908	28,663,775				
2013	8,415,555	14,108,083	24,160,711	27,946,444	30,675,106					
2014	6,459,800	22,999,374	37,678,801	39,204,196						
2015	0	18,702,803	25,309,491							
2016	2,984,445	3,189,395								
2017	220,615									
	12:24	24:36	36:48	48:60	60:72	72:84	84:96	96:108	108:120	120:132
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1989			1.174	0.854	1.041	0.654	1.108	1.080	1.046	0.899
1990		2.422	1.160	0.956	0.821	1.006	0.822	0.951	1.018	1.045
1991		2.323	0.950	0.721	1.067	0.981	0.991	1.070	1.023	1.419
1992	1.414	2.675	0.582	1.098	0.891	1.029	1.042	0.967	1.165	1.157
1993	1.593	1.847	1.272	1.111	1.292	1.060	1.205	1.342	0.947	0.919
1994	1.299	1.746	1.080	1.230	1.262	1.463	0.748	0.756	0.965	1.090
1995	1.072	5.568	2.002	0.904	1.066	1.621	0.926	1.047	1.076	1.151
1996	37.388	1.921	1.082	1.757	1.447	1.132	1.025	1.277	0.948	1.151
1997	996.546	1.197	1.102	1.695	1.161	1.052	0.829	1.136	1.042	1.016
1998	4.215	1.652	1.600	1.089	1.335	0.955	1.084	1.167	1.016	1.096
1999	1.768	1.957	1.543	1.068	1.013	1.130	0.871	1.032	1.128	0.854
2000	4.142	1.193	1.141	0.665	0.969	1.123	0.983	1.031	1.242	0.946
2001	30.431	1.890	1.096	1.144	1.494	1.189	0.990	0.975	1.131	0.930
2002	4.361	2.088	1.279	1.130	1.147	1.213	1.360	0.972	1.151	1.064
2003	2.285	9.437	2.126	0.922	1.103	1.120	1.220	1.096	1.054	0.953
2004	230.143	3.220	1.717	1.287	1.099	0.847	1.022	1.012	1.046	1.006
2005		3.246	1.764	1.217	1.280	0.968	1.004	0.822	0.817	0.958
2006	2.280	2.715	1.733	1.124	1.290	1.012	0.997	1.021	1.047	1.017
2007	1.892	2.263	1.996	1.329	1.061	0.956	0.999	0.967	1.039	0.881
2008	7.313	1.425	1.649	1.055	1.104	0.953	1.113	0.938	0.998	
2009	5.089	2.682	1.322	1.105	0.957	1.055	1.078	1.122		
2010	31.882	2.001	1.219	0.953	1.014	0.959	1.063			
2011	2.255	1.546	1.379	1.242	0.974	1.016				
2012	1.683	1.390	1.109	0.768	1.190					
2013	1.676	1.713	1.157	1.098						
2014	3.560	1.638	1.040							
2015		1.353								
2016	1.069									
Simple Avg. - Incremental	59.798	2.427	1.357	1.101	1.128	1.065	1.022	1.037	1.045	1.029
Wtd Avg. All - Incremental	3.178	1.853	1.301	1.086	1.118	1.033	1.041	1.038	1.035	1.011
Wtd Latest Five - Incremental	2.649	1.521	1.170	1.047	1.034	0.989	1.051	0.974	0.988	0.963
Wtd Avg. All - Cumulative		4.129	2.228	1.713	1.577	1.410	1.366	1.311	1.263	1.221
Wtd Latest Five - Cumulative		1.714	1.127	0.963	0.919	0.889	0.899	0.855	0.878	0.889

Incurred Loss & ALAE - Actual - Without Retroactive Payments

Evaluated As of December 31, 2017

Year of Birth	132	144	156	168	180	192	204	216	228	240
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1989	17,846,775	16,330,942	21,203,891	18,522,287	19,282,375	20,938,130	23,115,207	28,286,653	27,734,069	27,380,541
1990	13,902,625	16,217,646	19,730,645	19,108,379	21,045,823	25,460,932	18,848,980	14,648,240	14,647,505	13,314,815
1991	12,370,844	13,432,552	13,078,064	16,052,557	16,454,709	19,256,886	21,540,151	23,727,688	22,161,349	22,464,393
1992	22,886,358	24,465,415	26,234,305	32,153,226	42,480,865	42,432,508	44,552,133	45,578,473	45,939,767	46,942,773
1993	50,490,722	55,234,345	58,229,829	56,480,087	53,178,254	54,213,199	45,769,261	46,809,981	42,703,727	47,853,729
1994	11,031,655	12,147,684	13,427,647	12,788,251	16,376,978	15,697,230	16,210,446	18,343,661	20,263,369	20,094,735
1995	25,840,491	26,730,026	25,004,387	29,412,833	30,541,666	29,252,587	27,611,220	27,961,036	29,930,867	30,130,385
1996	35,393,789	34,643,129	34,292,154	32,557,199	32,684,558	24,024,889	28,500,898	27,683,295	29,219,690	28,040,548
1997	30,113,560	31,199,151	38,463,312	43,675,859	41,626,317	43,013,876	44,119,826	40,671,171	39,458,657	40,071,704
1998	56,842,665	54,563,346	61,812,278	60,372,902	67,864,382	70,235,029	72,103,825	72,862,731	71,941,244	65,683,636
1999	26,384,594	30,676,593	27,364,683	28,973,217	29,617,022	25,942,265	26,405,614	25,977,983	25,595,988	
2000	21,268,225	17,120,713	21,156,890	18,543,108	18,836,387	18,726,226	19,145,620	20,660,892		
2001	22,453,008	27,148,181	26,351,057	25,895,990	27,547,038	28,649,109	28,912,900			
2002	80,648,047	79,351,457	74,738,044	72,976,163	70,389,760	68,235,246				
2003	15,239,817	15,719,835	15,365,678	15,565,872	18,044,410					
2004	24,881,802	24,763,096	24,467,783	27,934,816						
2005	32,296,495	33,337,907	32,289,079							
2006	53,254,022	48,406,081								
2007	38,318,675									
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										
	132:144	144:156	156:168	168:180	180:192	192:204	204:216	216:228	228:240	240:252
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1989	0.915	1.298	0.874	1.041	1.086	1.104	1.224	0.980	0.987	0.927
1990	1.167	1.217	0.968	1.101	1.210	0.740	0.777	1.000	0.909	0.784
1991	1.086	0.974	1.227	1.025	1.170	1.119	1.102	0.934	1.014	1.042
1992	1.069	1.072	1.226	1.321	0.999	1.050	1.023	1.008	1.022	1.149
1993	1.094	1.054	0.970	0.942	1.019	0.844	1.023	0.912	1.121	0.906
1994	1.101	1.105	0.952	1.281	0.958	1.033	1.132	1.105	0.992	1.002
1995	1.034	0.935	1.176	1.038	0.958	0.944	1.013	1.070	1.007	0.993
1996	0.979	0.990	0.949	1.004	0.735	1.186	0.971	1.055	0.960	1.019
1997	1.036	1.233	1.136	0.953	1.033	1.026	0.922	0.970	1.016	0.951
1998	0.960	1.133	0.977	1.124	1.035	1.027	1.011	0.987	0.913	
1999	1.163	0.892	1.059	1.022	0.876	1.018	0.984	0.985		
2000	0.805	1.236	0.876	1.016	0.994	1.022	1.079			
2001	1.209	0.971	0.983	1.064	1.040	1.009				
2002	0.984	0.942	0.976	0.965	0.969					
2003	1.031	0.977	1.013	1.159						
2004	0.995	0.988	1.142							
2005	1.032	0.969								
2006	0.909									
2007										
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
Simple Avg. - Incremental	1.032	1.058	1.032	1.070	1.006	1.009	1.022	1.001	0.994	0.975
Wtd Avg. All - Incremental	1.015	1.039	1.020	1.047	0.996	0.998	1.014	0.992	0.994	0.989
Wtd Latest Five - Incremental	0.977	0.961	0.993	1.015	0.988	1.022	0.987	1.005	0.964	0.963
Wtd Avg. All - Cumulative	1.207	1.189	1.145	1.122	1.071	1.075	1.078	1.063	1.072	1.078
Wtd Latest Five - Cumulative	0.923	0.945	0.983	0.991	0.976	0.987	0.966	0.978	0.973	1.009

Incurred Loss & ALAE - Actual - Without Retroactive Payments

Evaluated As of December 31, 2017

Year of Birth	252	264	276	288	300	312	324	336	348
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1989	25,392,567	26,078,544	25,583,011	27,284,465	26,117,595	26,414,615	25,790,618	26,064,934	25,179,969
1990	10,443,544	10,543,426	11,580,716	10,631,486	10,363,557	10,458,516	10,648,709	11,320,812	
1991	23,417,200	28,125,214	26,285,256	26,645,315	26,989,890	27,503,881	26,790,665		
1992	53,926,220	50,869,246	50,916,345	49,025,179	49,705,313	49,874,613			
1993	43,348,036	43,586,735	44,186,622	44,318,795	43,330,459				
1994	20,133,877	20,544,354	20,704,720	19,829,729					
1995	29,906,613	30,663,095	31,619,355						
1996	28,573,684	29,273,670							
1997	38,122,555								
1998									
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2012									
2013									
2014									
2015									
2016									
2017									
	252:264	264:276	276:288	288:300	300:312	312:324	324:336	336:348	348:Ult.
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1989	1.027	0.981	1.067	0.957	1.011	0.976	1.011	0.966	
1990	1.010	1.098	0.918	0.975	1.009	1.018	1.063		
1991	1.201	0.935	1.014	1.013	1.019	0.974			
1992	0.943	1.001	0.963	1.014	1.003				
1993	1.006	1.014	1.003	0.978					
1994	1.020	1.008	0.958						
1995	1.025	1.031							
1996	1.024								
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
Simple Avg. - Incremental	1.032	1.010	0.987	0.987	1.011	0.990	1.037	0.966	
Wtd Avg. All - Incremental	1.019	1.002	0.992	0.991	1.010	0.982	1.026	0.966	
Wtd Latest Five - Incremental	0.995	1.000	0.979	0.991	1.010	0.982	1.026	0.966	
Wtd Avg. All - Cumulative	1.090	1.070	1.067	1.076	1.086	1.076	1.095	1.067	1.105
Wtd Latest Five - Cumulative	1.048	1.053	1.054	1.076	1.086	1.076	1.095	1.067	1.105



Paid Loss & ALAE - Actual - Without Retroactive Payments

Evaluated As of December 31, 2017

Year of Birth	12	24	36	48	60	72	84	96	108	120
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1989			1,459,361	1,875,224	2,754,669	3,574,316	4,061,729	4,507,406	5,076,086	5,453,656
1990		360,429	712,753	1,062,896	1,304,777	1,394,616	1,660,167	1,727,402	1,832,898	1,921,481
1991	0	220,664	303,989	388,916	834,113	1,109,755	1,168,679	1,255,900	1,290,363	1,378,291
1992	2,661	130,042	708,692	1,510,045	2,248,508	2,583,823	2,881,870	3,151,419	3,365,972	3,597,004
1993	1,687	116,480	717,178	1,485,486	2,230,562	2,982,545	3,938,804	4,745,507	5,531,816	6,349,131
1994	107,772	568,444	1,215,370	1,584,552	1,940,924	2,724,547	3,005,903	3,344,671	3,609,421	3,673,636
1995	1,025	126,353	649,711	1,164,341	1,257,557	1,333,060	1,507,599	1,578,545	1,781,125	1,991,655
1996	1,659	347,021	859,449	1,236,004	1,648,404	2,180,478	2,783,871	3,076,909	3,403,005	3,694,040
1997	5,303	388,931	922,462	1,117,412	1,574,965	2,260,972	2,730,993	3,032,288	3,373,868	3,645,757
1998	500	624,833	1,449,531	2,170,702	2,799,571	3,206,832	4,430,280	5,095,958	5,800,085	6,423,723
1999	327,794	989,230	1,164,841	1,539,861	2,316,314	2,855,808	3,303,074	3,824,619	4,849,077	5,520,787
2000	188,275	821,191	1,212,107	1,788,081	2,079,482	2,297,045	2,455,016	2,624,007	2,799,266	2,965,732
2001	113,392	475,035	971,804	1,561,015	1,867,817	2,459,019	3,248,457	3,626,899	3,883,121	4,175,734
2002	4,952	389,492	1,249,265	2,015,205	2,858,762	3,439,830	4,862,826	5,826,962	6,856,989	7,727,861
2003	217,366	471,729	577,761	680,252	899,194	1,591,344	1,772,921	1,930,389	2,203,060	2,495,687
2004	84	251,261	915,079	1,415,146	1,689,491	2,171,906	2,595,632	2,994,077	3,215,209	3,522,795
2005	0	17,278	648,694	1,537,760	2,142,949	3,240,890	3,997,772	4,719,465	5,198,978	5,677,987
2006	0	263,582	594,636	1,291,184	2,233,340	3,934,023	4,901,878	5,614,611	6,260,850	6,868,225
2007	112,554	468,472	909,414	2,145,757	3,232,481	4,101,955	5,212,346	6,071,909	7,004,826	7,953,448
2008	0	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
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	
2010	116,166	895,231	1,203,035	1,818,188	2,065,585	2,245,502	2,456,858	2,674,347		
2011	11,245	178,666	877,041	1,559,805	2,333,485	3,117,907	3,794,991			
2012	16,611	97,446	898,196	1,645,365	2,061,021	2,323,849				
2013	114,394	873,399	1,747,648	2,424,840	3,154,345					
2014	116,952	652,037	1,765,040	2,940,791						
2015	0	365,465	1,346,365							
2016	10,326	390,803								
2017	5,229									
	12:24	24:36	36:48	48:60	60:72	72:84	84:96	96:108	108:120	120:132
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1989			1.285	1.469	1.298	1.136	1.110	1.126	1.074	1.065
1990		1.978	1.491	1.228	1.069	1.190	1.040	1.061	1.048	1.043
1991		1.378	1.279	2.145	1.330	1.053	1.075	1.027	1.068	1.075
1992	48.870	5.450	2.131	1.489	1.149	1.115	1.094	1.068	1.069	1.067
1993	69.046	6.157	2.071	1.502	1.337	1.321	1.205	1.166	1.148	1.125
1994	5.275	2.138	1.304	1.225	1.404	1.103	1.113	1.079	1.018	1.032
1995	123.271	5.142	1.792	1.080	1.060	1.131	1.047	1.128	1.118	1.356
1996	209.175	2.477	1.438	1.334	1.323	1.277	1.105	1.106	1.086	1.090
1997	73.342	2.372	1.211	1.409	1.436	1.208	1.110	1.113	1.081	1.111
1998	1,249.666	2.320	1.498	1.290	1.145	1.382	1.150	1.138	1.108	1.119
1999	3.018	1.178	1.322	1.504	1.233	1.157	1.158	1.268	1.139	1.117
2000	4.362	1.476	1.475	1.163	1.105	1.069	1.069	1.067	1.059	1.105
2001	4.189	2.046	1.606	1.197	1.317	1.321	1.116	1.071	1.075	1.081
2002	78.653	3.207	1.613	1.419	1.203	1.414	1.198	1.177	1.127	1.127
2003	2.170	1.225	1.177	1.322	1.770	1.114	1.089	1.141	1.133	1.103
2004	2,991.202	3.642	1.546	1.194	1.286	1.195	1.154	1.074	1.096	1.101
2005		37.545	2.371	1.394	1.512	1.234	1.181	1.102	1.092	1.076
2006		2.256	2.171	1.730	1.761	1.246	1.145	1.115	1.097	1.096
2007	4.162	1.941	2.359	1.506	1.269	1.271	1.165	1.154	1.135	1.113
2008		3.184	1.536	1.431	1.169	1.246	1.217	1.200	1.180	
2009	5.471	2.439	1.592	1.289	1.175	1.146	1.219	1.251		
2010	7.706	1.344	1.511	1.136	1.087	1.094	1.089			
2011	15.889	4.909	1.778	1.496	1.336	1.217				
2012	5.867	9.217	1.832	1.253	1.128					
2013	7.635	2.001	1.387	1.301						
2014	5.575	2.707	1.666							
2015		3.684								
2016	37.848									
Simple Avg. - Incremental	235.828	4.362	1.633	1.380	1.288	1.202	1.129	1.125	1.098	1.105
Wtd Avg. All - Incremental	6.962	2.368	1.597	1.356	1.275	1.215	1.143	1.137	1.104	1.103
Wtd Latest Five - Incremental	9.211	3.061	1.601	1.290	1.182	1.201	1.170	1.162	1.120	1.098
Wtd Avg. All - Cumulative		120.595	50.927	31.895	23.528	18.446	15.182	13.286	11.687	10.588
Wtd Latest Five - Cumulative		148.527	48.515	30.312	23.492	19.871	16.548	14.144	12.173	10.869

Paid Loss & ALAE - Actual - Without Retroactive Payments

Evaluated As of December 31, 2017

Year of Birth	132	144	156	168	180	192	204	216	228	240
1989	5,810,026	7,165,178	7,418,692	7,775,894	8,162,902	8,549,902	8,928,521	9,336,886	9,703,640	9,931,523
1990	2,004,750	2,080,964	2,199,600	2,453,103	2,741,877	3,051,617	3,325,664	3,496,300	3,608,325	3,723,264
1991	1,482,164	1,611,791	1,726,435	1,862,352	1,998,074	2,146,495	2,385,102	2,948,039	3,412,646	3,925,649
1992	3,836,791	4,170,210	4,563,891	4,873,197	5,172,624	5,532,862	5,952,684	6,464,261	7,013,018	7,772,126
1993	7,144,723	7,786,367	8,669,699	9,552,579	10,232,667	10,909,522	11,600,217	12,313,100	13,089,455	13,913,903
1994	3,790,223	4,430,565	4,498,466	4,573,411	4,723,477	4,883,079	5,023,121	5,198,208	5,344,508	5,560,527
1995	2,700,839	2,979,006	3,308,939	3,790,079	3,873,071	4,829,658	5,595,923	5,921,580	6,527,466	7,131,274
1996	4,027,530	4,366,377	4,685,083	5,071,490	5,506,117	5,973,099	6,311,867	6,657,571	7,102,700	7,482,740
1997	4,051,059	4,570,364	5,207,959	5,901,603	6,522,569	7,543,370	8,126,677	8,672,285	9,253,418	9,827,993
1998	7,185,548	8,112,136	9,116,042	10,194,077	11,277,495	12,553,140	13,856,989	15,123,133	16,439,756	17,753,456
1999	6,164,930	6,912,528	7,719,729	8,273,551	8,934,368	9,544,718	10,081,931	10,581,425	11,027,705	
2000	3,276,769	3,514,181	3,762,460	4,077,300	4,383,068	4,648,855	4,930,995	5,247,834		
2001	4,515,405	4,842,890	5,309,915	5,761,556	6,318,667	6,767,994	7,204,833			
2002	8,707,708	9,934,558	11,132,883	12,262,626	13,361,478	14,279,238				
2003	2,753,640	3,099,320	3,596,458	3,994,291	4,352,130					
2004	3,877,573	4,192,045	4,475,363	4,770,134						
2005	6,111,341	6,586,084	7,095,668							
2006	7,525,340	8,325,390								
2007	8,849,635									
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										
	132:144	144:156	156:168	168:180	180:192	192:204	204:216	216:228	228:240	240:252
1989	1.233	1.035	1.048	1.050	1.047	1.044	1.046	1.039	1.023	1.026
1990	1.038	1.057	1.115	1.118	1.113	1.090	1.051	1.032	1.032	1.031
1991	1.087	1.071	1.079	1.073	1.074	1.111	1.236	1.158	1.150	1.122
1992	1.087	1.094	1.068	1.061	1.070	1.076	1.086	1.085	1.108	1.069
1993	1.090	1.113	1.102	1.071	1.066	1.063	1.061	1.063	1.063	1.071
1994	1.169	1.015	1.017	1.033	1.034	1.029	1.035	1.028	1.040	1.048
1995	1.103	1.111	1.145	1.022	1.247	1.159	1.058	1.102	1.093	1.093
1996	1.084	1.073	1.082	1.086	1.085	1.057	1.055	1.067	1.054	1.051
1997	1.128	1.140	1.133	1.105	1.157	1.077	1.067	1.067	1.062	1.053
1998	1.129	1.124	1.118	1.106	1.113	1.104	1.091	1.087	1.080	
1999	1.121	1.117	1.072	1.080	1.068	1.056	1.050	1.042		
2000	1.072	1.071	1.084	1.075	1.061	1.061	1.064			
2001	1.073	1.096	1.085	1.097	1.071	1.065				
2002	1.141	1.121	1.101	1.090	1.069					
2003	1.126	1.160	1.111	1.090						
2004	1.081	1.068	1.066							
2005	1.078	1.077								
2006	1.106									
2007										
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
Simple Avg. - Incremental	1.108	1.091	1.089	1.077	1.091	1.076	1.075	1.070	1.071	1.063
Wtd Avg. All - Incremental	1.114	1.094	1.089	1.079	1.086	1.074	1.068	1.067	1.068	1.061
Wtd Latest Five - Incremental	1.109	1.103	1.092	1.087	1.079	1.077	1.069	1.072	1.069	1.064
Wtd Avg. All - Cumulative	9.597	8.613	7.871	7.227	6.697	6.168	5.745	5.380	5.043	4.722
Wtd Latest Five - Cumulative	9.898	8.925	8.090	7.412	6.820	6.318	5.869	5.492	5.121	4.790

Paid Loss & ALAE - Actual - Without Retroactive Payments

Evaluated As of December 31, 2017

Year of Birth	252	264	276	288	300	312	324	336	348
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1989	10,186,409	10,458,034	10,858,188	11,264,469	11,834,215	12,442,023	13,073,741	13,646,673	14,005,813
1990	3,837,883	3,989,667	4,134,429	4,326,699	4,673,146	4,878,973	5,065,431	5,259,055	
1991	4,405,095	5,367,300	5,786,808	6,319,582	6,871,193	7,371,296	7,914,327		
1992	8,309,249	9,132,399	10,008,985	10,863,922	11,711,757	12,637,596			
1993	14,901,266	15,901,276	16,778,547	17,673,214	18,462,866				
1994	5,824,760	6,072,798	6,312,367	6,558,068					
1995	7,796,807	8,404,394	9,127,251						
1996	7,861,193	8,332,647							
1997	10,353,402								
1998									
1999									
2000									
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2012									
2013									
2014									
2015									
2016									
2017									
	252:264	264:276	276:288	288:300	300:312	312:324	324:336	336:348	348:Ult.
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1989	1.027	1.038	1.037	1.051	1.051	1.051	1.044	1.026	
1990	1.040	1.036	1.047	1.080	1.044	1.038	1.038		
1991	1.218	1.078	1.092	1.087	1.073	1.074			
1992	1.099	1.096	1.085	1.078	1.079				
1993	1.067	1.055	1.053	1.045					
1994	1.043	1.039	1.039						
1995	1.078	1.086							
1996	1.060								
1997									
1998									
1999									
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2004									
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2007									
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2011									
2012									
2013									
2014									
2015									
2016									
Simple Avg. - Incremental	1.079	1.061	1.059	1.068	1.062	1.054	1.041	1.026	
Wtd Avg. All - Incremental	1.072	1.062	1.058	1.062	1.064	1.055	1.042	1.026	
Wtd Latest Five - Incremental	1.070	1.070	1.063	1.062	1.064	1.055	1.042	1.026	
Wtd Avg. All - Cumulative	4.452	4.153	3.911	3.696	3.482	3.273	3.102	2.976	2.900
Wtd Latest Five - Cumulative	4.501	4.205	3.930	3.696	3.482	3.273	3.102	2.976	2.900

Evaluated As of December 31, 2017

Year of Birth C.Y Ending	1989 12/31/1989	1990 12/31/1990	1991 12/31/1991	1992 12/31/1992	1993 12/31/1993	1994 12/31/1994	1995 12/31/1995	1996 12/31/1996	1997 12/31/1997	1998 12/31/1998
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%
B. Accident Year - 1/1 to 12/31	1.75%	1.75%	1.49%	1.46%	1.62%	1.30%	1.00%	1.09%	0.91%	0.92%
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%
B. Accident Year - 1/1 to 12/31	0.81%	0.81%	0.53%	0.47%	0.42%	0.39%	0.35%	0.37%	0.24%	0.26%
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%
B. Accident Year - 1/1 to 12/31	0.90%	0.90%	0.63%	0.57%	0.54%	0.48%	0.41%	0.44%	0.31%	0.32%

Year of Birth	12	24	36	48	60	72	84	96	108	120
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**Case Outstanding Loss & ALAE - Inflation Factors - Based on Accident Year Factors**

1989	1.000	1.008	1.013	1.018	1.022	1.026	1.030	1.034	1.036	1.039
1990	1.000	1.005	1.010	1.014	1.018	1.022	1.026	1.028	1.031	1.034
1991	1.000	1.005	1.009	1.013	1.016	1.020	1.023	1.025	1.029	1.033
1992	1.000	1.004	1.008	1.012	1.015	1.018	1.020	1.024	1.028	1.031
1993	1.000	1.004	1.007	1.011	1.014	1.016	1.020	1.024	1.027	1.031
1994	1.000	1.003	1.007	1.010	1.012	1.016	1.020	1.023	1.027	1.030
1995	1.000	1.004	1.006	1.009	1.012	1.016	1.019	1.023	1.026	1.077
1996	1.000	1.002	1.005	1.008	1.013	1.016	1.020	1.022	1.073	1.082
1997	1.000	1.003	1.006	1.010	1.013	1.017	1.020	1.070	1.080	1.132
1998	1.000	1.003	1.008	1.011	1.014	1.017	1.068	1.077	1.129	1.135
1999	1.000	1.004	1.007	1.011	1.014	1.017	1.064	1.125	1.131	1.182
2000	1.000	1.003	1.007	1.010	1.060	1.069	1.121	1.126	1.178	1.182
2001	1.000	1.004	1.007	1.056	1.066	1.117	1.123	1.174	1.178	1.182
2002	1.000	1.003	1.052	1.062	1.113	1.119	1.170	1.174	1.177	1.182
2003	1.000	1.049	1.059	1.110	1.115	1.166	1.170	1.174	1.179	1.295
2004	1.000	1.009	1.058	1.063	1.111	1.115	1.118	1.123	1.234	1.243
2005	1.000	1.049	1.054	1.102	1.106	1.109	1.114	1.223	1.232	1.234
2006	1.000	1.005	1.051	1.054	1.057	1.062	1.166	1.175	1.177	1.179
2007	1.000	1.046	1.049	1.052	1.057	1.161	1.169	1.171	1.173	1.197
2008	1.000	1.004	1.006	1.011	1.110	1.118	1.120	1.122	1.145	1.147
2009	1.000	1.003	1.007	1.106	1.114	1.116	1.118	1.141	1.143	
2010	1.000	1.004	1.103	1.111	1.113	1.115	1.137	1.140		
2011	1.000	1.098	1.106	1.108	1.110	1.133	1.135			
2012	1.000	1.007	1.009	1.011	1.031	1.033				
2013	1.000	1.002	1.004	1.024	1.026					
2014	1.000	1.002	1.022	1.024						
2015	1.000	1.020	1.022							
2016	1.000	1.002								
2017	1.000									

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

1989	1.000	1.017	1.033	1.048	1.065	1.078	1.089	1.101	1.111	1.121
1990	1.000	1.015	1.030	1.046	1.060	1.071	1.082	1.092	1.102	1.113
1991	1.000	1.015	1.031	1.044	1.055	1.066	1.076	1.086	1.096	1.107
1992	1.000	1.016	1.029	1.040	1.051	1.061	1.070	1.081	1.091	1.103
1993	1.000	1.013	1.023	1.034	1.044	1.053	1.063	1.074	1.085	1.098
1994	1.000	1.010	1.021	1.030	1.040	1.050	1.060	1.071	1.084	1.095
1995	1.000	1.011	1.020	1.029	1.039	1.050	1.061	1.073	1.084	1.099
1996	1.000	1.009	1.018	1.028	1.038	1.049	1.062	1.072	1.088	1.103
1997	1.000	1.009	1.019	1.029	1.040	1.052	1.063	1.078	1.093	1.104
1998	1.000	1.010	1.020	1.030	1.043	1.053	1.068	1.083	1.094	1.108
1999	1.000	1.010	1.020	1.033	1.043	1.058	1.073	1.083	1.097	1.169
2000	1.000	1.010	1.023	1.033	1.047	1.062	1.073	1.087	1.157	1.246
2001	1.000	1.012	1.022	1.037	1.051	1.062	1.076	1.145	1.233	1.242
2002	1.000	1.010	1.024	1.039	1.049	1.063	1.132	1.218	1.227	1.240
2003	1.000	1.014	1.028	1.039	1.052	1.121	1.206	1.215	1.228	1.237
2004	1.000	1.014	1.024	1.038	1.105	1.189	1.198	1.210	1.220	1.227
2005	1.000	1.010	1.023	1.090	1.173	1.182	1.194	1.203	1.210	1.216
2006	1.000	1.013	1.079	1.161	1.170	1.182	1.191	1.198	1.205	1.209
2007	1.000	1.065	1.146	1.155	1.176	1.182	1.189	1.199	1.194	1.202
2008	1.000	1.076	1.085	1.095	1.104	1.110	1.116	1.121	1.128	1.135
2009	1.000	1.008	1.018	1.026	1.032	1.037	1.041	1.049	1.055	
2010	1.000	1.010	1.018	1.024	1.029	1.033	1.040	1.047		
2011	1.000	1.008	1.014	1.019	1.023	1.030	1.036			
2012	1.000	1.006	1.011	1.015	1.022	1.028				
2013	1.000	1.006	1.010	1.016	1.022					
2014	1.000	1.004	1.011	1.017						
2015	1.000	1.007	1.013							
2016	1.000	1.006								
2017	1.000									

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

Evaluated As of December 31, 2017

Year of Birth C.Y Ending	1999 12/31/1999	2000 12/31/2000	2001 12/31/2001	2002 12/31/2002	2003 12/31/2003	2004 12/31/2004	2005 12/31/2005	2006 12/31/2006	2007 12/31/2007	2008 12/31/2008
<b>Assumptions:</b>										
<b>I. Incremental Paid Inflation Per Year</b>										
A. Accident Year - 1/1 to 12/31 (a)	0.97%	0.98%	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%
B. Accident Year - 1/1 to 12/31	0.97%	0.98%	1.05%	1.22%	0.99%	1.42%	1.41%	0.99%	1.32%	6.50%
<b>II. Case O/S Inflation Per Year</b>										
A. Accident Year - 1/1 to 12/31 (a)	0.35%	0.42%	0.30%	0.38%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%
B. Accident Year - 1/1 to 12/31	0.35%	0.42%	0.30%	0.38%	0.29%	4.94%	0.87%	4.86%	0.50%	4.55%
<b>III. Incurred Inflation Per Year - Wtd Avg. of Pd &amp; O/S - ( 10 % / 90 % )</b>										
A. Accident Year - 1/1 to 12/31	0.41%	0.47%	0.38%	0.46%	0.36%	4.59%	0.92%	4.47%	0.58%	4.75%
B. Accident Year - 1/1 to 12/31	0.41%	0.47%	0.38%	0.46%	0.36%	4.59%	0.92%	4.47%	0.58%	4.75%

Year of Birth	132	144	156	168	180	192	204	216	228	240
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**Case Outstanding Loss & ALAE - Inflation Factors - Based on Accident Year Factors**

1989	1.043	1.047	1.050	1.054	1.057	1.109	1.119	1.173	1.179	1.233
1990	1.038	1.042	1.046	1.049	1.100	1.110	1.164	1.170	1.223	1.227
1991	1.036	1.040	1.043	1.095	1.104	1.158	1.163	1.216	1.221	1.224
1992	1.035	1.038	1.089	1.099	1.152	1.158	1.211	1.215	1.218	1.224
1993	1.034	1.085	1.094	1.147	1.153	1.206	1.210	1.213	1.219	1.338
1994	1.081	1.090	1.143	1.149	1.201	1.205	1.209	1.214	1.333	1.343
1995	1.086	1.139	1.145	1.197	1.201	1.205	1.210	1.329	1.338	1.341
1996	1.135	1.141	1.192	1.197	1.200	1.205	1.324	1.333	1.336	1.338
1997	1.138	1.190	1.194	1.197	1.202	1.320	1.330	1.333	1.335	1.362
1998	1.187	1.191	1.194	1.199	1.317	1.327	1.329	1.331	1.358	1.361
1999	1.187	1.190	1.195	1.313	1.322	1.325	1.327	1.353	1.356	
2000	1.185	1.190	1.307	1.317	1.319	1.321	1.348	1.351		
2001	1.187	1.303	1.313	1.315	1.317	1.344	1.347			
2002	1.298	1.308	1.310	1.312	1.339	1.342				
2003	1.304	1.306	1.309	1.335	1.338					
2004	1.245	1.247	1.272	1.275						
2005	1.236	1.261	1.264							
2006	1.203	1.205								
2007	1.199									
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										

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

1989	1.132	1.143	1.155	1.169	1.181	1.198	1.214	1.226	1.243	1.323
1990	1.124	1.135	1.149	1.161	1.177	1.194	1.205	1.221	1.301	1.400
1991	1.119	1.132	1.144	1.160	1.176	1.188	1.203	1.282	1.379	1.390
1992	1.116	1.127	1.143	1.159	1.171	1.186	1.263	1.359	1.370	1.384
1993	1.109	1.125	1.141	1.152	1.167	1.243	1.338	1.348	1.362	1.372
1994	1.110	1.126	1.137	1.152	1.227	1.320	1.331	1.344	1.355	1.362
1995	1.115	1.126	1.141	1.215	1.307	1.318	1.331	1.341	1.349	1.356
1996	1.114	1.128	1.202	1.293	1.303	1.316	1.327	1.334	1.342	1.347
1997	1.118	1.191	1.282	1.292	1.305	1.315	1.322	1.329	1.335	1.344
1998	1.180	1.270	1.280	1.293	1.303	1.310	1.317	1.323	1.332	1.339
1999	1.258	1.268	1.280	1.290	1.298	1.305	1.310	1.319	1.327	
2000	1.255	1.268	1.278	1.285	1.292	1.297	1.306	1.314		
2001	1.255	1.265	1.272	1.279	1.284	1.293	1.300			
2002	1.249	1.256	1.263	1.268	1.277	1.285				
2003	1.244	1.251	1.256	1.265	1.272					
2004	1.234	1.238	1.247	1.254						
2005	1.221	1.230	1.237							
2006	1.218	1.225								
2007	1.209									
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										

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

Evaluated As of December 31, 2017

Year of Birth C.Y Ending	2009 12/31/2009	2010 12/31/2010	2011 12/31/2011	2012 12/31/2012	2013 12/31/2013	2014 12/31/2014	2015 12/31/2015	2016 12/31/2016	2017 12/31/2017	2018 12/31/2018
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Assumptions:

I. Incremental Paid Inflation Per Year

A. Accident Year - 1/1 to 12/31 (a)	7.62%	0.78%	1.00%	0.78%	0.57%	0.55%	0.40%	0.69%	0.59%	0.34%
B. Accident Year - 1/1 to 12/31	7.62%	0.78%	1.00%	0.78%	0.57%	0.55%	0.40%	0.69%	0.59%	0.34%

II. Case O/S Inflation Per Year

A. Accident Year - 1/1 to 12/31 (a)	0.35%	0.29%	0.42%	9.83%	0.72%	0.19%	0.17%	2.01%	0.22%	0.14%
B. Accident Year - 1/1 to 12/31	0.35%	0.29%	0.42%	9.83%	0.72%	0.19%	0.17%	2.01%	0.22%	0.14%

III. Incurred Inflation Per Year - Wtd Avg. of Pd & O/S - ( 10 % / 90 %)

A. Accident Year - 1/1 to 12/31	1.08%	0.34%	0.48%	8.92%	0.71%	0.23%	0.19%	1.87%	0.26%	0.16%
B. Accident Year - 1/1 to 12/31	1.08%	0.34%	0.48%	8.92%	0.71%	0.23%	0.19%	1.87%	0.26%	0.16%

Year of Birth	252	264	276	288	300	312	324	336	348
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**Case Outstanding Loss & ALAE - Inflation Factors - Based on Accident Year Factors**

1989	1.237	1.241	1.246	1.368	1.378	1.381	1.383	1.411	1.414
1990	1.231	1.236	1.357	1.367	1.370	1.372	1.400	1.403	
1991	1.229	1.350	1.360	1.363	1.365	1.392	1.395		
1992	1.344	1.354	1.356	1.359	1.386	1.389			
1993	1.348	1.351	1.353	1.380	1.383				
1994	1.345	1.348	1.375	1.378					
1995	1.343	1.370	1.373						
1996	1.365	1.368							
1997	1.365								
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
2017									

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

1989	1.424	1.435	1.450	1.461	1.469	1.477	1.483	1.493	1.502
1990	1.411	1.425	1.436	1.444	1.452	1.458	1.468	1.476	
1991	1.404	1.415	1.423	1.431	1.436	1.446	1.455		
1992	1.394	1.402	1.410	1.416	1.425	1.434			
1993	1.380	1.388	1.393	1.403	1.411				
1994	1.370	1.375	1.385	1.393					
1995	1.362	1.371	1.379						
1996	1.356	1.364							
1997	1.352								
1998									
1999									
2000									
2001									
2002									
2003									
2004									
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014									
2015									
2016									
2017									

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

Ultimate Accepted Claim Counts  
Evaluated As of December 31, 2017

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)	
(1)	(2)	(3)	(4)	(5)	(6)	(8)	(9)	(10)
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	-	10	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	-	9	14	64%	6.00	5.00	14
2016	3	-	2	5	40%	12.00	9.00	11
2017	-	1	-	1	100%	16.00	12.00	13
Totals All:	131	60	191	382	66%	37	29	280
Latest 3	8	1	11	20	60%	34	26	38
Latest 5	14	2	31	47	70%	37	29	62
Latest 10	33	6	73	112	71%	37	29	108
Latest 15	54	17	104	175	69%	37	29	150
Latest 20	87	32	140	259	66%	37	29	201

(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 December 31, 2017.

(c) The accepted claims shown in Column (4), AAA, are accepted claims that are alive as of December 31, 2017.

Ultimate Accepted Claim Counts  
Evaluated As of December 31, 2017

Year of Birth	Actual (a) Accepted Claim Cts. @ 12/31/17	Reported Claim Cts. (b) @ 12/31/17	Loss Development Factors		Indicated Ultimate Reported Claim Cts. (3) x (5)	Ratio of Actual Accepted to Reported Claims (2) / (3)	Estimated Ultimate Accepted Claim Cts. (c)	Ratio of Ultimate Accepted to Ultimate Rept. Claims (8) / (6)	IBNR for All Accepted Claim Cts. (8) - (2)
			Incremental	Cumulative					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	15	32	1.000	1.000	32.0	0.46875	15	0.46875	-
1990	10	39	1.000	1.000	39.0	0.25641	10	0.25641	-
1991	8	38	1.000	1.000	38.0	0.21053	8	0.21053	-
1992	14	48	1.000	1.000	48.0	0.29167	14	0.29167	-
1993	15	40	1.000	1.000	40.0	0.37500	15	0.37500	-
1994	16	36	1.000	1.000	36.0	0.44444	16	0.44444	-
1995	11	26	1.000	1.000	26.0	0.42308	11	0.42308	-
1996	17	40	1.000	1.000	40.0	0.42500	17	0.42500	-
1997	17	47	1.000	1.000	47.0	0.36170	17	0.36170	-
1998	18	42	1.000	1.000	42.0	0.42857	18	0.42857	-
1999	18	40	1.000	1.000	40.0	0.45000	18	0.45000	-
2000	13	38	1.000	1.000	38.0	0.34211	13	0.34211	-
2001	13	41	1.000	1.000	41.0	0.31707	13	0.31707	-
2002	22	50	1.000	1.000	50.0	0.44000	22	0.44000	-
2003	9	23	1.000	1.000	23.0	0.39130	9	0.39130	-
2004	13	31	1.000	1.000	31.0	0.41935	13	0.41935	-
2005	13	41	1.000	1.000	41.0	0.31707	13	0.31707	-
2006	13	34	1.000	1.000	34.0	0.38235	13	0.38235	-
2007	15	36	1.000	1.000	36.0	0.41667	15	0.41667	-
2008	11	42	1.000	1.000	42.0	0.26190	11	0.26190	-
2009	17	50	1.000	1.000	50.0	0.34000	17	0.34000	-
2010	12	39	1.005	1.005	39.2	0.30769	12	0.30616	-
2011	14	40	1.010	1.015	40.6	0.35000	14	0.34481	-
2012	11	50	1.015	1.030	51.5	0.22000	11	0.21354	-
2013	12	31	1.125	1.159	35.9		13	0.36181	1
2014	15	38	1.125	1.304	49.5		17	0.34309	2
2015	14	34	1.275	1.663	56.5		20	0.35382	6
2016	5	13	2.250	3.741	48.6		17	0.34959	12
2017	1	3	3.500	13.092	39.3		17	0.43282	16
Totals:	382	1,062			1,175		419		37

Notes:(a) Based on individual claim detail provided by NICA as of December 31, 2017.

(b) See Exhibit X, Sheets 2a, 2b and 2c.

(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 December 31, 2017

Year of Birth	Actual (a) Accepted Claim Cts. @ 12/31/17	Reported (a) Claim Cts. @ 12/31/17	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	39	1,071	0.0112	0.0364	0.3077
2011	14	40	1,091	0.0128	0.0367	0.3500
2012	11	50	1,119	0.0098	0.0447	0.2200
Subtotals:						
89 to 12	335	943	19,121	0.0175	0.0493	0.3552
89 to 02	207	557	9,432	0.0219	0.0591	0.3716
03 to 12	128	386	9,689	0.0132	0.0398	0.3316
07 to 12	80	257	6,275	0.0127	0.0410	0.3113
Selected Frequency =====>				0.0135	0.0400	0.3375

Year of Birth	Actual (a) Accepted Claim Cts. @ 12/31/17	Reported Claims (a) @ 12/31/17	Insured Physicians @ 12/31/17	Estimated Claim Reporting Pattern - Based on :		Estimated 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 (11)	Reported (12)		Reported Claim Cts. (13) X (7) Sel. (14)	Accepted (8) + {[1-(11)] X [(10) X (5)Sel]} (15)	
(1)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
2013	12	31	1,143	95.24%	86.28%	37.27	12.58	12.73	13
2014	15	38	1,208	86.58%	76.69%	49.26	16.63	17.19	17
2015	14	34	1,273	66.60%	60.15%	54.29	18.32	19.74	20
2016	5	13	1,318	40.36%	26.73%	51.63	17.42	15.61	17
2017	1	3	1,356	13.45%	7.64%	53.10	17.92	16.84	17
Subtotals:									
	47	119	6,298			245.55	82.87	82.12	84.00

Notes: (a) Based on individual claim detail provided by NICA as of December 31, 2017. See Exhibit X, Sheet 1b.

Open Accepted Claim Counts  
Evaluated As of December 31, 2017

Year of Birth	Reported Open Accepted Claim Counts @ 12/31/17				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)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
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	-	1	11	12	-	-	-	-	12	12
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	-	-	10	10	-	-	-	-	10	10
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	2	-	12	14	-	2	2	2	14	16
2015	1	-	8	9	1	5	6	2	13	15
2016	-	-	2	2	3	9	12	3	11	14
2017	-	-	-	-	4	12	16	4	12	16
Totals All:	3	1	190	194	8	29	37	11	220	231

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 December 31, 2017.  
 (c) AAA are accepted claims that are alive as of December 31, 2017.  
 (d) See Exhibit X, Sheet 1a, Columns (9) and (8), respectively.

Reported Claim Counts  
Evaluated As of December 31, 2017

Year of Birth	12	24	36	48	60	72	84	96	108	120
1989		5	17	21	25	28	30	32	32	32
1990	1	7	18	27	30	37	38	39	39	39
1991	0	6	17	24	29	34	34	37	37	37
1992	5	11	31	39	42	47	48	48	48	48
1993	3	9	32	34	35	40	40	40	40	40
1994	3	16	28	31	31	36	36	36	36	36
1995	2	6	14	20	23	25	25	26	26	26
1996	2	11	19	23	31	39	39	39	39	40
1997	2	12	25	33	42	47	47	47	47	47
1998	2	13	30	34	35	41	42	42	42	42
1999	5	14	22	29	32	39	40	40	40	40
2000	4	16	26	31	33	38	38	38	38	38
2001	3	10	23	30	35	41	41	41	41	41
2002	3	18	33	38	42	50	50	50	50	50
2003	3	8	11	15	18	21	21	23	23	23
2004	1	10	15	20	23	29	30	30	31	31
2005	0	9	21	30	35	39	40	41	41	41
2006	2	9	17	24	28	33	33	33	34	34
2007	4	12	22	26	31	32	33	36	36	36
2008	1	9	18	24	29	37	37	41	42	42
2009	5	15	26	34	39	47	48	48	50	
2010	4	13	25	32	36	39	39	39		
2011	6	14	24	37	38	40	40			
2012	5	17	36	44	46	50				
2013	5	12	23	27	31					
2014	2	14	32	38						
2015	0	13	34							
2016	7	13								
2017	3									
	12:24	24:36	36:48	48:60	60:72	72:84	84:96	96:108	108:120	120:132
1989		3.400	1.235	1.190	1.120	1.071	1.067	1.000	1.000	1.000
1990	7.000	2.571	1.500	1.111	1.233	1.027	1.026	1.000	1.000	1.000
1991		2.833	1.412	1.208	1.172	1.000	1.088	1.000	1.000	1.000
1992	2.200	2.818	1.258	1.077	1.119	1.021	1.000	1.000	1.000	1.000
1993	3.000	3.556	1.063	1.029	1.143	1.000	1.000	1.000	1.000	1.000
1994	5.333	1.750	1.107	1.000	1.161	1.000	1.000	1.000	1.000	1.000
1995	3.000	2.333	1.429	1.150	1.087	1.000	1.040	1.000	1.000	1.000
1996	5.500	1.727	1.211	1.348	1.258	1.000	1.000	1.000	1.026	1.000
1997	6.000	2.083	1.320	1.273	1.119	1.000	1.000	1.000	1.000	1.000
1998	6.500	2.308	1.133	1.029	1.171	1.024	1.000	1.000	1.000	1.000
1999	2.800	1.571	1.318	1.103	1.219	1.026	1.000	1.000	1.000	1.000
2000	4.000	1.625	1.192	1.065	1.152	1.000	1.000	1.000	1.000	1.000
2001	3.333	2.300	1.304	1.167	1.171	1.000	1.000	1.000	1.000	1.000
2002	6.000	1.833	1.152	1.105	1.190	1.000	1.000	1.000	1.000	1.000
2003	2.667	1.375	1.364	1.200	1.167	1.000	1.095	1.000	1.000	1.000
2004	10.000	1.500	1.333	1.150	1.261	1.034	1.000	1.033	1.000	1.000
2005		2.333	1.429	1.167	1.114	1.026	1.025	1.000	1.000	1.000
2006	4.500	1.889	1.412	1.167	1.179	1.000	1.000	1.030	1.000	1.000
2007	3.000	1.833	1.182	1.192	1.032	1.031	1.091	1.000	1.000	1.000
2008	9.000	2.000	1.333	1.208	1.276	1.000	1.108	1.024	1.000	
2009	3.000	1.733	1.308	1.147	1.205	1.021	1.000	1.042		
2010	3.250	1.923	1.280	1.125	1.083	1.000	1.000			
2011	2.333	1.714	1.542	1.027	1.053	1.000				
2012	3.400	2.118	1.222	1.045	1.087					
2013	2.400	1.917	1.174	1.148						
2014	7.000	2.286	1.188							
2015		2.615								
2016	1.857									
Simple Avg. - Incremental	4.461	2.146	1.285	1.137	1.157	1.012	1.025	1.006	1.001	1.000
Wtd Avg. All - Incremental	3.963	2.068	1.264	1.127	1.154	1.012	1.021	1.006	1.001	1.000
Wtd Latest Five - Incremental	3.632	2.129	1.271	1.092	1.133	1.010	1.037	1.020	1.000	1.000
Selected Incremental - Prior 12/31/16	3.500	2.000	1.300	1.125	1.125	1.015	1.010	1.005	1.000	1.000
Selected - Incremental	3.500	2.250	1.275	1.125	1.125	1.015	1.010	1.005	1.000	1.000
Selected - Cumulative	13.092	3.741	1.663	1.304	1.159	1.030	1.015	1.005	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 - 2017 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
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>Percent of Remaining (O/S) Loss &amp; Expense Payments By Calendar Year</b>									
<b>Future Payments Based on 2017 Level - After Mortality</b>									
2018	2.65%	1.48%	1.34%	1.73%	1.95%	1.75%	2.06%	1.82%	1.15%
2019	1.18%	1.32%	1.46%	1.32%	1.69%	1.92%	1.71%	2.03%	1.80%
2020	2.41%	1.46%	1.30%	1.44%	1.29%	1.66%	1.88%	1.68%	2.00%
2021	2.35%	1.86%	1.44%	1.28%	1.41%	1.27%	1.63%	1.84%	1.66%
2022	2.57%	1.70%	1.84%	1.42%	1.26%	1.39%	1.25%	1.60%	1.82%
2023	2.27%	1.77%	1.68%	1.81%	1.39%	1.23%	1.36%	1.22%	1.58%
2024	2.77%	1.78%	1.74%	1.65%	1.77%	1.37%	1.21%	1.33%	1.21%
2025	2.16%	2.00%	1.76%	1.71%	1.62%	1.74%	1.34%	1.19%	1.32%
2026	2.12%	1.90%	1.97%	1.73%	1.68%	1.59%	1.70%	1.31%	1.17%
2027	2.44%	1.89%	1.87%	1.94%	1.70%	1.65%	1.56%	1.67%	1.30%
2028	2.02%	1.88%	1.86%	1.84%	1.90%	1.67%	1.62%	1.53%	1.65%
2029	1.99%	1.83%	1.86%	1.83%	1.81%	1.87%	1.63%	1.59%	1.51%
2030	2.05%	1.86%	1.80%	1.82%	1.80%	1.77%	1.83%	1.60%	1.57%
2031	2.93%	2.00%	1.83%	1.77%	1.79%	1.77%	1.74%	1.80%	1.58%
2032	2.63%	2.21%	1.97%	1.80%	1.74%	1.76%	1.73%	1.71%	1.77%
2033	2.34%	2.24%	2.18%	1.94%	1.76%	1.71%	1.72%	1.70%	1.69%
2034	2.28%	2.39%	2.21%	2.14%	1.90%	1.73%	1.67%	1.69%	1.68%
2035	2.24%	2.32%	2.36%	2.17%	2.10%	1.86%	1.70%	1.64%	1.67%
2036	2.26%	2.27%	2.29%	2.32%	2.13%	2.06%	1.83%	1.67%	1.62%
2037	2.49%	2.35%	2.24%	2.25%	2.28%	2.09%	2.02%	1.79%	1.65%
2038	2.54%	2.34%	2.32%	2.20%	2.21%	2.24%	2.05%	1.98%	1.77%
2039	2.08%	2.36%	2.31%	2.28%	2.16%	2.17%	2.19%	2.01%	1.96%
2040	2.02%	2.26%	2.32%	2.27%	2.24%	2.12%	2.13%	2.15%	1.99%
2041	1.98%	2.19%	2.23%	2.28%	2.22%	2.20%	2.08%	2.09%	2.13%
2042	2.08%	2.11%	2.16%	2.19%	2.24%	2.18%	2.15%	2.04%	2.06%
2043	1.86%	2.06%	2.08%	2.13%	2.15%	2.20%	2.14%	2.11%	2.02%
2044	1.81%	2.00%	2.04%	2.05%	2.09%	2.11%	2.15%	2.10%	2.09%
2045	2.06%	1.96%	1.97%	2.00%	2.01%	2.05%	2.07%	2.12%	2.08%
2046	1.70%	1.88%	1.93%	1.94%	1.96%	1.97%	2.01%	2.03%	2.09%
2047	1.87%	1.82%	1.86%	1.90%	1.90%	1.93%	1.93%	1.97%	2.00%
2048	1.59%	1.80%	1.80%	1.82%	1.86%	1.87%	1.89%	1.90%	1.95%
2049	1.54%	1.75%	1.77%	1.77%	1.79%	1.83%	1.83%	1.85%	1.88%
2050	1.50%	1.70%	1.72%	1.74%	1.73%	1.76%	1.79%	1.80%	1.83%
2051	1.44%	1.66%	1.68%	1.69%	1.71%	1.70%	1.72%	1.76%	1.78%
2052	1.75%	1.59%	1.63%	1.65%	1.66%	1.68%	1.67%	1.69%	1.74%
2053	1.35%	1.54%	1.57%	1.61%	1.62%	1.63%	1.64%	1.64%	1.67%
2054	1.30%	1.50%	1.52%	1.54%	1.57%	1.59%	1.60%	1.61%	1.62%
2055	1.25%	1.46%	1.48%	1.50%	1.51%	1.55%	1.56%	1.57%	1.60%
2056	1.21%	1.40%	1.44%	1.45%	1.47%	1.49%	1.51%	1.53%	1.55%
2057	1.31%	1.36%	1.38%	1.41%	1.43%	1.44%	1.46%	1.49%	1.51%
2058	1.12%	1.35%	1.35%	1.36%	1.38%	1.40%	1.41%	1.43%	1.47%
2059	1.26%	1.30%	1.33%	1.32%	1.33%	1.36%	1.37%	1.39%	1.41%
2060	1.03%	1.26%	1.28%	1.31%	1.30%	1.31%	1.33%	1.35%	1.37%
2061	0.98%	1.21%	1.24%	1.26%	1.28%	1.27%	1.28%	1.31%	1.33%
2062	1.02%	1.16%	1.20%	1.22%	1.23%	1.26%	1.25%	1.26%	1.29%
2063	0.90%	1.13%	1.15%	1.18%	1.20%	1.21%	1.24%	1.23%	1.24%
2064	0.86%	1.08%	1.11%	1.13%	1.15%	1.18%	1.19%	1.21%	1.21%
2065	0.82%	1.05%	1.07%	1.09%	1.10%	1.13%	1.15%	1.16%	1.20%
2066	0.91%	1.00%	1.04%	1.05%	1.07%	1.08%	1.11%	1.13%	1.15%
2067	0.84%	0.95%	0.98%	1.02%	1.03%	1.05%	1.06%	1.09%	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 2017 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 - 2017 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
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>Percent of Remaining (O/S) Loss &amp; Expense Payments By Calendar Year</b>									
<b>Future Payments Based on 2017 Level - After Mortality</b>									
2068	0.71%	0.91%	0.94%	0.97%	1.00%	1.01%	1.03%	1.04%	1.08%
2069	0.67%	0.87%	0.90%	0.92%	0.95%	0.98%	0.99%	1.01%	1.03%
2070	0.63%	0.83%	0.86%	0.89%	0.90%	0.93%	0.96%	0.97%	1.00%
2071	0.60%	0.79%	0.82%	0.84%	0.87%	0.89%	0.91%	0.94%	0.96%
2072	0.61%	0.75%	0.78%	0.81%	0.83%	0.85%	0.87%	0.89%	0.93%
2073	0.61%	0.72%	0.74%	0.77%	0.79%	0.81%	0.84%	0.85%	0.88%
2074	0.50%	0.68%	0.71%	0.73%	0.76%	0.78%	0.80%	0.82%	0.84%
2075	0.47%	0.65%	0.67%	0.70%	0.72%	0.74%	0.76%	0.78%	0.81%
2076	0.44%	0.60%	0.64%	0.66%	0.68%	0.70%	0.73%	0.75%	0.77%
2077	0.46%	0.57%	0.60%	0.63%	0.64%	0.67%	0.69%	0.71%	0.74%
2078	0.38%	0.54%	0.56%	0.59%	0.61%	0.63%	0.66%	0.68%	0.71%
2079	0.36%	0.51%	0.53%	0.55%	0.57%	0.60%	0.62%	0.65%	0.67%
2080	0.37%	0.47%	0.50%	0.52%	0.54%	0.56%	0.59%	0.61%	0.64%
2081	0.31%	0.44%	0.47%	0.49%	0.51%	0.53%	0.55%	0.58%	0.60%
2082	0.30%	0.41%	0.43%	0.46%	0.48%	0.50%	0.52%	0.54%	0.57%
2083	0.26%	0.38%	0.40%	0.42%	0.45%	0.47%	0.49%	0.51%	0.54%
2084	0.24%	0.35%	0.38%	0.40%	0.42%	0.44%	0.46%	0.49%	0.50%
2085	0.22%	0.33%	0.34%	0.37%	0.39%	0.41%	0.43%	0.45%	0.48%
2086	0.20%	0.30%	0.32%	0.34%	0.36%	0.38%	0.40%	0.43%	0.45%
2087	0.22%	0.27%	0.29%	0.32%	0.33%	0.36%	0.37%	0.39%	0.42%
2088	0.17%	0.25%	0.27%	0.29%	0.31%	0.32%	0.35%	0.37%	0.39%
2089	0.15%	0.22%	0.24%	0.26%	0.28%	0.30%	0.32%	0.34%	0.36%
2090	0.14%	0.20%	0.22%	0.24%	0.26%	0.28%	0.30%	0.31%	0.34%
2091	0.12%	0.18%	0.20%	0.22%	0.23%	0.25%	0.27%	0.29%	0.31%
2092	0.12%	0.16%	0.17%	0.20%	0.21%	0.23%	0.25%	0.27%	0.29%
2093	0.10%	0.14%	0.16%	0.17%	0.19%	0.21%	0.23%	0.24%	0.26%
2094	0.09%	0.12%	0.14%	0.15%	0.17%	0.19%	0.21%	0.22%	0.24%
2095	0.07%	0.11%	0.12%	0.14%	0.15%	0.17%	0.18%	0.20%	0.22%
2096	0.07%	0.09%	0.11%	0.12%	0.13%	0.15%	0.16%	0.18%	0.20%
2097	0.06%	0.08%	0.09%	0.10%	0.12%	0.13%	0.15%	0.16%	0.18%
2098	0.05%	0.07%	0.08%	0.09%	0.10%	0.12%	0.13%	0.14%	0.16%
2099	0.04%	0.06%	0.07%	0.08%	0.09%	0.10%	0.11%	0.13%	0.14%
2100	0.03%	0.05%	0.06%	0.06%	0.07%	0.09%	0.10%	0.11%	0.13%
2101	0.03%	0.04%	0.05%	0.05%	0.06%	0.07%	0.08%	0.10%	0.11%
2102	0.02%	0.03%	0.04%	0.04%	0.05%	0.06%	0.07%	0.08%	0.10%
2103	0.02%	0.02%	0.03%	0.04%	0.04%	0.05%	0.06%	0.07%	0.08%
2104	0.01%	0.02%	0.02%	0.03%	0.04%	0.04%	0.05%	0.06%	0.07%
2105	0.01%	0.01%	0.02%	0.02%	0.03%	0.04%	0.04%	0.05%	0.06%
2106	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%	0.04%	0.05%
2107	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%	0.04%
2108	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%
2109	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.03%
2110	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%
2111	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%
2112	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%
2113	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.01%
2114	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%
2115	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%
2116	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
2117	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 2017 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 - 2017 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)
<b>Percent of Remaining (O/S) Loss &amp; Expense Payments By Calendar Year</b>										
<b>Future Payments Based on 2017 Level - After Mortality</b>										
2018	2.70%	2.77%	3.57%	3.51%	4.15%	3.22%	3.32%	3.67%	4.03%	2.45%
2019	2.19%	2.04%	2.35%	1.93%	2.57%	1.54%	1.73%	1.60%	2.77%	1.09%
2020	2.67%	2.23%	2.36%	2.42%	3.56%	2.39%	2.52%	2.58%	3.39%	2.02%
2021	3.41%	2.11%	2.29%	2.38%	3.41%	2.32%	2.25%	2.50%	3.22%	1.98%
2022	3.31%	3.76%	3.04%	2.53%	3.62%	2.56%	2.26%	2.71%	3.50%	2.17%
2023	3.22%	3.46%	2.71%	2.26%	3.21%	2.23%	1.88%	2.53%	2.95%	1.92%
2024	3.85%	4.02%	3.32%	3.62%	3.83%	2.82%	2.21%	2.99%	3.54%	2.36%
2025	3.01%	3.10%	2.57%	2.90%	3.67%	2.12%	1.57%	2.40%	2.67%	1.85%
2026	3.54%	2.95%	2.53%	2.82%	3.56%	2.69%	1.48%	2.35%	2.56%	1.82%
2027	3.57%	3.35%	3.05%	3.05%	3.80%	3.02%	2.78%	2.61%	3.00%	2.08%
2028	3.31%	2.93%	2.71%	2.68%	3.27%	2.56%	2.37%	2.68%	2.40%	1.75%
2029	3.22%	2.78%	2.65%	2.65%	3.17%	2.51%	2.29%	2.61%	2.37%	1.72%
2030	3.10%	2.62%	2.57%	2.54%	3.06%	2.44%	2.18%	2.53%	2.25%	2.05%
2031	3.38%	2.95%	2.92%	2.94%	3.52%	3.04%	2.47%	2.84%	2.70%	2.27%
2032	2.91%	2.41%	2.68%	2.59%	3.07%	2.68%	2.45%	2.61%	2.34%	2.16%
2033	2.80%	2.19%	2.37%	2.35%	2.70%	2.38%	2.21%	2.34%	1.97%	1.93%
2034	2.70%	2.06%	2.30%	2.26%	2.59%	2.32%	2.14%	2.27%	2.18%	1.90%
2035	2.61%	1.95%	2.25%	2.21%	2.50%	2.27%	2.10%	2.22%	2.09%	2.17%
2036	2.51%	1.82%	2.28%	2.13%	2.37%	2.20%	2.02%	2.15%	2.00%	2.12%
2037	2.51%	1.86%	2.52%	2.32%	2.55%	2.47%	2.18%	2.34%	2.24%	2.33%
2038	2.62%	2.56%	2.36%	2.34%	2.61%	2.56%	2.22%	2.33%	2.26%	2.26%
2039	2.23%	2.17%	2.09%	1.94%	2.06%	2.04%	1.87%	1.96%	1.77%	1.99%
2040	2.14%	2.07%	2.03%	1.94%	1.97%	1.98%	1.82%	1.90%	1.70%	1.94%
2041	2.06%	1.97%	1.97%	1.90%	1.88%	1.94%	1.79%	1.85%	1.63%	1.90%
2042	1.97%	1.92%	2.09%	1.95%	1.94%	2.05%	1.84%	1.94%	1.75%	2.00%
2043	1.88%	1.79%	1.84%	1.76%	1.69%	1.82%	1.68%	1.73%	1.50%	1.81%
2044	1.80%	1.71%	1.79%	1.77%	1.62%	1.78%	1.65%	1.68%	1.57%	1.77%
2045	1.92%	1.78%	1.87%	1.87%	1.83%	2.09%	1.83%	1.86%	1.82%	1.90%
2046	1.64%	1.55%	1.67%	1.65%	1.44%	1.67%	1.56%	1.57%	1.45%	1.68%
2047	1.63%	1.57%	1.85%	1.77%	1.56%	1.86%	1.69%	1.71%	1.63%	1.84%
2048	1.48%	1.41%	1.55%	1.53%	1.29%	1.56%	1.48%	1.47%	1.35%	1.59%
2049	1.40%	1.35%	1.49%	1.49%	1.21%	1.51%	1.44%	1.42%	1.30%	1.55%
2050	1.33%	1.29%	1.45%	1.43%	1.15%	1.47%	1.41%	1.37%	1.25%	1.51%
2051	1.26%	1.23%	1.38%	1.37%	1.08%	1.42%	1.36%	1.32%	1.20%	1.47%
2052	1.33%	1.27%	1.57%	1.50%	1.32%	1.78%	1.60%	1.55%	1.53%	1.68%
2053	1.12%	1.12%	1.28%	1.27%	0.95%	1.33%	1.45%	1.25%	1.12%	1.39%
2054	1.05%	1.07%	1.22%	1.21%	0.88%	1.27%	1.40%	1.25%	1.07%	1.34%
2055	0.98%	1.03%	1.17%	1.21%	0.82%	1.22%	1.36%	1.20%	1.03%	1.30%
2056	0.92%	0.99%	1.13%	1.16%	0.77%	1.18%	1.33%	1.16%	1.00%	1.48%
2057	0.89%	1.00%	1.23%	1.23%	0.82%	1.29%	1.40%	1.23%	1.11%	1.59%
2058	0.80%	0.91%	1.02%	1.06%	0.66%	1.08%	1.25%	1.06%	0.92%	1.39%
2059	0.82%	0.89%	1.04%	1.08%	0.75%	1.25%	1.37%	1.13%	1.07%	1.46%
2060	0.68%	0.83%	0.92%	0.96%	0.56%	0.99%	1.17%	0.98%	0.85%	1.30%
2061	0.63%	0.80%	0.87%	0.92%	0.52%	0.94%	1.14%	0.94%	0.81%	1.26%
2062	0.58%	0.79%	0.93%	0.92%	0.53%	0.98%	1.17%	0.96%	0.88%	1.30%
2063	0.53%	0.74%	0.78%	0.82%	0.43%	0.85%	1.06%	0.86%	0.75%	1.17%
2064	0.48%	0.71%	0.73%	0.77%	0.39%	0.81%	1.02%	0.82%	0.72%	1.13%
2065	0.43%	0.68%	0.69%	0.74%	0.36%	0.77%	1.00%	0.78%	0.69%	1.08%
2066	0.43%	0.66%	0.68%	0.72%	0.39%	0.87%	1.06%	0.80%	0.79%	1.12%
2067	0.36%	0.66%	0.70%	0.71%	0.34%	0.78%	0.99%	0.78%	0.74%	1.10%

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 2017 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 - 2017 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)
<b>Percent of Remaining (O/S) Loss &amp; Expense Payments By Calendar Year</b>										
<b>Future Payments Based on 2017 Level - After Mortality</b>										
2068	0.31%	0.60%	0.57%	0.61%	0.26%	0.64%	0.88%	0.67%	0.60%	0.96%
2069	0.27%	0.58%	0.52%	0.57%	0.23%	0.60%	0.84%	0.63%	0.57%	0.91%
2070	0.24%	0.55%	0.48%	0.53%	0.21%	0.56%	0.80%	0.59%	0.54%	0.87%
2071	0.21%	0.53%	0.45%	0.50%	0.18%	0.52%	0.77%	0.56%	0.52%	0.83%
2072	0.18%	0.51%	0.46%	0.48%	0.18%	0.52%	0.76%	0.56%	0.55%	0.84%
2073	0.17%	0.48%	0.39%	0.44%	0.17%	0.53%	0.76%	0.53%	0.56%	0.80%
2074	0.13%	0.45%	0.35%	0.39%	0.12%	0.41%	0.66%	0.47%	0.44%	0.71%
2075	0.11%	0.43%	0.31%	0.36%	0.11%	0.38%	0.62%	0.43%	0.41%	0.67%
2076	0.09%	0.40%	0.28%	0.33%	0.09%	0.34%	0.58%	0.41%	0.39%	0.63%
2077	0.08%	0.40%	0.29%	0.33%	0.09%	0.36%	0.59%	0.41%	0.43%	0.66%
2078	0.06%	0.35%	0.22%	0.28%	0.07%	0.28%	0.51%	0.35%	0.34%	0.55%
2079	0.05%	0.33%	0.20%	0.25%	0.05%	0.25%	0.47%	0.32%	0.32%	0.52%
2080	0.04%	0.30%	0.18%	0.24%	0.06%	0.27%	0.48%	0.31%	0.36%	0.51%
2081	0.03%	0.28%	0.15%	0.21%	0.04%	0.20%	0.40%	0.27%	0.27%	0.45%
2082	0.02%	0.26%	0.15%	0.20%	0.03%	0.19%	0.39%	0.26%	0.29%	0.44%
2083	0.02%	0.23%	0.11%	0.17%	0.02%	0.16%	0.34%	0.23%	0.23%	0.38%
2084	0.01%	0.21%	0.09%	0.15%	0.02%	0.14%	0.31%	0.21%	0.21%	0.35%
2085	0.01%	0.19%	0.08%	0.13%	0.01%	0.12%	0.28%	0.19%	0.19%	0.32%
2086	0.01%	0.17%	0.06%	0.12%	0.01%	0.10%	0.25%	0.17%	0.18%	0.29%
2087	0.00%	0.15%	0.06%	0.11%	0.01%	0.11%	0.25%	0.17%	0.22%	0.30%
2088	0.00%	0.13%	0.04%	0.09%	0.01%	0.07%	0.20%	0.13%	0.14%	0.23%
2089	0.00%	0.11%	0.03%	0.08%	0.00%	0.06%	0.17%	0.12%	0.13%	0.21%
2090	0.00%	0.09%	0.02%	0.07%	0.00%	0.05%	0.15%	0.10%	0.11%	0.18%
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%	0.01%	0.05%	0.00%	0.03%	0.12%	0.08%	0.10%	0.15%
2093	0.00%	0.05%	0.01%	0.04%	0.00%	0.03%	0.09%	0.07%	0.07%	0.12%
2094	0.00%	0.04%	0.01%	0.03%	0.00%	0.02%	0.08%	0.06%	0.07%	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%	0.03%	0.04%	0.06%
2098	0.00%	0.01%	0.00%	0.01%	0.00%	0.01%	0.03%	0.03%	0.03%	0.05%
2099	0.00%	0.01%	0.00%	0.01%	0.00%	0.00%	0.03%	0.02%	0.02%	0.04%
2100	0.00%	0.03%	0.00%	0.01%	0.00%	0.00%	0.02%	0.02%	0.02%	0.03%
2101	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.01%	0.01%	0.02%
2102	0.00%	0.00%	0.00%	0.01%	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%	0.01%	0.00%	0.00%	0.01%
2105	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%
2106	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	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%	0.01%
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 2017 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 - 2017 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)
<b>Percent of Remaining (O/S) Loss &amp; Expense Payments By Calendar Year</b>										
<b>Future Payments Based on 2017 Level - After Mortality</b>										
2018	5.15%	4.75%	3.65%	3.53%	5.76%	4.02%	3.52%	3.25%	2.96%	3.69%
2019	3.48%	4.09%	2.87%	2.49%	3.53%	2.01%	2.65%	2.25%	1.85%	2.50%
2020	3.65%	4.77%	2.92%	2.98%	3.71%	2.27%	2.89%	3.84%	2.96%	2.69%
2021	3.45%	4.56%	2.84%	2.98%	3.66%	2.20%	2.81%	3.64%	2.86%	2.63%
2022	3.49%	4.78%	3.15%	3.32%	3.59%	2.41%	3.17%	3.54%	3.02%	2.64%
2023	3.25%	4.27%	2.75%	2.92%	3.04%	2.17%	2.95%	3.57%	2.69%	2.39%
2024	4.21%	4.69%	3.46%	3.45%	3.23%	2.75%	3.70%	4.04%	3.39%	2.94%
2025	2.98%	3.92%	2.61%	2.84%	2.58%	2.11%	2.85%	3.20%	2.66%	2.61%
2026	2.87%	3.80%	2.55%	2.71%	2.42%	2.11%	2.80%	3.06%	2.59%	2.48%
2027	3.05%	4.10%	2.85%	3.15%	2.59%	2.36%	3.00%	3.18%	2.85%	2.67%
2028	2.73%	3.47%	2.43%	2.82%	2.15%	2.04%	2.66%	2.78%	2.43%	2.33%
2029	2.64%	3.35%	2.37%	2.87%	2.15%	2.03%	2.61%	2.67%	2.37%	2.36%
2030	2.54%	3.18%	2.41%	2.72%	2.11%	1.99%	2.53%	2.75%	2.29%	2.28%
2031	2.99%	3.50%	2.70%	3.00%	2.34%	2.54%	2.81%	2.97%	2.75%	2.70%
2032	2.58%	3.18%	2.53%	2.87%	2.17%	2.16%	2.56%	2.64%	2.38%	2.31%
2033	2.31%	2.76%	2.21%	2.57%	1.91%	1.92%	2.35%	2.45%	2.10%	2.16%
2034	2.24%	2.63%	2.15%	2.47%	1.86%	1.89%	2.29%	2.36%	2.03%	2.05%
2035	2.17%	2.52%	2.41%	2.41%	1.82%	1.88%	2.24%	2.28%	1.98%	2.01%
2036	2.10%	2.37%	2.34%	2.33%	1.77%	1.84%	2.18%	2.19%	1.92%	1.95%
2037	2.28%	2.55%	2.54%	2.65%	1.98%	2.07%	2.34%	2.29%	2.15%	2.17%
2038	2.38%	2.47%	2.33%	2.48%	1.95%	2.31%	2.34%	2.27%	2.24%	2.28%
2039	1.91%	2.01%	2.14%	2.12%	1.66%	1.76%	2.01%	1.96%	1.76%	1.86%
2040	1.84%	1.89%	2.07%	2.06%	1.62%	1.73%	1.95%	1.89%	1.70%	1.93%
2041	1.79%	1.79%	2.01%	2.05%	1.59%	1.72%	1.91%	1.83%	1.66%	1.94%
2042	1.89%	1.82%	2.11%	2.12%	1.71%	1.85%	1.95%	1.82%	1.79%	1.94%
2043	1.67%	1.55%	1.88%	1.85%	1.52%	1.65%	1.79%	1.70%	1.55%	1.79%
2044	1.61%	1.46%	1.82%	1.79%	1.61%	1.89%	1.74%	1.64%	1.87%	1.75%
2045	1.86%	1.57%	1.84%	1.97%	1.78%	2.08%	1.89%	1.74%	2.05%	2.04%
2046	1.49%	1.25%	1.69%	1.65%	1.53%	1.81%	1.63%	1.52%	1.76%	1.65%
2047	1.64%	1.32%	1.81%	1.82%	1.70%	2.00%	1.74%	1.58%	1.94%	1.78%
2048	1.38%	1.06%	1.57%	1.52%	1.46%	1.74%	1.53%	1.40%	1.65%	1.56%
2049	1.33%	0.97%	1.51%	1.49%	1.42%	1.70%	1.47%	1.35%	1.60%	1.56%
2050	1.28%	0.90%	1.45%	1.39%	1.39%	1.67%	1.43%	1.30%	1.55%	1.48%
2051	1.22%	0.81%	1.39%	1.32%	1.35%	1.62%	1.37%	1.24%	1.50%	1.43%
2052	1.53%	0.93%	1.49%	1.53%	1.60%	1.91%	1.55%	1.35%	1.77%	1.71%
2053	1.12%	0.66%	1.28%	1.23%	1.28%	1.55%	1.27%	1.14%	1.40%	1.39%
2054	1.06%	0.59%	1.22%	1.13%	1.23%	1.49%	1.22%	1.09%	1.35%	1.30%
2055	1.01%	0.53%	1.16%	1.07%	1.19%	1.45%	1.17%	1.04%	1.30%	1.25%
2056	0.96%	0.47%	1.11%	1.01%	1.16%	1.42%	1.12%	0.99%	1.25%	1.22%
2057	1.05%	0.47%	1.15%	1.11%	1.25%	1.52%	1.17%	1.02%	1.37%	1.32%
2058	0.86%	0.36%	1.00%	0.89%	1.07%	1.32%	1.02%	0.90%	1.15%	1.12%
2059	0.98%	0.37%	0.98%	0.92%	1.16%	1.45%	1.07%	0.94%	1.23%	1.28%
2060	0.76%	0.27%	0.90%	0.78%	0.99%	1.23%	0.92%	0.81%	1.05%	1.04%
2061	0.71%	0.23%	0.85%	0.75%	0.94%	1.18%	0.87%	0.76%	1.00%	1.03%
2062	0.75%	0.22%	0.85%	0.74%	0.98%	1.23%	0.86%	0.74%	1.06%	1.00%
2063	0.62%	0.16%	0.76%	0.62%	0.86%	1.08%	0.77%	0.67%	0.91%	0.91%
2064	0.57%	0.13%	0.71%	0.57%	0.82%	1.04%	0.72%	0.63%	0.86%	0.86%
2065	0.53%	0.11%	0.67%	0.55%	0.78%	0.99%	0.68%	0.59%	0.82%	0.85%
2066	0.59%	0.11%	0.64%	0.52%	0.82%	1.07%	0.69%	0.60%	0.85%	0.91%
2067	0.52%	0.08%	0.62%	0.49%	0.77%	0.99%	0.64%	0.54%	0.83%	0.81%

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 2017 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 - 2017 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)
<b>Percent of Remaining (O/S) Loss &amp; Expense Payments By Calendar Year</b>										
<b>Future Payments Based on 2017 Level - After Mortality</b>										
2068	0.40%	0.06%	0.54%	0.40%	0.65%	0.84%	0.54%	0.47%	0.68%	0.69%
2069	0.36%	0.04%	0.50%	0.37%	0.60%	0.79%	0.50%	0.43%	0.63%	0.68%
2070	0.32%	0.03%	0.47%	0.32%	0.56%	0.74%	0.45%	0.40%	0.59%	0.61%
2071	0.29%	0.02%	0.43%	0.29%	0.52%	0.69%	0.41%	0.36%	0.55%	0.57%
2072	0.29%	0.02%	0.41%	0.28%	0.52%	0.69%	0.39%	0.33%	0.57%	0.55%
2073	0.27%	0.01%	0.37%	0.25%	0.49%	0.68%	0.37%	0.32%	0.52%	0.59%
2074	0.19%	0.01%	0.33%	0.20%	0.40%	0.55%	0.30%	0.26%	0.43%	0.45%
2075	0.16%	0.01%	0.30%	0.18%	0.37%	0.50%	0.26%	0.23%	0.39%	0.41%
2076	0.13%	0.00%	0.27%	0.15%	0.33%	0.45%	0.23%	0.20%	0.35%	0.37%
2077	0.13%	0.00%	0.25%	0.15%	0.33%	0.45%	0.22%	0.18%	0.37%	0.39%
2078	0.09%	0.00%	0.21%	0.12%	0.26%	0.37%	0.17%	0.15%	0.28%	0.30%
2079	0.07%	0.00%	0.19%	0.10%	0.23%	0.32%	0.15%	0.13%	0.25%	0.27%
2080	0.08%	0.00%	0.17%	0.09%	0.22%	0.33%	0.14%	0.12%	0.25%	0.28%
2081	0.05%	0.00%	0.14%	0.08%	0.17%	0.25%	0.10%	0.09%	0.19%	0.22%
2082	0.04%	0.00%	0.12%	0.07%	0.16%	0.22%	0.09%	0.07%	0.19%	0.19%
2083	0.03%	0.00%	0.10%	0.05%	0.13%	0.18%	0.07%	0.06%	0.14%	0.16%
2084	0.02%	0.00%	0.09%	0.05%	0.11%	0.15%	0.06%	0.05%	0.12%	0.13%
2085	0.01%	0.00%	0.07%	0.04%	0.09%	0.12%	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%	0.08%	0.09%
2088	0.00%	0.00%	0.04%	0.02%	0.05%	0.06%	0.02%	0.01%	0.05%	0.06%
2089	0.01%	0.00%	0.03%	0.02%	0.04%	0.05%	0.01%	0.01%	0.04%	0.05%
2090	0.00%	0.00%	0.02%	0.01%	0.03%	0.04%	0.01%	0.01%	0.03%	0.03%
2091	0.00%	0.00%	0.05%	0.01%	0.02%	0.03%	0.01%	0.00%	0.02%	0.03%
2092	0.00%	0.00%	0.00%	0.04%	0.02%	0.02%	0.00%	0.00%	0.02%	0.02%
2093	0.00%	0.00%	0.00%	0.00%	0.04%	0.01%	0.00%	0.00%	0.01%	0.01%
2094	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	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%	0.00%	0.00%
2097	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
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 2017 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 - 2017 Level - After Consideration of Mortality

Claim Number							Annual	
Date of Birth							Basis	
Life Expectancy @ 12/31/17	36.32	33.85	15.00	4.80	9.34	27.28	Percent	
Sex	M	M	M	M	F	F	of Total	
	(2)	(3)	(4)	(5)	(6)	(7)	By Year	
	(8)	(9)						
Attained Age	<b>Incremental Payments By Claim By Year - 2017 Level - After Mortality (a)</b>							
22	122,752	172,496	57,964	34,943	153,264	127,493	668,913	3.25%
23	111,611	141,036	55,156	8,359	117,020	28,896	462,078	2.25%
24	116,155	144,932	206,149	134,630	106,954	80,727	789,546	3.84%
25	114,821	142,524	194,359	109,636	108,427	78,563	748,330	3.64%
26	113,478	140,588	184,419	89,106	101,527	99,386	728,504	3.54%
27	182,567	137,535	176,100	72,260	89,407	75,632	733,501	3.57%
28	180,350	174,278	195,491	68,431	102,618	110,542	831,708	4.04%
29	178,111	133,190	156,537	46,535	72,678	71,842	658,893	3.20%
30	175,849	131,667	148,931	37,148	65,628	70,586	629,810	3.06%
31	173,564	141,692	145,307	29,962	68,475	94,596	653,595	3.18%
32	171,254	127,246	131,321	23,098	52,637	66,857	572,414	2.78%
33	168,921	125,654	124,406	18,096	47,192	65,589	549,859	2.67%
34	166,566	123,204	115,962	14,025	41,935	104,028	565,719	2.75%
35	164,187	156,250	128,403	12,746	47,485	101,346	610,417	2.97%
36	161,785	119,502	102,512	8,300	34,208	116,683	542,989	2.64%
37	159,358	117,025	95,084	6,293	29,213	96,013	502,986	2.45%
38	156,907	114,934	88,687	4,743	25,740	93,361	484,371	2.36%
39	154,431	113,207	83,175	3,552	22,678	91,045	468,089	2.28%
40	151,932	110,706	76,721	2,626	19,786	88,091	449,861	2.19%
41	149,406	119,025	74,138	1,967	20,109	105,354	469,998	2.29%
42	146,853	137,590	78,227	1,652	19,137	83,161	466,619	2.27%
43	144,269	104,238	60,760	1,005	12,965	80,267	403,504	1.96%
44	141,654	102,043	55,942	713	11,167	77,681	389,199	1.89%
45	139,005	100,162	51,743	501	9,603	75,374	376,388	1.83%
46	136,319	97,585	47,024	345	8,426	85,521	375,219	1.82%
47	133,594	95,319	42,913	235	6,929	69,989	348,978	1.70%
48	130,828	93,339	39,314	157	5,865	67,690	337,193	1.64%
49	128,018	116,975	41,762	121	6,245	64,919	358,039	1.74%
50	125,161	88,354	31,908	66	4,085	62,403	311,977	1.52%
51	122,256	94,541	30,087	42	3,949	74,047	324,922	1.58%
52	119,301	83,557	25,638	25	2,775	57,411	288,707	1.40%
53	116,296	81,112	22,812	15	2,261	54,939	277,435	1.35%
54	113,239	78,900	20,339	9	1,832	52,675	266,995	1.30%
55	110,132	76,129	17,767	5	1,462	50,058	255,553	1.24%
56	106,973	94,905	18,351	3	1,514	56,178	277,924	1.35%
57	103,761	71,264	13,596	1	913	45,433	234,969	1.14%
58	100,498	68,430	11,640	1	707	42,918	224,193	1.09%
59	97,186	65,810	9,962	0	542	40,592	214,092	1.04%
60	93,826	63,379	8,518	0	411	38,436	204,570	0.99%
61	90,420	66,330	7,412	0	357	44,421	208,940	1.02%
62	86,968	57,820	5,925	0	225	33,816	184,754	0.90%
63	83,471	71,268	5,803	0	207	31,747	192,497	0.94%
64	79,930	52,403	3,977	0	115	29,498	165,923	0.81%
65	76,348	49,674	3,197	0	80	27,411	156,711	0.76%
66	72,728	47,097	2,553	0	56	30,009	152,443	0.74%
67	69,080	44,203	1,978	0	36	23,399	138,696	0.67%
68	65,414	41,478	1,519	0	23	21,483	129,917	0.63%
69	61,744	38,905	1,155	0	15	19,704	121,523	0.59%
70	58,081	46,558	1,003	0	11	17,856	123,510	0.60%
71	54,434	36,692	642	-	6	19,908	111,682	0.54%
Subtotals:	6,181,792	4,952,748	3,204,291	731,350	1,428,902	3,245,571	19,744,654	96.02%

Note: (a) Product of estimated payments (2017 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 - 2017 Level - After Consideration of Mortality

Claim Number	36.32	33.85	15.00	4.80	9.34	27.28		Percent
Date of Birth								of Total
Life Expectancy @ 12/31/17	36.32	33.85	15.00	4.80	9.34	27.28	Totals	By Year
Sex	M	M	M	M	F	F	(8)	(9)
	(2)	(3)	(4)	(5)	(6)	(7)		
<b>Incremental Payments By Claim By Year - 2017 Level - After Mortality (a)</b>								
Attained Age								
72	50,809	30,983	440	-	3	14,574	96,809	0.47%
73	47,213	28,341	301	-	2	12,974	88,830	0.43%
74	43,657	25,861	202	-	1	11,509	81,230	0.40%
75	40,153	23,528	132	-	0	10,167	73,980	0.36%
76	36,714	21,116	82	-	0	10,423	68,335	0.33%
77	33,358	24,340	58	-	0	7,642	65,398	0.32%
78	30,102	16,790	28	-	0	6,560	53,480	0.26%
79	26,964	14,707	15	-	0	5,526	47,213	0.23%
80	23,962	12,805	8	-	0	4,611	41,386	0.20%
81	21,109	12,134	4	-	0	4,688	37,936	0.18%
82	18,420	9,401	2	-	0	3,069	30,892	0.15%
83	15,909	7,912	1	-	0	2,437	26,259	0.13%
84	13,585	8,495	0	-	0	1,902	23,983	0.12%
85	11,460	5,375	0	-	-	1,440	18,275	0.09%
86	9,538	4,328	0	-	-	1,256	15,121	0.07%
87	7,823	3,436	0	-	-	767	12,025	0.06%
88	6,314	2,657	0	-	-	530	9,502	0.05%
89	5,009	2,019	0	-	-	354	7,381	0.04%
90	3,898	1,504	0	-	-	226	5,629	0.03%
91	2,971	1,504	-	-	-	169	4,644	0.02%
92	2,214	764	-	-	-	78	3,056	0.01%
93	1,609	523	-	-	-	42	2,175	0.01%
94	1,139	344	-	-	-	21	1,504	0.01%
95	782	219	-	-	-	9	1,011	0.00%
96	521	134	-	-	-	5	660	0.00%
97	335	78	-	-	-	1	415	0.00%
98	208	57	-	-	-	0	265	0.00%
99	124	23	-	-	-	0	147	0.00%
100	71	12	-	-	-	0	82	0.00%
101	40	6	-	-	-	0	47	0.00%
102	23	3	-	-	-	0	26	0.00%
103	13	1	-	-	-	0	14	0.00%
104	7	1	-	-	-	0	8	0.00%
105	4	0	-	-	-	0	5	0.00%
106	2	0	-	-	-	0	3	0.00%
107	1	0	-	-	-	0	1	0.00%
108	1	0	-	-	-	0	1	0.00%
109	0	0	-	-	-	0	0	0.00%
110	0	0	-	-	-	0	0	0.00%
111	0	0	-	-	-	0	0	0.00%
112	0	0	-	-	-	0	0	0.00%
113	0	0	-	-	-	0	0	0.00%
114	0	0	-	-	-	0	0	0.00%
115	0	0	-	-	-	0	0	0.00%
116	0	0	-	-	-	0	0	0.00%
117	0	0	-	-	-	0	0	0.00%
118	0	0	-	-	-	0	0	0.00%
119	0	0	-	-	-	0	0	0.00%
120	0	0	-	-	-	0	0	0.00%
121	-	-	-	-	-	-	-	0.00%
Subtotals:	456,063	259,403	1,273	-	6	100,980	817,726	3.98%
Totals All:	6,637,855	5,212,150	3,205,564	731,350	1,428,909	3,346,551	20,562,380	100.00%

Note: (a) Product of estimated payments (2017 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	36.32		33.85		15.00		4.80		9.34		27.28	
Date of Birth												
Life Expectancy @ 12/31/17	M		M		M		M		F		F	
Sex	-----		-----		-----		-----		-----		-----	
	(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 - 2017 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		Percent
Sex	M	M	M	M	F	F	Totals	of Total
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	By Year
								(9)

Attained Age Incremental Payments By Claim By Year - 2017 Level - Before Mortality - @ 12/31/17

Attained Age	36.32	33.85	15.00	4.80	9.34	27.28	Totals	Percent of Total
	(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 - 2017 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		
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Attained Age	Incremental Payments By Claim By Year - 2017 Level - Before Mortality - @ 12/31/17							
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)
<b>Incremental Payments By Major Expense Groups</b>									
Legal Expense	N/A	1,348,962	1,472,264	1,046,543	1,232,427	668,653	484,569	584,838	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
<b>Case Outstanding By Major Expense Groups</b>									
Legal Expense	1,659,638	2,385,144	836,323	660,811	228,321	88,453	168,803	-	-
Parental Award	589,640	605,992	353,242	603,806	515,023	812,964	558,710	552,204	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
<b>Percentage by Expense Group - Based on Incremental Payments</b>									
Legal Expense	10.75%	9.41%	11.34%	7.42%	7.94%	4.23%	2.95%	3.33%	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%
<b>Percentage by Expense Group - Based on Case Outstanding</b>									
Legal Expense	0.31%	0.40%	0.13%	0.10%	0.03%	0.01%	0.02%	0.00%	0.00%
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%
<b>Estimated Inflation By Component - Paid Basis</b>									
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
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%
<b>Estimated Inflation By Component - Outstanding Basis</b>									
Legal Expense (a)	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
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%
<b>Combined (i)</b>									
Estimated Inflation - Paid Basis	0.78%	1.00%	0.78%	0.57%	0.55%	0.40%	0.69%	0.59%	0.34%
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 2000	Accident Year 1/1 - 12/31 2001	Accident Year 1/1 - 12/31 2002	Accident Year 1/1 - 12/31 2003	Accident Year 1/1 - 12/31 2004	Accident Year 1/1 - 12/31 2005	Accident Year 1/1 - 12/31 2006	Accident Year 1/1 - 12/31 2007	Accident Year 1/1 - 12/31 2008	Accident Year 1/1 - 12/31 2009
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)

**Incremental Payments By Major Expense Groups**

Legal Expense	547,451	789,578	768,406	699,574	753,238	761,521	768,799	911,182	1,117,819	1,251,650
Parental Award	1,684,863	1,569,503	1,380,762	1,448,569	1,266,247	987,149	1,088,568	1,483,153	1,621,648	1,521,430
Medical Expense	324,050	361,786	316,867	379,945	477,673	486,436	414,019	438,949	502,243	584,938
Nursing Care - By Parents & Family Care	77,850	107,770	265,098	500,284	664,698	959,815	1,287,167	1,455,477	2,280,726	3,586,973
Nursing Care - By Others	1,661,676	1,774,150	1,570,635	1,664,923	1,767,678	2,126,820	2,368,333	2,187,588	2,022,477	2,072,130
Custodial	47,053	14,388	7,179	13,490	29,407	19,776	20,370	38,594	29,076	18,070
Other	406,846	640,781	809,365	834,009	1,296,472	1,401,403	1,083,585	1,177,848	1,338,828	1,317,625
<b>Totals:</b>	<b>4,749,789</b>	<b>5,257,955</b>	<b>5,118,312</b>	<b>5,540,794</b>	<b>6,255,412</b>	<b>6,742,920</b>	<b>7,030,842</b>	<b>7,692,791</b>	<b>8,912,818</b>	<b>10,352,817</b>

**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
<b>Totals:</b>									<b>426,154,933</b>	<b>455,382,663</b>

**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%

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	Model Portfolio	Conservative Model Portfolio	Annual NICA Return on Investment	Medical v 5 Yr Avg CPI (4) - (5)	Model v 5 Yr Avg CPI (13) - (5)	Model v CPI (13) - (3)	Conservative Model v CPI (14) - (3)	NICA v CPI (15) - (3)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1986	110.50	1.10%	7.71%	3.29%	18.67%	6.85%	24.53%	15.14%	6.16%	9.02%		14.49%	16.68%		4.41%	11.20%	13.39%	15.58%	
1987	115.40	4.43%	5.80%	3.41%	5.25%	-9.30%	-2.71%	2.90%	5.47%	9.38%		6.27%	-0.38%		2.39%	2.85%	1.83%	-4.81%	
1988	120.50	4.42%	6.91%	3.54%	16.61%	9.67%	6.10%	6.35%	9.71%	9.71%		12.02%	11.96%		3.37%	8.48%	7.60%	7.54%	
1989	126.10	4.65%	8.50%	3.68%	31.69%	10.18%	18.11%	13.29%	8.37%	9.26%		19.93%	17.17%		4.82%	16.25%	15.29%	12.52%	
1990	133.80	6.11%	9.59%	4.14%	-3.10%	-21.56%	6.18%	9.73%	7.82%	9.32%		3.94%	0.85%		5.44%	-0.20%	-2.17%	-5.26%	
1991	137.90	3.06%	7.92%	4.53%	30.47%	44.63%	19.30%	15.46%	5.59%	8.77%		19.66%	23.85%	5.88%	3.39%	15.12%	16.59%	20.79%	2.82%
1992	141.90	2.90%	6.63%	4.23%	7.62%	23.35%	8.05%	7.19%	3.51%	8.14%		7.72%	10.17%	3.27%	2.40%	3.49%	4.82%	7.27%	0.37%
1993	145.80	2.75%	5.39%	3.89%	10.08%	20.98%	18.24%	11.24%	2.90%	7.22%		9.28%	14.42%	3.12%	1.50%	5.39%	6.53%	11.68%	0.37%
1994	149.70	2.67%	4.92%	3.50%	1.32%	3.11%	-7.77%	-5.14%	3.91%	7.96%		2.42%	-2.90%	3.62%	1.42%	-1.08%	-0.26%	-5.58%	0.95%
1995	153.50	2.54%	3.95%	2.79%	37.58%	34.46%	31.67%	16.80%	5.60%	7.59%		22.63%	27.43%	6.96%	1.16%	19.84%	20.09%	24.89%	4.42%
1996	158.60	3.32%	3.04%	2.84%	22.96%	17.62%	-0.93%	2.10%	5.21%	7.37%		13.18%	7.71%	5.79%	0.20%	10.34%	9.85%	4.39%	2.47%
1997	161.30	1.70%	2.82%	2.60%	33.36%	22.78%	15.85%	8.38%	5.26%	7.26%		7.41%	18.97%	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%	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%	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%
2001	176.70	1.55%	4.72%	2.19%	-11.89%	22.77%	3.70%	7.62%	3.83%	7.98%		7.61%	-1.16%	5.49%	3.98%	2.53%	-3.35%	-2.71%	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%	-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%	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%	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%	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%	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%	8.72%	2.13%	3.39%	2.34%	2.18%	4.64%
2008	210.23	0.09%	2.68%	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%	-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%
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%
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%
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%
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%
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%
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%	-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%	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%	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%				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%	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%	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%	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%	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%		0.84%	1.43%	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%		8.08%	8.89%		-0.56%	6.25%	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%
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%
2010 - 2017	0.74%		0.35%	10.06%	14.73%	10.06%	0.58%	0.42%	0.36%	0.47%		0.54%	4.41%	4.14%	6.10%	0.42%	4.06%	3.67%	3.40%
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%

Column  
 (2)-(11),(14)  
 (3)  
 (13)  
 Provided by Client  
 [Col (2) / Prior Col (2)] - 1  
 [44% Col (6)] + [20% Col (9)] + [36% Col (11)]

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	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)	(19)	(20)
1926	17.70				11.62%	0.30%	7.77%	5.39%	3.30%	4.73%		7.89%	6.20%						
1927	17.30	-2.26%			37.49%	22.03%	8.93%	4.52%	3.10%	4.57%		19.04%	14.61%						
1928	17.10	-1.16%			43.61%	39.71%	0.10%	0.92%	3.57%	4.55%		21.01%	15.07%				21.30%	16.87%	
1929	17.20	0.58%			-8.42%	-51.35%	3.42%	6.01%	4.71%	4.73%		-0.80%	-7.40%				-1.39%	-7.98%	
1930	16.10	-6.40%			-24.90%	-38.10%	4.66%	6.71%	2.42%	4.55%		-7.98%	-7.49%				-1.58%	-1.10%	
1931	14.60	-9.32%		-3.71%	-43.34%	-49.71%	-5.31%	-2.32%	1.10%	4.58%		-17.89%	-18.52%			-14.18%	-8.57%	-9.20%	
1932	13.10	-10.27%		-5.31%	-8.19%	-5.41%	16.84%	8.81%	0.92%	5.01%		-0.04%	5.36%			5.27%	10.23%	15.63%	
1933	13.20	0.76%		-4.93%	53.99%	142.45%	-0.07%	1.83%	0.33%	4.49%		25.74%	34.92%			30.67%	24.97%	34.16%	
1934	13.40	1.52%		-4.74%	-1.44%	24.24%	10.03%	9.00%	0.17%	4.00%		2.61%	9.71%			7.35%	1.09%	8.19%	
1935	13.80	2.99%		-2.87%	47.67%	40.24%	4.98%	7.01%	0.16%	3.60%		23.67%	18.99%			26.54%	20.69%	16.00%	
1936	14.00	1.45%		-0.71%	33.92%	64.73%	7.52%	3.06%	0.16%	3.24%		16.70%	20.45%			17.41%	15.25%	19.00%	
1937	14.40	2.86%	0.98%	1.91%	-35.03%	-58.01%	0.23%	1.56%	0.33%	3.26%		-13.93%	-15.73%			-15.84%	-16.78%	-18.59%	
1938	14.00	-2.78%	0.00%	1.21%	31.12%	32.82%	5.53%	6.23%	0.00%	3.19%		16.09%	14.72%		-0.93%	-1.21%	14.88%	18.87%	17.50%
1939	14.00	0.00%	0.97%	0.90%	-0.41%	0.32%	5.94%	4.52%	0.00%	3.01%		1.81%	3.12%		0.07%	0.90%	1.81%	3.12%	
1940	14.10	0.71%	0.00%	0.45%	-9.78%	-5.14%	6.09%	2.96%	0.00%	2.84%		-2.69%	0.10%		-0.45%	-3.14%	-3.40%	-0.61%	
1941	15.50	9.93%	0.96%	2.14%	-11.59%	-9.06%	0.93%	0.50%	0.08%	2.77%		-4.00%	-3.18%		-1.18%	-6.15%	-13.93%	-13.11%	
1942	16.90	9.03%	3.81%	3.38%	20.34%	44.59%	3.22%	1.94%	0.25%	2.83%		10.35%	12.92%		0.43%	6.98%	1.32%	3.89%	
1943	17.40	2.96%	4.59%	4.53%	25.90%	88.40%	2.09%	2.81%	0.33%	2.73%		12.94%	21.49%		0.06%	8.41%	9.98%	18.53%	
1944	17.80	2.30%	2.63%	4.99%	19.75%	53.70%	2.81%	1.80%	0.33%	2.72%		10.03%	14.25%		-2.36%	5.04%	7.73%	11.95%	
1945	18.20	2.25%	2.56%	5.29%	36.44%	73.62%	10.73%	2.22%	0.32%	2.62%		17.42%	23.16%		-2.73%	12.13%	15.17%	20.91%	
1946	21.50	18.13%	8.33%	6.93%	-8.07%	-11.63%	-0.10%	1.00%	0.40%	2.53%		-2.44%	-3.16%		1.40%	-2.57%	-20.57%	-21.29%	
1947	23.40	8.84%	6.92%	6.89%	5.71%	0.91%	-2.62%	0.91%	0.48%	2.61%		3.63%	0.67%		0.03%	-3.26%	-5.20%	-8.17%	
1948	24.10	2.99%	5.76%	6.90%	5.50%	-2.10%	3.40%	1.85%	0.80%	2.82%		3.80%	2.21%		-1.15%	-3.10%	0.81%	-0.78%	
1949	23.60	-2.07%	1.36%	6.03%	18.79%	19.74%	6.45%	2.32%	1.11%	2.66%		9.69%	9.43%		-4.67%	3.66%	11.76%	11.50%	
1950	25.00	5.93%	3.36%	6.76%	31.71%	38.74%	0.06%	0.70%	1.18%	2.62%		15.04%	12.62%		-3.41%	8.27%	9.10%	6.68%	
1951	26.50	6.00%	5.84%	4.34%	24.02%	7.81%	-3.93%	0.36%	1.48%	2.86%		11.67%	4.57%		1.51%	7.33%	5.67%	-1.43%	
1952	26.70	0.75%	4.29%	2.72%	18.37%	3.03%	1.16%	1.63%	1.68%	2.96%		9.47%	4.67%		1.57%	6.75%	8.72%	3.91%	
1953	26.90	0.75%	3.53%	2.27%	-0.99%	-6.48%	3.64%	3.23%	1.81%	3.20%		1.36%	0.84%		1.26%	-0.91%	0.61%	0.10%	
1954	26.70	-0.74%	2.27%	2.54%	52.62%	60.58%	7.19%	2.68%	0.89%	2.90%		24.73%	22.82%		-0.27%	22.19%	25.48%	23.56%	
1955	26.80	0.37%	3.33%	1.43%	31.56%	20.44%	-1.29%	-0.65%	1.54%	3.05%		14.86%	8.60%		1.91%	13.43%	14.48%	8.22%	
1956	27.60	2.99%	3.23%	0.82%	6.56%	4.28%	-5.59%	-0.42%	2.45%	3.36%		4.01%	0.22%		2.40%	3.19%	1.03%	-2.77%	
1957	28.40	2.90%	4.69%	1.25%	-10.78%	-14.57%	7.46%	7.84%	3.17%	3.89%		-1.78%	0.31%		3.43%	-3.03%	-4.68%	-2.59%	
1958	28.90	1.76%	4.48%	1.46%	43.36%	64.89%	-6.09%	-1.29%	1.50%	3.79%		20.18%	16.80%		3.02%	18.73%	18.42%	15.04%	
1959	29.40	1.73%	3.81%	1.95%	11.96%	16.40%	-2.26%	-0.39%	2.96%	4.38%		6.76%	4.32%		1.86%	4.81%	5.03%	2.59%	
1960	29.80	1.36%	3.21%	2.15%	0.47%	-3.29%	13.78%	11.76%	2.68%	4.41%		4.15%	7.30%		1.06%	2.00%	2.79%	5.94%	
1961	30.00	0.67%	3.11%	1.68%	26.89%	32.09%	0.97%	1.85%	2.10%	4.35%		13.77%	11.27%		1.43%	12.08%	13.10%	10.60%	
1962	30.40	1.33%	2.16%	1.37%	-8.73%	-11.90%	6.89%	5.56%	2.74%	4.33%		-1.17%	0.26%		0.78%	-2.54%	-2.51%	-1.07%	
1963	30.90	1.64%	2.53%	1.35%	22.80%	23.57%	1.21%	1.64%	3.16%	4.26%		11.89%	9.13%		1.18%	10.55%	10.25%	7.48%	
1964	31.20	0.97%	2.06%	1.20%	16.48%	23.52%	3.51%	4.04%	3.53%	4.41%		9.65%	9.44%		0.86%	8.45%	8.67%	8.47%	
1965	31.80	1.92%	2.82%	1.31%	12.45%	41.75%	0.71%	1.02%	3.92%	4.49%		7.30%	10.20%		1.51%	5.99%	5.38%	8.28%	
1966	32.90	3.46%	6.67%	1.87%	-10.06%	-7.01%	3.65%	4.69%	4.76%	5.13%		-1.64%	-0.25%		4.80%	-3.51%	-5.10%	-3.71%	
1967	33.90	3.04%	6.25%	2.21%	23.98%	83.57%	-9.18%	1.01%	4.23%	5.51%		12.74%	16.58%		4.04%	10.53%	9.70%	13.54%	
1968	35.50	4.72%	6.23%	2.82%	11.06%	35.97%	-0.26%	4.54%	5.21%	6.18%		8.00%	9.77%		3.41%	5.17%	3.28%	5.05%	
1969	37.70	6.20%	3.87%	3.87%	-8.50%	-25.05%	-5.07%	-0.74%	6.57%	7.03%		-1.36%	-7.29%		2.32%	-5.23%	-7.55%	-13.48%	
1970	39.80	5.57%	7.36%	4.60%	3.86%	-17.43%	12.11%	16.86%	6.52%	8.04%		7.96%	6.64%		2.76%	3.37%	2.39%	1.07%	
1971	41.10	3.27%	4.57%	4.56%	14.30%	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%	5.69%	5.69%	5.16%	3.82%	7.21%		11.98%	7.54%		-1.35%	7.35%	8.58%	4.14%	
1973	46.20	8.71%	5.29%	5.43%	-14.69%	-30.90%	-1.11%	4.61%	6.92%	7.44%		-2.86%	-6.58%		-0.14%	-8.29%	-11.57%	-15.29%	
1974	51.90	12.34%	12.56%	6.66%	-26.47%	-19.95%	4.35%	5.69%	8.03%	8.57%		-7.43%	-4.71%		5.91%	-14.08%	-19.76%	-17.05%	
1975	55.50	6.94%	9.82%	6.93%	37.23%	52.82%	9.20%	7.83%	5.79%	8.83%		21.12%	21.16%		2.89%	14.19%	14.19%	14.22%	
1976	58.20	4.86%	9.96%	7.25%	23.93%	57.38%	16.75%	12.87%	5.06%	8.43%		16.14%	23.37%		2.71%	8.89%	11.27%	18.50%	
1977	62.10	6.70%	8.87%	7.91%	-7.16%	25.38%	-0.69%	1.41%	5.12%	8.02%		0.02%	3.66%		0.96%	-7.89%	-6.68%	-3.04%	
1978	67.70	9.02%	8.83%	7.97%	6.57%	23.46%	-1.18%	3.49%	7.19%	8.73%		6.73%	6.31%		0.86%	-1.24%	-2.29%	-2.71%	
1979	76.70	13.29%	10.14%	8.16%	18.61%	43.46%	-1.23%	4.09%	10.37%	9.63%		12.47%	12.24%		1.98%	4.31%	-0.82%	-1.06%	
1980	86.30	12.52%	9.92%	9.28%	32.50%	39.88%	-3.95%	3.91%	11.24%	11.94%		19.38%	13.22%		0.64%	10.10%	6.86%	0.70%	
1981	94.00	8.92%	12.50%	10.09%	-4.92%	13.88%	1.86%	9.45%	14.70%	14.17%		4.83%	5.70%		2.41%	-5.26%	-4.10%	-3.23%	
1982	97.60	3.83%	11.00%	9.52%	21.55%	28.01%	40.36%	29.10%	10.54%	13.79%		20.27%	30.04%		1.48%	10.75%	16.44%	26.21%	
1983	101.30	3.79%	6.40%	8.47%	22.56%	39.67%	0.65%	7.41%	8.81%	12.04%		15.74%	13.75%		-2.07%	7.27%	11.95%	9.96%	
1984	105.30	3.95%	6.11%	6.60%	6.27%	-6.67%	15.48%	14.02%	9.85%	12.71%		10.14%	9.27%		-0.49%	3.54%	6.19%	5.32%	
1985	109.30	3.80%	6.76%	4.86%	31.73%	24.66%	30.97%	20.33%	7.72%	11.37%		22.12%	25.64%		1.91%	17.26%	18.32%	21.85%	

Development of Incurred Loss Tail Factor - 348 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 48:60, 60:72, and 72:84 Month Factors (a)

Fitted Interval	Wtd. Avg. All Years Beginning with Factor 60:72			Indicated Tail Factor 348:Ult. Based on Fitted Values Beginning with 48:60 Factor	Indicated Tail Factor 348:Ult. Based on Fitted Values Beginning with 72:84 Factor
	Intercept Ln (a)	Slope b	Indicated Tail Factor 348:Ult.		
(1)	(2)	(3)	(4)	(5)	(6)
First 11 Factors	2.0537	2.8136	1.0060	1.0147	1.0059
First 10 Factors	0.6913	2.1738	1.0159	1.0041	1.0126
First 9 Factors	2.9190	3.2346	1.0031	1.0027	1.0536
First 8 Factors	3.7709	3.6462	1.0017	1.0003	1.0083
First 7 Factors	8.2679	5.8541	1.0001	1.0008	1.0047
First 6 Factors	6.7549	5.0985	1.0002	1.0312	1.0001
First 5 Factors	0.9567	2.1492	1.0227	1.0180	1.0003
Average of All			1.0071	1.0103	1.0122
Selected Tail Factor 348:Ult.			1.1050		

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 - 348 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 60:72

Maturity ----- (1)	T Value ----- (2)	Incremental Development Factor (a) ----- (3)	Dev. Factor Minus 1.0 D Fact - 1 (3) - 1.0 ----- (4)	X Value Ln(1/t) Log (1/ Col.(2)) ----- (5)	Y Value Ln (Fact-1) Log (Col. (4)) ----- (6)	Fitted Value Ln (Fact-1) Y = Col. (6) X = Col. (5) ----- (7)	Fitted Value Exp (Col. (7)) ----- (8)	Fitted Loss Dev. Factor 1.0 + Col. (8) ----- (9)
60	6	1.10462	0.1046	-1.7918	-2.2574	-3.2038	0.0406	1.0406
72	7	1.01735	0.0174	-1.9459	-4.0541	-3.5389	0.0290	1.0290
84	8	1.02341	0.0234	-2.0794	-3.7547	-3.8291	0.0217	1.0217
96	9	1.02915	0.0291	-2.1972	-3.5354	-4.0852	0.0168	1.0168
108	10	1.02263	0.0226	-2.3026	-3.7884	-4.3142	0.0134	1.0134
120	11	1.00100	0.0010	-2.3979	-6.9078	-4.5214	0.0109	1.0109
132	12	1.00110	0.0011	-2.4849	-6.8084	-4.7106	0.0090	1.0090
144	13	1.03017	0.0302	-2.5649	-3.5008	-4.8846	0.0076	1.0076
156	14	1.00598	0.0060	-2.6391	-5.1190	-5.0457	0.0064	1.0064
168	15	1.02724	0.0272	-2.7081	-3.6031	-5.1956	0.0055	1.0055
						(10) Ln a - Intercept =====>	0.6913	
						(11) a =====>	1.9962	
						(12) b - Slope =====>	2.1738	
						(13) Indicated Tail 348 to Ultimate =====>	1.0159	
						(14) Selected Tail 348 to Ultimate =====>	1.1050	

Note: (a) Based on inverse power curve fit to the incurred loss development (weighted average all years) factors as shown on Exhibit VII, Sheets 2a, 2b and 2c - 60:72 to 168:180.

Development of Incurred Loss Tail Factor - 348 Months to Ultimate  
Based on Inverse Power Curve Fit to Factors Shown in Appendix C, Exhibit II, Sheet 1  
Extrapolated to 612 Months - Based on Approximate Life Expectancy at Age 29 (348 months)

Maturity	T Value	X Value		Fitted Value Exp (Col. (4))	Fitted Loss	Fitted Loss Dev. Factor Cumulative Product of Col. (6)
		Ln(1/t) Log (1/ Col.(2))	Fitted Value (a) Ln (Fact-1)		Dev. Factor (Incremental) 1.0 + Col. (5)	
-----	-----	-----	-----	-----	-----	-----
(1)	(2)	(3)	(4)	(5)	(6)	(7)
348	30	-3.40120	-6.7024	0.0012	1.0012	1.0159
360	31	-3.43399	-6.7737	0.0011	1.0011	1.0146
372	32	-3.46574	-6.8427	0.0011	1.0011	1.0134
384	33	-3.49651	-6.9096	0.0010	1.0010	1.0124
396	34	-3.52636	-6.9745	0.0009	1.0009	1.0114
408	35	-3.55535	-7.0375	0.0009	1.0009	1.0104
420	36	-3.58352	-7.0988	0.0008	1.0008	1.0095
432	37	-3.61092	-7.1583	0.0008	1.0008	1.0087
444	38	-3.63759	-7.2163	0.0007	1.0007	1.0079
456	39	-3.66356	-7.2728	0.0007	1.0007	1.0072
468	40	-3.68888	-7.3278	0.0007	1.0007	1.0065
480	41	-3.71357	-7.3815	0.0006	1.0006	1.0058
492	42	-3.73767	-7.4339	0.0006	1.0006	1.0052
504	43	-3.76120	-7.4850	0.0006	1.0006	1.0046
516	44	-3.78419	-7.5350	0.0005	1.0005	1.0040
528	45	-3.80666	-7.5839	0.0005	1.0005	1.0035
540	46	-3.82864	-7.6316	0.0005	1.0005	1.0030
552	47	-3.85015	-7.6784	0.0005	1.0005	1.0025
564	48	-3.87120	-7.7242	0.0004	1.0004	1.0020
576	49	-3.89182	-7.7690	0.0004	1.0004	1.0016
588	50	-3.91202	-7.8129	0.0004	1.0004	1.0012
600	51	-3.93183	-7.8559	0.0004	1.0004	1.0008
612	52	-3.95124	-7.8982	0.0004	1.0004	1.0004

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

Paid Loss & ALAE

Birth Year	@ 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)	@ 3/31/17 (b)	@ 6/30/17 (b)	@ 9/30/17 (b)	@ 12/31/17 (b)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
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	14,013,192	14,086,062	14,198,165	14,267,027
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	5,873,293	5,923,991	5,968,765	6,017,106
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	8,290,185	8,428,886	8,551,590	8,706,421
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	13,869,782	14,126,715	14,364,124	14,588,741
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	18,776,946	18,993,427	19,165,960	19,373,096
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	7,007,711	7,066,615	7,119,684	7,192,264
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	9,581,754	9,778,195	9,899,162	10,038,156
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	8,806,408	8,914,603	9,016,725	9,129,668
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	11,586,005	11,718,457	11,840,975	11,977,563
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	18,758,911	19,113,636	19,417,277	19,760,086
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	11,579,096	11,712,592	11,830,472	11,901,286
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	5,622,426	5,705,657	5,772,046	5,837,741
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	6,990,903	7,100,114	7,206,124	7,320,379
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	14,431,569	14,670,678	14,881,649	15,119,824
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	4,066,121	4,145,102	4,265,257	4,352,130
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	4,555,155	4,622,723	4,704,284	4,770,134
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	6,699,890	6,817,432	6,963,753	7,095,668
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	7,753,148	7,964,076	8,128,263	8,325,390
2007	909,414	2,145,757	3,232,481	4,101,955	5,212,346	6,071,909	7,004,826	7,953,448	8,142,986	8,412,808	8,604,896	8,849,635
2008	287,894	916,649	1,407,917	2,014,976	2,355,509	2,934,059	3,572,068	4,287,731	4,433,732	4,626,059	4,833,485	5,061,580
2009	114,839	628,299	1,532,304	2,438,709	3,142,736	3,691,740	4,230,225	5,156,527	6,015,672	6,167,888	6,302,051	6,451,376
2010		116,166	895,231	1,203,035	1,818,188	2,065,585	2,245,502	2,456,858	2,539,063	2,584,353	2,629,735	2,674,347
2011			11,245	178,666	877,041	1,559,805	2,333,485	3,117,907	3,247,958	3,443,977	3,619,059	3,794,991
2012				16,611	97,446	898,196	1,645,365	2,061,021	2,146,099	2,210,475	2,265,396	2,323,849
2013					114,394	873,399	1,747,648	2,424,840	2,668,631	2,891,793	3,006,709	3,154,345
2014						116,952	652,037	1,765,040	1,952,639	2,140,983	2,484,284	2,940,791
2015							0	365,465	524,000	747,093	1,024,274	1,346,365
2016								10,326	366,072	381,409	384,308	390,803
2017									0	0	313	5,229
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	196,854,885	200,095,715	203,034,708	206,135,268
2010 & Prior		102,953,368	117,272,447	130,065,693	151,909,425	169,499,532	182,393,308	195,456,871	199,393,948	202,680,068	205,664,443	208,809,616
2011 & Prior			117,283,692	130,244,359	152,786,466	171,059,337	184,726,793	198,574,778	202,641,906	206,124,044	209,283,503	212,604,607
2012 & Prior				130,260,969	152,883,912	171,957,533	186,372,157	200,635,799	204,788,006	208,334,519	211,548,899	214,928,456
2013 & Prior					152,998,305	172,830,932	188,119,805	203,060,639	207,456,636	211,226,313	214,555,608	218,082,801
2014 & Prior						172,947,884	188,771,842	204,825,679	209,409,275	213,367,295	217,039,892	221,023,592
2015 & Prior							188,771,842	205,191,144	209,933,276	214,114,388	218,064,166	222,369,957
2016 & Prior								205,201,470	210,299,348	214,495,797	218,448,473	222,760,760
2017 & Prior									210,299,348	214,495,797	218,448,786	222,765,989

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)	@ 3/31/17 (b)	@ 6/30/17 (b)	@ 9/30/17 (b)	@ 12/31/17 (b)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
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	25,619,693	25,619,693	25,619,693	25,441,183
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	10,001,352	10,001,352	10,001,352	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	28,295,975	28,295,975	28,295,975	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	51,251,238	51,251,238	51,251,238	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	44,961,933	44,961,933	44,961,933	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	20,345,302	20,345,302	20,345,302	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	31,573,999	31,573,999	31,573,999	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	30,869,583	30,869,583	30,869,583	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	39,991,705	39,991,705	39,991,705	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	72,553,125	72,553,125	69,740,755	67,690,266
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	26,163,354	26,163,354	24,608,144	26,469,569
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	19,745,527	19,745,527	19,745,527	21,260,799
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	28,764,655	28,764,655	28,764,655	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	70,484,299	70,484,599	70,484,599	69,075,832
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	15,565,872	15,565,872	15,565,872	18,044,410
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	26,362,444	26,362,444	26,362,444	27,934,816
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	32,910,406	32,910,406	32,910,406	32,289,079
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	53,254,184	48,482,512	48,482,512	48,406,081
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	39,771,100	39,753,175	39,738,198	38,318,675
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	52,603,605	52,603,605	52,603,605	52,483,297
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	53,556,687	56,111,927	56,171,927	58,470,612
2010		367,288	11,709,849	23,432,658	28,572,781	27,241,537	27,631,375	26,491,003	26,491,251	26,506,301	26,506,301	28,170,398
2011			8,025,000	18,092,817	27,966,715	38,554,067	47,898,365	46,663,004	46,639,137	46,636,879	46,636,879	47,391,514
2012				12,090,000	20,346,124	28,272,096	31,340,190	24,080,908	24,741,181	24,692,125	24,714,250	28,663,775
2013					8,415,555	14,108,083	24,160,711	27,946,444	26,263,442	29,703,027	27,533,027	30,675,106
2014						6,459,800	22,999,374	37,678,801	39,230,317	38,514,613	38,780,474	39,204,196
2015								0	18,702,803	13,339,879	14,257,500	25,471,753
2016								2,984,445	482,346	441,490	2,052,048	3,189,395
2017									0	0	2,640,000	220,615
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	774,646,043	772,411,985	768,089,427	773,452,725
2010 & Prior		675,575,300	733,523,879	824,647,277	819,040,972	799,854,146	804,715,198	808,753,421	801,137,294	798,918,286	794,595,728	801,623,124
2011 & Prior			741,548,879	842,740,094	847,007,687	838,408,213	852,613,563	855,416,424	847,776,430	845,555,165	841,232,607	849,014,638
2012 & Prior				854,830,094	867,353,811	866,680,309	883,953,753	879,497,332	872,517,611	870,247,290	865,946,857	877,678,413
2013 & Prior					875,769,366	880,788,392	908,114,464	907,443,776	898,781,053	899,950,316	893,479,883	908,353,519
2014 & Prior						887,248,192	931,113,838	945,122,577	938,011,370	938,464,929	932,260,357	947,557,715
2015 & Prior							931,113,838	963,825,379	951,351,249	952,732,429	957,732,110	972,867,205
2016 & Prior								966,809,825	951,833,595	953,163,919	959,784,158	976,056,601
2017 & Prior									951,833,595	953,163,919	962,424,158	976,277,215

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)	@ 3/31/17 (b)	@ 6/30/17 (b)	@ 9/30/17 (b)	@ 12/31/17 (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	22,330,353	22,354,382	22,337,474	22,247,493
1990	N/A	11,614,027	11,477,027	11,641,938	10,246,976	9,999,835	9,939,137	9,834,515	8,656,238	8,652,920	8,643,202	10,241,714
1991	N/A	21,846,966	23,599,488	25,562,294	22,304,544	22,311,410	22,422,995	22,327,764	22,165,376	22,182,664	22,170,415	21,603,024
1992	N/A	45,007,814	45,510,337	49,648,408	43,814,483	44,193,315	42,324,758	41,873,921	41,289,230	41,284,110	41,229,682	41,648,941
1993	N/A	46,399,495	42,090,226	45,388,953	39,587,735	39,534,688	39,694,225	39,036,364	38,514,100	38,527,660	38,499,819	37,954,191
1994	N/A	17,704,344	19,509,699	20,997,772	19,372,951	18,678,491	18,851,442	18,217,559	17,326,553	17,619,642	17,597,560	17,763,746
1995	N/A	29,612,489	27,858,448	26,170,052	26,818,973	25,772,539	26,087,912	25,662,899	25,527,475	25,528,147	25,493,124	26,306,261
1996	N/A	34,616,867	25,704,748	27,833,390	26,231,269	25,801,313	24,493,693	24,589,056	25,633,070	25,655,201	25,619,799	24,969,372
1997	N/A	46,595,341	43,560,423	40,798,018	40,407,001	36,376,739	34,536,923	34,325,245	32,833,451	32,986,822	32,923,268	32,694,782
1998	N/A	66,412,941	63,607,918	63,521,734	61,517,550	63,630,834	63,226,390	60,905,055	59,548,495	59,802,409	57,494,197	55,860,280
1999	N/A	35,941,607	31,549,054	29,830,188	28,407,824	24,714,807	24,390,834	23,409,402	22,705,432	22,748,791	21,474,592	23,002,739
2000	N/A	26,019,849	21,007,662	22,396,391	18,726,468	17,876,978	17,216,907	17,027,251	16,918,447	16,877,558	16,885,896	18,099,943
2001	N/A	30,143,811	27,629,667	28,951,546	26,397,525	24,055,468	24,549,828	24,792,104	24,623,379	24,623,174	24,529,083	24,719,308
2002	N/A	81,623,942	89,912,951	84,119,393	77,166,072	71,583,645	67,160,964	62,125,579	61,017,056	61,015,210	60,767,324	59,580,427
2003	N/A	19,765,701	20,411,699	18,732,576	16,820,632	15,371,140	14,491,272	14,022,907	13,891,589	13,918,038	13,875,408	15,763,511
2004	N/A	34,906,670	33,509,530	28,899,731	28,835,840	26,266,333	25,078,722	23,496,241	24,031,889	24,074,457	23,968,738	26,097,578
2005	N/A	73,254,683	67,946,105	58,507,245	46,987,970	38,008,212	34,625,670	33,578,652	32,713,658	32,757,604	32,585,062	32,030,326
2006	N/A	59,312,524	66,536,687	58,405,872	57,971,240	58,221,693	57,273,917	55,106,696	52,578,691	48,140,298	47,903,199	49,374,895
2007	N/A	59,153,178	67,620,964	58,470,417	56,101,360	52,163,570	47,452,521	46,361,933	42,251,524	41,934,536	41,709,831	40,252,269
2008	N/A	66,478,546	79,164,976	68,213,720	68,761,560	64,432,055	66,360,989	58,916,171	56,013,428	57,702,475	57,324,622	57,179,737
2009	N/A	70,036,100	82,639,361	74,221,132	73,702,410	61,645,728	59,938,541	60,751,883	61,591,986	64,031,403	63,545,935	65,746,467
2010		64,978,389	69,884,924	64,673,667	56,447,824	43,747,351	35,510,801	32,471,443	31,974,954	31,741,910	31,328,208	32,871,068
2011			72,891,940	71,306,452	65,671,795	65,087,844	67,347,302	60,514,485	59,281,081	58,835,996	57,836,183	58,807,873
2012				81,217,094	76,746,568	67,114,423	57,809,164	43,294,886	36,390,673	33,760,851	33,036,604	39,903,132
2013					76,400,906	62,357,107	60,846,197	54,240,114	49,638,843	54,445,474	49,311,101	51,458,790
2014						69,737,636	80,346,694	84,954,480	76,585,024	72,593,404	69,749,315	68,887,830
2015							61,923,125	75,914,747	65,756,772	60,604,353	68,305,316	63,520,691
2016								69,229,336	64,517,821	65,059,410	64,145,176	56,397,130
2017									19,536,585	35,439,390	52,323,187	69,648,129
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	702,161,421	702,417,500	696,578,230	703,137,005
2010 & Prior		968,576,573	987,061,958	933,224,095	870,587,801	808,582,121	779,042,467	751,958,390	734,136,375	734,159,410	727,906,438	736,008,073
2011 & Prior			1,059,953,897	1,004,530,547	936,259,596	873,669,964	846,389,769	812,472,875	793,417,456	792,995,406	785,742,620	794,815,946
2012 & Prior				1,085,747,642	1,013,006,165	940,784,387	904,198,933	855,767,761	829,808,128	826,756,258	818,779,224	834,719,078
2013 & Prior					1,089,407,071	1,003,141,494	965,045,130	910,007,875	879,446,971	881,201,731	868,090,325	886,177,868
2014 & Prior						1,072,879,130	1,045,391,825	994,962,354	956,031,996	953,795,135	937,839,640	955,065,699
2015 & Prior							1,107,314,950	1,070,877,102	1,021,788,768	1,014,399,488	1,006,144,956	1,018,586,390
2016 & Prior								1,140,106,438	1,086,306,589	1,079,458,898	1,070,290,131	1,074,983,520
2017 & Prior									1,105,843,174	1,114,898,288	1,122,613,318	1,144,631,648

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)	@ 3/31/17 (b)	@ 6/30/17 (b)	@ 9/30/17 (b)	@ 12/31/17 (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	29,613,025	29,535,364	29,446,955	29,246,689
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	12,092,656	12,051,005	12,003,447	14,227,333
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	31,221,892	31,172,106	31,118,404	30,329,935
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	57,935,370	57,818,469	57,689,213	58,278,747
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	51,555,695	51,445,820	51,323,501	50,530,018
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	23,158,071	23,511,619	23,449,670	23,680,669
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	34,950,725	34,888,039	34,819,753	35,946,787
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	34,519,805	34,486,575	34,413,036	33,535,980
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	45,026,882	45,166,718	45,061,450	44,777,076
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	80,776,124	81,006,322	77,822,025	75,648,623
1999	35,469,979	39,466,371	34,938,796	36,306,404	37,383,127	32,136,323	31,736,790	30,812,415	29,986,007	29,984,711	28,235,114	30,294,112
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	22,548,492	22,442,512	22,442,543	24,086,292
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	32,125,623	32,072,226	31,933,821	32,195,308
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	80,985,886	80,824,231	80,409,967	78,853,193
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	18,028,951	18,028,474	17,944,301	20,478,428
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	31,351,165	31,348,415	31,190,415	32,749,998
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	41,047,031	41,036,064	40,793,163	39,904,713
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	65,758,573	60,065,199	59,752,543	59,343,178
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	50,619,242	50,175,324	49,896,367	48,074,049
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	66,882,908	66,329,196	65,781,394	65,428,405
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	70,024,602	72,595,447	72,026,820	74,480,094
2010		64,978,389	70,135,006	70,499,869	62,574,064	48,496,715	39,378,914	36,647,659	36,155,434	35,896,597	35,423,420	37,160,337
2011			72,891,940	77,584,464	72,600,196	71,996,315	74,559,791	68,192,855	66,991,103	66,468,056	65,304,037	66,336,890
2012				81,217,094	77,309,410	67,729,133	58,440,532	44,610,051	40,925,729	37,946,520	37,114,924	41,198,718
2013					76,400,906	62,478,164	61,072,531	55,495,022	51,077,158	56,030,716	50,736,533	52,757,475
2014						69,737,636	80,485,475	86,783,624	78,379,319	74,205,087	71,289,286	70,511,636
2015							61,923,125	77,433,227	67,185,698	61,850,997	69,707,579	64,925,458
2016								69,229,336	65,807,541	65,101,085	64,185,681	56,524,744
2017									19,536,585	35,439,390	52,323,187	69,648,129
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	910,208,726	905,990,835	897,553,903	902,089,627
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	946,364,160	941,887,433	932,977,323	939,249,964
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	1,013,355,263	1,008,355,489	998,281,360	1,005,586,855
2012 & Prior				1,275,965,019	1,239,238,729	1,151,288,136	1,109,623,186	1,071,290,917	1,054,280,993	1,046,302,009	1,035,396,284	1,046,785,572
2013 & Prior					1,315,639,635	1,213,766,300	1,170,695,717	1,126,785,939	1,105,358,151	1,102,332,726	1,086,132,817	1,099,543,048
2014 & Prior						1,283,503,936	1,251,181,192	1,213,569,563	1,183,737,470	1,176,537,812	1,157,422,103	1,170,054,683
2015 & Prior							1,313,104,318	1,291,002,789	1,250,923,167	1,238,388,809	1,227,129,683	1,234,980,142
2016 & Prior								1,360,232,125	1,316,730,709	1,303,489,894	1,291,315,364	1,291,504,885
2017 & Prior									1,336,267,294	1,338,929,284	1,343,638,551	1,361,153,014

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)	@ 3/31/17 (b)	@ 6/30/17 (b)	@ 9/30/17 (b)	@ 12/31/17 (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	26,251,019	26,199,649	26,147,596	25,964,034
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	10,991,446	10,971,615	10,945,642	12,789,992
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	25,666,264	25,676,626	25,679,684	25,047,376
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	47,396,517	47,399,036	47,386,572	48,119,766
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	43,466,006	43,422,571	43,357,624	43,010,446
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	18,367,418	18,629,270	18,596,709	19,083,459
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	28,738,091	28,745,837	28,730,245	29,702,005
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	28,607,237	28,629,307	28,618,499	27,972,026
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	36,150,530	36,316,838	36,299,963	36,234,683
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	64,695,750	64,983,320	62,724,785	61,025,424
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	26,098,131	26,144,000	24,803,668	26,214,859
2000	23,206,043	21,551,843	18,016,710	21,062,633	18,979,138	18,031,693	18,031,693	18,245,985	18,243,438	18,206,383	18,233,459	19,495,776
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	25,662,075	25,663,215	25,599,832	25,986,782
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	63,487,544	63,463,708	63,244,866	62,535,820
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	15,373,240	15,395,521	15,357,342	17,106,855
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	24,591,627	24,611,548	24,518,218	25,376,483
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	31,304,842	31,344,582	31,225,605	30,379,108
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	50,148,971	46,049,212	45,868,327	45,855,599
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	39,899,539	39,645,980	39,495,042	38,254,985
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	49,115,864	48,791,479	48,474,249	46,953,609
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	50,530,193	52,486,340	52,283,801	55,417,658
2010		42,506,678	46,963,905	47,244,604	42,551,480	33,550,530	27,627,157	25,943,105	25,724,199	25,618,527	25,380,138	26,463,338
2011			48,135,149	51,255,567	48,664,196	49,025,594	51,459,755	47,536,597	46,879,426	46,681,208	46,077,804	46,583,905
2012				53,164,473	51,304,216	45,663,550	40,043,978	30,959,093	28,550,548	26,569,329	26,074,922	28,754,324
2013					50,356,222	41,890,895	41,626,313	38,253,503	35,440,014	38,924,497	35,441,137	36,709,393
2014						46,089,913	54,048,934	58,832,041	53,410,816	50,749,962	49,015,010	48,382,677
2015							41,099,116	51,838,255	45,219,713	41,782,435	47,249,311	43,925,745
2016								45,882,758	43,977,092	43,634,756	43,151,819	37,786,424
2017									12,879,844	23,484,231	34,855,622	46,007,205
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	724,785,740	722,776,035	717,591,728	722,526,743
2010 & Prior		762,764,793	790,234,672	834,120,872	824,014,306	779,854,241	764,675,204	758,064,387	750,509,939	748,394,563	742,971,866	748,990,080
2011 & Prior			838,369,821	885,376,439	872,678,502	828,879,835	816,134,960	805,600,984	797,389,364	795,075,771	789,049,670	795,573,985
2012 & Prior				938,540,911	923,982,718	874,543,385	856,178,937	836,560,077	825,939,912	821,645,100	815,124,591	824,328,310
2013 & Prior					974,338,940	916,434,280	897,805,250	874,813,580	861,379,927	860,569,597	850,565,729	861,037,702
2014 & Prior						962,524,193	951,854,184	933,645,621	914,790,742	911,319,559	899,580,738	909,420,380
2015 & Prior							992,953,300	985,483,876	960,010,456	953,101,994	946,830,049	953,346,124
2016 & Prior								1,031,366,635	1,003,987,548	996,736,750	989,981,868	991,132,549
2017 & Prior									1,016,867,392	1,020,220,981	1,024,837,490	1,037,139,753

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 @ 12/31/17	Estimated Unpaid Loss & ALAE @ 12/31/17 Based on Increased Utilization Rate of (b)			Indicated Ultimate Loss & ALAE Based on Increased Utilization Rate of			Selected Total Limits Ultimate Loss & ALAE	Difference Between Selected Ultimate and Incremental Payment Method		
		1.00%	2.00%	3.00%	1.00%	2.00%	3.00%		1.00%	2.00%	3.00%
		(3)	(4)	(5)	(2) + (3)	(2) + (4)	(2) + (5)		(9) - (6)	(9) - (7)	(9) - (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1989	11,655,031	9,188,051	11,304,981	14,143,821	20,843,082	22,960,013	25,798,853	22,247,493	1,404,412	(712,519)	(3,551,359)
1990	4,389,142	4,702,785	5,494,696	6,498,344	9,091,927	9,883,838	10,887,486	10,241,714	1,149,787	357,876	(645,772)
1991	6,106,980	16,619,509	21,176,473	27,625,623	22,726,489	27,283,453	33,732,603	21,603,024	(1,123,465)	(5,680,430)	(12,129,580)
1992	10,191,521	28,592,658	36,158,631	46,830,183	38,784,178	46,350,152	57,021,704	41,648,941	2,864,763	(4,701,210)	(15,372,762)
1993	15,427,591	21,390,396	26,340,867	33,150,955	36,817,988	41,768,458	48,578,546	37,954,191	1,136,203	(3,814,268)	(10,624,356)
1994	5,795,784	11,912,439	15,170,179	19,848,139	17,708,223	20,965,964	25,643,923	17,763,746	55,523	(3,202,217)	(7,880,177)
1995	7,435,735	19,860,696	24,903,152	32,052,500	27,296,431	32,338,887	39,488,235	26,306,261	(990,171)	(6,032,627)	(13,181,974)
1996	7,127,796	15,741,481	18,342,369	21,753,153	22,869,277	25,470,165	28,880,949	24,969,372	2,100,095	(500,793)	(3,911,577)
1997	8,659,671	23,641,891	29,495,678	37,821,123	32,301,562	38,155,349	46,480,795	32,694,782	393,220	(5,460,567)	(13,786,013)
1998	14,800,184	42,349,721	51,637,453	64,570,139	57,149,904	66,437,637	79,370,323	55,860,280	(1,289,624)	(10,577,357)	(23,510,043)
1999	9,443,243	10,699,726	12,500,032	14,900,157	20,142,969	21,943,275	24,343,400	23,002,739	2,859,770	1,059,464	(1,340,661)
2000	4,598,371	10,633,532	12,031,999	13,836,215	15,231,903	16,630,370	18,434,586	18,099,943	2,868,041	1,469,574	(334,642)
2001	6,249,177	18,776,688	22,574,519	27,838,027	25,025,864	28,823,696	34,087,204	24,719,308	(306,556)	(4,104,387)	(9,367,896)
2002	12,079,423	44,476,643	52,310,901	62,945,133	56,556,067	64,390,325	75,024,557	59,580,427	3,024,360	(4,809,898)	(15,444,130)
2003	3,709,771	10,420,481	11,708,483	13,375,094	14,130,253	15,418,254	17,084,865	15,763,511	1,633,258	345,257	(1,321,354)
2004	4,150,323	20,685,047	24,901,113	30,810,176	24,835,370	29,051,436	34,960,499	26,097,578	1,262,208	(2,953,858)	(8,862,921)
2005	6,072,256	20,898,092	24,107,360	28,414,098	26,970,348	30,179,616	34,486,354	32,030,326	5,059,978	1,850,709	(2,456,028)
2006	7,049,737	36,543,081	43,060,863	52,041,616	43,592,818	50,110,600	59,091,353	49,374,895	5,782,077	(735,706)	(9,716,458)
2007	7,547,604	26,515,282	29,288,584	32,850,665	34,062,886	36,836,187	40,398,268	40,252,269	6,189,383	3,416,081	(146,000)
2008	4,555,850	49,175,250	59,015,926	72,917,801	53,731,099	63,571,776	77,473,650	57,179,737	3,448,638	(6,392,039)	(20,293,913)
2009	6,235,772	48,143,931	56,594,717	68,299,545	54,379,703	62,830,489	74,535,316	65,746,467	11,366,765	2,915,979	(8,788,849)
2010	2,616,306	26,290,657	33,217,537	43,605,397	28,906,963	35,833,843	46,221,703	32,871,068	3,964,105	(2,962,774)	(13,350,635)
2011	3,707,397	40,223,869	46,899,973	56,110,931	43,931,265	50,607,369	59,818,327	58,807,873	14,876,607	8,200,503	(1,010,455)
2012	2,287,032	31,245,742	37,138,388	45,458,904	33,532,774	39,425,420	47,745,937	39,903,132	6,370,358	477,712	(7,842,804)
2013	3,114,977	32,955,147	36,449,106	41,016,452	36,070,123	39,564,082	44,131,429	51,458,790	15,388,667	11,894,708	7,327,362
2014	2,907,274	48,441,942	53,047,392	59,009,461	51,349,216	55,954,666	61,916,735	68,887,830	17,538,615	12,933,165	6,971,096
2015	1,331,475	53,015,190	59,326,958	67,725,511	54,346,665	60,658,434	69,056,986	63,520,691	9,174,025	2,862,257	(5,536,295)
2016	388,581	45,070,234	50,436,928	57,586,825	45,458,815	50,825,509	57,975,406	56,397,130	10,938,315	5,571,621	(1,578,276)
2017	5,229	50,259,375	57,971,498	68,604,195	50,264,603	57,976,727	68,609,424	69,648,129	19,383,525	11,671,402	1,038,704
Totals:	179,639,233	818,469,534	962,606,756	1,161,640,183	998,108,767	1,142,245,989	1,341,279,416	1,144,631,648	146,522,881	2,385,659	(196,647,768)
Excl. 2017	179,634,005	768,210,159	904,635,258	1,093,035,987	947,844,164	1,084,269,263	1,272,669,992	1,074,983,520	127,139,356	(9,285,743)	(197,686,472)

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%.



Actual and Estimated Incremental Payments - 2017 Cost Level

Year of Birth	Maturity (months) 12:24	Maturity (months) 24:36	Maturity (months) 36:48	Maturity (months) 48:60	Maturity (months) 60:72	Maturity (months) 72:84	Maturity (months) 84:96	Maturity (months) 96:108	Maturity (months) 108:120	Maturity (months) 120:132	Maturity (months) 132:144	Maturity (months) 144:156	Maturity (months) 156:168	Maturity (months) 168:180	Maturity (months) 180:192	Maturity (months) 192:204	Maturity (months) 204:216	Maturity (months) 216:228	Maturity (months) 228:240	Maturity (months) 240:252	Maturity (months) 252:264	Maturity (months) 264:276	Maturity (months) 276:288	Maturity (months) 288:300	Maturity (months) 300:312	
<b>I. Average Incremental Payments Per Open Accepted Claim - 2017 Cost Level (a)</b>																										
1989		265,354	74,529	124,079	142,701	84,018	75,995	96,096	63,219	67,541	296,741	54,938	76,477	98,460	97,083	93,662	100,034	88,669	51,734	53,769	56,856	82,931	83,550	116,505	123,605	
1990	174,764	84,189	70,573	48,128	17,698	51,749	12,984	20,187	16,789	15,629	14,157	21,771	46,067	51,744	63,853	55,943	51,567	31,790	30,309	29,990	39,321	37,212	49,146	117,423	69,487	
1991	316,372	39,187	29,572	153,481	94,003	19,914	29,208	11,430	28,881	33,765	41,630	36,459	42,620	41,969	45,447	72,109	159,746	122,513	134,225	124,206	247,342	107,229	135,432	139,667	125,760	
1992	59,906	67,162	85,005	77,489	34,869	33,269	29,800	25,626	27,309	28,003	38,557	44,891	34,780	36,674	43,547	47,654	59,955	63,813	87,402	61,365	93,512	99,036	96,209	94,757	102,871	
1993	53,295	75,305	95,279	91,566	83,939	115,331	96,352	92,944	95,447	92,004	73,165	99,326	108,137	91,346	85,366	91,065	93,262	100,562	105,965	126,188	127,102	111,062	112,490	98,706	91,483	
1994	317,632	176,498	83,179	79,559	148,515	52,808	88,096	85,024	20,421	36,559	198,009	20,792	22,649	42,585	42,086	36,641	45,358	37,608	55,216	67,169	62,803	60,244	61,425	81,467	80,726	
1995	170,964	117,916	114,890	20,611	16,533	37,824	18,227	51,539	52,814	175,437	68,141	79,766	109,228	12,628	100,230	158,808	66,970	123,895	122,791	134,810	122,231	144,572	109,518	114,053	113,017	
1996	155,625	171,597	124,891	90,304	115,304	129,186	62,127	68,171	59,997	68,077	68,268	60,293	67,928	75,812	80,651	58,055	58,909	75,435	64,151	63,446	78,576	107,647	109,518	114,053	113,017	
1997	73,409	88,477	36,590	74,366	88,124	66,433	41,991	46,944	37,002	54,438	65,495	74,724	80,662	71,497	116,624	66,265	69,347	73,571	72,244	65,676	77,266	76,891	78,227	81,467	80,726	
1998	118,326	135,440	78,141	67,320	43,172	127,882	68,615	71,869	62,823	72,062	81,445	87,556	93,092	92,833	108,688	110,480	106,862	110,363	119,427	105,986	110,741	110,203	112,119	116,762	115,700	
1999	289,673	57,084	68,821	123,462	84,586	69,153	91,257	176,913	108,922	97,600	111,775	139,410	94,909	135,127	124,122	136,022	125,607	148,760	121,051	123,244	128,773	128,147	130,375	135,774	134,540	
2000	205,735	100,434	146,535	73,101	53,821	38,697	40,856	39,787	35,117	65,105	49,204	51,057	64,380	62,182	53,838	56,759	63,368	81,770	87,159	88,738	92,719	92,269	93,873	97,760	96,871	
2001	464,565	315,960	369,526	126,494	181,028	238,574	107,392	67,564	76,561	87,996	84,183	119,375	114,808	141,060	112,992	102,210	111,045	117,239	125,890	128,171	133,920	133,270	135,587	141,202	139,918	
2002	122,290	119,824	78,949	86,100	46,827	107,682	67,796	71,867	60,162	67,167	83,624	87,033	81,728	85,024	70,597	90,690	89,695	94,698	101,686	103,528	108,172	107,647	109,518	114,053	113,017	
2003	131,151	41,844	88,221	261,885	63,841	54,935	94,184	100,296	87,913	117,163	167,833	133,390	119,280	139,344	120,918	119,591	126,261	135,578	138,034	144,226	143,526	146,021	152,067	150,685		
2004	103,560	271,018	151,124	103,802	101,767	88,693	82,577	45,475	62,897	72,148	63,699	56,996	58,954	84,639	99,527	86,366	85,418	90,182	96,837	98,591	103,014	102,514	104,296	108,615	107,628	
2005	7,054	127,212	100,917	63,833	114,909	78,431	82,452	54,474	69,580	62,700	68,219	72,796	79,542	76,180	89,580	77,735	76,881	81,170	87,159	88,738	92,719	92,269	93,873	97,760	96,871	
2006	106,208	75,155	81,633	98,604	176,322	99,518	72,872	65,710	61,515	66,098	88,894	88,528	88,375	84,639	99,527	86,366	85,418	90,182	96,837	98,591	103,014	102,514	104,296	108,615	107,628	
2007	202,000	77,515	184,848	140,764	111,752	141,912	109,252	118,107	119,274	128,027	115,099	123,945	123,730	118,499	139,344	120,918	119,591	126,261	135,578	138,034	144,226	143,526	146,021	152,067	150,685	
2008	101,220	82,256	56,564	69,355	34,817	58,827	64,617	71,987	77,385	79,447	82,210	88,528	88,375	84,639	99,527	86,366	85,418	90,182	96,837	98,591	103,014	102,514	104,296	108,615	107,628	
2009	107,476	117,096	103,555	79,980	55,823	54,538	93,174	129,485	82,752	85,406	88,377	95,168	95,003	90,987	106,992	92,844	91,825	96,947	104,101	105,986	110,741	110,203	112,119	116,762	115,700	
2010	403,651	52,749	104,825	41,926	30,370	42,519	43,498	63,584	61,584	63,559	65,770	70,824	70,701	67,713	79,623	69,095	68,336	72,148	77,472	78,875	82,413	82,013	83,439	86,894	86,104	
2011	28,691	89,255	63,113	78,358	78,903	67,708	71,538	71,534	69,285	71,507	73,994	79,681	79,542	76,180	89,580	77,735	76,881	81,170	87,159	88,738	92,719	92,269	93,873	97,760	96,871	
2012	41,324	203,553	108,104	59,728	37,547	68,114	63,587	63,584	61,584	63,559	65,770	70,824	70,701	67,713	79,623	69,095	68,336	72,148	77,472	78,875	82,413	82,013	83,439	86,894	86,104	
2013	257,255	126,491	97,310	91,188	93,355	85,140	79,482	79,477	76,978	79,447	82,210	88,528	88,375	84,639	99,527	86,366	85,418	90,182	96,837	98,591	103,014	102,514	104,296	108,615	107,628	
2014	90,322	93,295	97,979	83,890	93,355	85,140	79,482	79,477	76,978	79,447	82,210	88,528	88,375	84,639	99,527	86,366	85,418	90,182	96,837	98,591	103,014	102,514	104,296	108,615	107,628	
2015	122,537	108,989	98,532	83,890	93,355	85,140	79,482	79,477	76,978	79,447	82,210	88,528	88,375	84,639	99,527	86,366	85,418	90,182	96,837	98,591	103,014	102,514	104,296	108,615	107,628	
2016	190,239	101,390	98,532	83,890	93,355	85,140	79,482	79,477	76,978	79,447	82,210	88,528	88,375	84,639	99,527	86,366	85,418	90,182	96,837	98,591	103,014	102,514	104,296	108,615	107,628	
2017	130,888	101,390	98,532	83,890	93,355	85,140	79,482	79,477	76,978	79,447	82,210	88,528	88,375	84,639	99,527	86,366	85,418	90,182	96,837	98,591	103,014	102,514	104,296	108,615	107,628	

II. Incremental Payments - 2017 Cost Level (b)

1989	0	2,122,830	596,235	1,240,790	1,141,607	672,141	607,961	768,767	505,749	472,784	1,780,447	329,629	458,860	492,298	485,417	468,312	500,172	443,343	258,668	268,846	284,278	414,657	417,750	582,523	618,025
1990	524,291	505,137	494,009	336,893	123,888	362,246	90,891	141,310	117,520	109,402	99,096	152,399	322,471	362,211	383,116	335,657	260,270	127,159	121,234	119,958	157,286	148,848	196,582	352,270	208,461
1991	316,372	117,561	118,287	61,925	376,011	79,656	116,831	45,721	115,523	135,060	166,518	145,834	170,482	167,874	181,788	288,435	638,985	490,052	536,900	496,824	989,367	428,916	541,729	558,670	503,041
1992	179,719	805,946	1,105,063	1,007,359	453,294	399,229	357,601	281,887	300,397	308,029	424,129	493,797	382,579	366,743	435,466	476,537	539,594	574,321	786,622	552,285	841,610	891,321	865,877	852,816	925,839
1993	159,884	828,360	1,048,072	1,007,227	1,007,269	1,268,636	1,059,875	1,022,389	1,049,918	1,012,042	804,818	1,092,590	1,081,366	822,110	768,293	728,522	746,092	804,494	847,722	1,009,505	1,016,820	888,496	899,924	789,652	731,861
1994	635,265	882,491	499,077	477,354	1,039,606	369,656	440,479	340,096	81,685	146,236	792,037	83,166	90,596	170,339	168,343	146,566	181,432	150,431	220,863	268,674	251,211	240,977	245,700	325,866	319,922
1995	170,964	707,499	689,338	123,666	99,199	226,942																			

Summary of 2017 Level Incremental Payments by Maturity

Maturity (Months)	2017 Level (a) Average Incremental Payments per Open Accepted Claim Based on Annual Increase Utilization Rate of			Maturity (Months)	2017 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)
12:24	128,498	128,498	128,498	744:756	154,283	215,674	300,510
24:36	99,538	99,538	99,538	756:768	155,826	219,988	309,525
36:48	96,732	96,732	96,732	768:780	157,385	224,388	318,811
48:60	82,358	82,358	82,358	780:792	158,958	228,875	328,375
60:72	91,651	91,651	91,651	792:804	160,548	233,453	338,226
72:84	83,585	83,585	83,585	804:816	162,153	238,122	348,373
84:96	78,030	78,030	78,030	816:828	163,775	242,884	358,824
96:108	78,026	78,026	78,026	828:840	165,413	247,742	369,589
108:120	75,572	75,572	75,572	840:852	167,067	252,697	380,677
120:132	77,996	77,996	77,996	852:864	168,738	257,751	392,097
132:144	80,709	80,709	80,709	864:876	170,425	262,906	403,860
144:156	86,912	86,912	86,912	876:888	172,129	268,164	415,976
156:168	86,761	86,761	86,761	888:900	173,850	273,527	428,455
168:180	83,093	83,093	83,093	900:912	175,589	278,998	441,308
180:192	97,710	97,710	97,710	912:924	177,345	284,578	454,548
192:204	84,789	84,789	84,789	924:936	179,118	290,269	468,184
204:216	83,858	83,858	83,858	936:948	180,910	296,075	482,230
216:228	88,536	88,536	88,536	948:960	182,719	301,996	496,697
228:240	95,069	95,069	95,069	960:972	184,546	308,036	511,597
240:252	96,791	96,791	96,791	972:984	186,391	314,197	526,945
252:264	101,133	101,133	101,133	984:996	188,255	320,481	542,754
264:276	100,642	100,642	100,642	996:1008	190,138	326,890	559,036
276:288	102,392	102,392	102,392	1008:1020	192,039	333,428	575,807
288:300	106,632	106,632	106,632	1020:1032	193,959	340,097	593,082
300:312	105,662	105,662	105,662	1032:1044	195,899	346,899	610,874
312:324	104,144	104,144	104,144	1044:1056	197,858	353,837	629,200
324:336	110,000	110,000	110,000	1056:1068	199,837	360,913	648,076
336:348	110,000	110,000	110,000	1068:1080	201,835	368,132	667,519
348:360	111,100	112,200	113,300	1080:1092	203,853	375,494	687,544
360:372	112,211	114,444	116,699	1092:1104	205,892	383,004	708,171
372:384	113,333	116,733	120,200	1104:1116	207,951	390,664	729,416
384:396	114,466	119,068	123,806	1116:1128	210,030	398,478	751,298
396:408	115,611	121,449	127,520	1128:1140	212,131	406,447	773,837
408:420	116,767	123,878	131,346	1140:1152	214,252	414,576	797,052
420:432	117,935	126,355	135,286	1152:1164	216,394	422,868	820,964
432:444	119,114	128,883	139,345	1164:1176	218,558	431,325	845,593
444:456	120,305	131,460	143,525	1176:1188	220,744	439,951	870,960
456:468	121,508	134,089	147,831	1188:1200	222,951	448,750	897,089
468:480	122,724	136,771	152,266	1200:1212	225,181	457,725	924,002
480:492	123,951	139,507	156,834	1212:1224	227,433	466,880	951,722
492:504	125,190	142,297	161,539	1224:1236	229,707	476,218	980,274
504:516	126,442	145,143	166,385	1236:1248	232,004	485,742	1,009,682
516:528	127,707	148,046	171,376	1248:1260	234,324	495,457	1,039,972
528:540	128,984	151,006	176,518	1260:1272	236,667	505,366	1,071,171
540:552	130,273	154,027	181,813	1272:1284	239,034	515,473	1,103,307
552:564	131,576	157,107	187,268	1284:1296	241,424	525,783	1,136,406
564:576	132,892	160,249	192,886	1296:1308	243,839	536,298	1,170,498
576:588	134,221	163,454	198,672	1308:1320	246,277	547,024	1,205,613
588:600	135,563	166,723	204,632	1320:1332	248,740	557,965	1,241,781
600:612	136,919	170,058	210,771	1332:1344	251,227	569,124	1,279,035
612:624	138,288	173,459	217,095	1344:1356	253,740	580,507	1,317,406
624:636	139,671	176,928	223,607	1356:1368	256,277	592,117	1,356,928
636:648	141,068	180,467	230,316	1368:1380	258,840	603,959	1,397,636
648:660	142,478	184,076	237,225	1380:1392	261,428	616,038	1,439,565
660:672	143,903	187,758	244,342	1392:1404	264,042	628,359	1,482,752
672:684	145,342	191,513	251,672	1404:1416	266,683	640,926	1,527,234
684:696	146,795	195,343	259,222	1416:1428	269,350	653,745	1,573,051
696:708	148,263	199,250	266,999	1428:1440	272,043	666,820	1,620,243
708:720	149,746	203,235	275,009	1440:1452	274,764	680,156	1,668,850
720:732	151,243	207,299	283,259	1452:1464	277,511	693,759	1,718,916
732:744	152,756	211,445	291,757	1464:1476	280,286	707,634	1,770,483

Note: (a) For average incremental payments from 12:24 to 336:348, see Appendix E, Exhibit IV, Sheets 1a and 1b.  
 For average incremental payments from 348:360 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

**0.98172**

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	0.686	0.957	0.900	0.917
1990	0.539	0.927	0.850	0.866
1991	1.137	1.210	1.175	1.197
1992	0.822	1.058	0.900	0.917
1993	0.604	0.874	0.850	0.866
1994	0.712	0.761	0.750	0.764
1995	1.178	1.070	1.050	1.070
1996	0.894	1.183	1.050	1.070
1997	0.676	0.789	0.750	0.764
1998	1.086	1.067	1.075	1.095
1999	1.059	1.437	1.250	1.273
2000	0.664	1.068	0.900	0.917
2001	1.336	1.295	1.300	1.324
2002	0.926	1.072	1.050	1.070
2003	1.410	1.482	1.400	1.426
2004	0.729	1.006	1.000	1.019
2005	0.644	0.938	0.900	0.917
2006	1.134	1.011	1.000	1.019
2007	1.715	1.337	1.400	1.426
2008	0.667	1.043	1.000	1.019
2009	1.066	1.105	1.075	1.095
2010	0.687	0.791	0.800	0.815
2011	0.860	0.917	0.900	0.917
2012	0.663	0.719	0.800	0.815
2013	1.441	0.966	1.000	1.019
2014	1.430	0.910	1.000	1.019
2015	1.664	0.767	1.000	1.019
2016	-	-	1.000	1.019
2017	-	-	1.000	1.019

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) @ 12/31/17			Average Life Expectancy	
	Annual Inflation Factors	2017 Level Adjustment Factors	Annual Inflation Factors	2017 Level Adjustment Factors	Reported (a) Open Accepted Claim Cts.	IBNR (b) Accepted Claim Cts.	Ultimate Open Accepted Claim Cts. (6) + (7)	Indicated (c)	Selected (d) (9) x 1.25
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	1.75%	1.502	0.81%	1.414	4	-	4	20.88	26.10
1990	1.49%	1.476	0.53%	1.403	3	-	3	15.59	19.49
1991	1.46%	1.455	0.47%	1.395	4	-	4	27.89	34.86
1992	1.62%	1.434	0.42%	1.389	9	-	9	27.97	34.96
1993	1.30%	1.411	0.39%	1.383	8	-	8	25.43	31.79
1994	1.00%	1.393	0.35%	1.378	4	-	4	31.18	38.98
1995	1.09%	1.379	0.37%	1.373	5	-	5	30.08	37.60
1996	0.91%	1.364	0.24%	1.368	6	-	6	21.10	26.38
1997	0.92%	1.352	0.26%	1.365	8	-	8	31.47	39.34
1998	0.97%	1.339	0.35%	1.361	11	-	11	29.21	36.51
1999	0.98%	1.327	0.42%	1.356	3	-	3	24.17	30.21
2000	1.05%	1.314	0.30%	1.351	5	-	5	20.65	25.81
2001	1.22%	1.300	0.38%	1.347	4	-	4	29.98	37.48
2002	0.99%	1.285	0.29%	1.342	13	-	13	27.68	34.60
2003	1.42%	1.272	4.94%	1.338	3	-	3	22.03	27.54
2004	1.41%	1.254	0.87%	1.275	5	-	5	32.94	41.18
2005	0.99%	1.237	4.86%	1.264	7	-	7	27.44	34.30
2006	1.32%	1.225	0.50%	1.205	9	-	9	31.50	39.38
2007	6.50%	1.209	4.55%	1.199	7	-	7	22.52	28.15
2008	7.62%	1.135	0.35%	1.147	10	-	10	36.06	45.08
2009	0.78%	1.055	0.29%	1.143	10	-	10	33.65	42.06
2010	1.00%	1.047	0.42%	1.140	5	-	5	45.99	57.49
2011	0.78%	1.036	9.83%	1.135	10	-	10	34.01	42.51
2012	0.57%	1.028	0.72%	1.033	7	-	7	38.00	47.50
2013	0.55%	1.022	0.19%	1.026	8	1	9	27.00	33.75
2014	0.40%	1.017	0.17%	1.024	12	2	14	26.00	32.50
2015	0.69%	1.013	2.01%	1.022	8	5	13	30.00	37.50
2016	0.59%	1.006	0.22%	1.002	2	9	11	30.00	37.50
2017		1.000		1.000	-	12	12	30.00	37.50
Totals:					190	29	219		

Notes: (a) Current reported open accepted claims alive as of December 31, 2017. See Exhibit X, Sheet 1d, Column (4).  
 (b) Estimated unreported accepted claims alive as of December 31, 2017. 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

Assumed Annual Increase Utilization Rate		2.00%																							
Average Incremental Payment Per Open Accepted Claim by Maturity (a)																									
2017 Level	128,498	99,538	96,732	82,358	91,651	83,585	78,030	78,026	75,572	77,996	80,709	86,912	86,761	83,093	97,710	84,789	83,858	88,536	95,069	96,791	101,133	100,642	102,392	106,632	105,662

Year of Birth	Maturity (months) 12:24	Maturity (months) 24:36	Maturity (months) 36:48	Maturity (months) 48:60	Maturity (months) 60:72	Maturity (months) 72:84	Maturity (months) 84:96	Maturity (months) 96:108	Maturity (months) 108:120	Maturity (months) 120:132	Maturity (months) 132:144	Maturity (months) 144:156	Maturity (months) 156:168	Maturity (months) 168:180	Maturity (months) 180:192	Maturity (months) 192:204	Maturity (months) 204:216	Maturity (months) 216:228	Maturity (months) 228:240	Maturity (months) 240:252	Maturity (months) 252:264	Maturity (months) 264:276	Maturity (months) 276:288	Maturity (months) 288:300	Maturity (months) 300:312
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I. Average Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (b)

1989																										
1990																										
1991																										
1992																										
1993																										66,142
1994																										59,132
1995																										58,594
1996																										80,060
1997																										83,376
1998																										82,618
1999																										59,155
2000																										59,003
2001																										99,185
2002																										71,712
2003																										72,369
2004																										103,892
2005																										104,845
2006																										103,892
2007																										104,845
2008																										103,892
2009																										104,845
2010																										103,892
2011																										104,845
2012																										103,892
2013																										104,845
2014																										103,892
2015																										104,845
2016																										103,892
2017																										104,845

II. Prospective Incremental Payments - Birth Year Level (c)

1989																										
1990																										
1991																										
1992																										
1993																										529,139
1994																										232,213
1995																										411,105
1996																										403,128
1997																										465,021
1998																										454,884
1999																										267,418
2000																										267,418
2001																										377,016
2002																										377,016
2003																										377,016
2004																										377,016
2005																										377,016
2006																										377,016
2007																										377,016
2008																										377,016
2009																										377,016
2010																										377,016
2011																										377,016
2012																										377,016
2013																										377,016
2014																										377,016
2015																										377,016
2016																										377,016
2017																										377,016

Notes: (a) See Appendix E, Exhibit II, Sheet 1, Columns (3) and (7).

(b) Average incremental payment 2017 level per open accepted claim are adjusted to severity level and birth year level. See Column (11) of Appendix E, Exhibit II, Sheet 2, and Column (5) of Appendix E, Exhibit II, Sheet 3, respectively.

(c) The product of Item I shown above and Item II of Appendix E, Exhibit III, Sheets 2a to 2e.

Development of Prospective Incremental Payment - Birth Year Level

Assumed Annual Increase Utilization Rate

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

2017 Level	104,144	110,000	110,000	112,200	114,444	116,733	119,068	121,449	123,878	126,355	128,883	131,460	134,089	136,771	139,507	142,297	145,143	148,046	151,006	154,027	157,107	160,249	163,454	166,723	170,058
Year of Birth	Maturity (months) 312:324	Maturity (months) 324:336	Maturity (months) 336:348	Maturity (months) 348:360	Maturity (months) 360:372	Maturity (months) 372:384	Maturity (months) 384:396	Maturity (months) 396:408	Maturity (months) 408:420	Maturity (months) 420:432	Maturity (months) 432:444	Maturity (months) 444:456	Maturity (months) 456:468	Maturity (months) 468:480	Maturity (months) 480:492	Maturity (months) 492:504	Maturity (months) 504:516	Maturity (months) 516:528	Maturity (months) 528:540	Maturity (months) 540:552	Maturity (months) 552:564	Maturity (months) 564:576	Maturity (months) 576:588	Maturity (months) 588:600	Maturity (months) 600:612

I. Average Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (b)

1989				72,738	74,193	75,677	77,190	78,734	80,309	81,915	83,553	85,224	86,929	88,667	90,441	92,250	94,095	95,976	97,896	99,854	101,851	103,888	105,966	108,085	110,247
1990			67,889	69,247	70,632	72,045	73,486	74,955	76,454	77,984	79,543	81,134	82,757	84,412	86,100	87,822	89,579	91,370	93,198	95,062	96,963	98,902	100,880	102,898	104,956
1991		94,351	94,351	96,238	98,162	100,126	102,128	104,171	106,254	108,379	110,547	112,758	115,013	117,313	119,659	122,053	124,494	126,984	129,523	132,114	134,756	137,451	140,200	143,004	145,864
1992	68,746	72,612	72,612	74,064	75,546	77,056	78,598	80,169	81,773	83,408	85,077	86,778	88,514	90,284	92,090	93,931	95,810	97,726	99,681	101,674	103,708	105,782	107,898	110,056	112,257
1993	65,192	68,858	68,858	70,235	71,639	73,072	74,534	76,024	77,545	79,096	80,678	82,291	83,937	85,616	87,328	89,075	90,856	92,673	94,527	96,417	98,345	100,312	102,319	104,365	106,452
1994	57,752	61,000	61,000	62,220	63,464	64,733	66,028	67,349	68,696	70,069	71,471	72,900	74,358	75,845	77,362	78,910	80,488	82,098	83,739	85,414	87,123	88,865	90,642	92,455	94,304
1995	81,132	85,695	85,695	87,409	89,157	90,940	92,759	94,614	96,506	98,436	100,405	102,413	104,461	106,549	108,682	110,855	113,072	115,334	117,640	119,993	122,393	124,841	127,338	129,884	132,482
1996	81,430	86,009	86,009	87,729	89,484	91,274	93,099	94,961	96,860	98,798	100,774	102,789	104,845	106,942	109,081	111,262	113,487	115,757	118,072	120,434	122,842	125,299	127,805	130,361	132,969
1997	58,305	61,584	61,584	62,815	64,072	65,353	66,660	67,993	69,353	70,740	72,155	73,598	75,070	76,571	78,103	79,665	81,258	82,883	84,541	86,232	87,956	89,716	91,510	93,340	95,207
1998	83,781	88,492	88,492	90,262	92,067	93,908	95,787	97,702	99,656	101,649	103,682	105,756	107,871	110,029	112,229	114,474	116,763	119,099	121,481	123,910	126,388	128,916	131,494	134,124	136,807
1999	97,759	103,257	103,257	105,322	107,428	109,577	111,768	114,004	116,284	118,610	120,982	123,401	125,869	128,387	130,955	133,574	136,245	138,970	141,749	144,584	147,476	150,426	153,434	156,503	159,633
2000	70,681	74,655	74,655	76,149	77,671	79,225	80,809	82,426	84,074	85,756	87,471	89,220	91,005	92,825	94,681	96,575	98,506	100,476	102,486	104,536	106,626	108,759	110,934	113,153	115,416
2001	102,399	108,157	108,157	110,320	112,526	114,772	117,073	119,414	121,802	124,238	126,723	129,258	131,843	134,480	137,169	139,913	142,711	145,565	148,476	151,446	154,475	157,564	160,716	163,930	167,208
2002	83,021	87,690	87,690	89,444	91,233	93,057	94,918	96,817	98,753	100,728	102,743	104,798	106,894	109,031	111,212	113,436	115,705	118,019	120,380	122,787	125,243	127,748	130,303	132,909	135,567
2003	111,012	117,255	117,255	119,600	121,992	124,431	126,920	129,459	132,048	134,689	137,382	140,130	142,933	145,791	148,707	151,681	154,715	157,809	160,965	164,185	167,468	170,818	174,234	177,719	181,273
2004	83,209	87,888	87,888	89,646	91,439	93,268	95,133	97,036	98,976	100,956	102,975	105,035	107,135	109,278	111,464	113,693	115,967	118,286	120,652	123,065	125,526	128,037	130,597	133,209	135,873
2005	75,542	79,790	79,790	81,385	83,013	84,673	86,367	88,094	89,856	91,653	93,486	95,356	97,263	99,208	101,192	103,216	105,281	107,386	109,534	111,725	113,959	116,238	118,563	120,934	123,353
2006	88,006	92,955	92,955	94,814	96,711	98,645	100,618	102,630	104,683	106,776	108,912	111,090	113,312	115,579	117,890	120,247	122,652	125,105	127,607	130,160	132,763	135,418	138,126	140,889	143,707
2007	123,833	130,796	130,796	133,412	136,081	138,802	141,578	144,410	147,298	150,244	153,249	156,314	159,440	162,629	165,882	169,199	172,583	176,035	179,555	183,147	186,810	190,546	194,357	198,244	202,209
2008	92,474	97,674	97,674	99,628	101,620	103,653	105,726	107,840	109,997	112,197	114,441	116,730	119,065	121,446	123,875	126,352	128,879	131,457	134,086	136,768	139,503	142,293	145,139	148,042	151,003
2009	99,758	105,368	105,368	107,476	109,625	111,818	114,054	116,335	118,662	121,035	123,456	125,925	128,443	131,012	133,632	136,305	139,031	141,812	144,648	147,541	150,492	153,502	156,572	159,703	162,897
2010	74,454	78,641	78,641	80,214	81,818	83,454	85,123	86,826	88,562	90,334	92,140	93,983	95,863	97,780	99,736	101,730	103,765	105,840	107,957	110,116	112,318	114,565	116,856	119,193	121,577
2011	84,118	88,849	88,849	90,626	92,438	94,287	96,173	98,096	100,058	102,059	104,101	106,183	108,306	110,472	112,682	114,935	117,234	119,579	121,970	124,410	126,898	129,436	132,025	134,665	137,358
2012	82,119	86,736	86,736	88,471	90,241	92,045	93,886	95,764	97,679	99,633	101,626	103,658	105,731	107,846	110,003	112,203	114,447	116,736	119,071	121,452	123,881	126,359	128,886	131,464	134,093
2013	103,387	109,201	109,201	111,385	113,613	115,885	118,203	120,567	122,979	125,437	127,947	130,506	133,116	135,778	138,494	141,264	144,089	146,971	149,910	152,908	155,966	159,086	162,268	165,513	168,823
2014	103,584	109,409	109,409	111,597	113,829	116,106	118,428	120,796	123,212	125,678	128,190	130,754	133,369	136,036	138,757	141,532	144,363	147,250	150,195	153,199	156,263	159,388	162,576	165,828	169,144
2015	103,762	109,597	109,597	111,789	114,024	116,305	118,631	121,004	123,424	125,892	128,410	130,978	133,598	136,270	138,995	141,775	144,610	147,503	150,453	153,462	156,531	159,662	162,855	166,112	169,434
2016	105,844	111,796	111,796	114,032	116,312	118,639	121,011	123,432	125,900	128,418	130,986	133,606	136,278	139,004	141,784	144,620	147,512	150,462	153,472	156,541	159,672	162,865	166,123	169,445	172,834
2017	106,081	112,046	112,046	114,287	116,573	118,904	121,282	123,708	126,182	128,706	131,280	133,905	136,583	139,315	142,101	144,943	147,842	150,799	153,815	156,891	160,029	163,230	166,494	169,824	173,221

II. Prospective Incremental Payments - Birth Year Level (c)

1989			290,953	291,071	291,067	290,933	290,666	290,262	289,718	289,029	288,188	287,190	286,029	284,701	283,201	281,521	279,651	277,583	275,307	272,813	270,093	267,136	263,930	260,465	
1990			203,668	201,191	198,610	195,920	193,122	190,215	187,202	184,084	180,863	177,537	174,107	170,575	166,943	163,213	159,385	155,457	151,430	147,303	143,076	138,752	134,332	129,815	125,205
1991		377,403	373,183	376,307	379,366	382,353	385,261	388,084	390,817	393,454	395,989	398,413	400,718	402,895	404,938	406,838	408,583	410,160	411,556	412,756	413,745	414,507	415,025	415,280	415,251
1992	618,715	646,102	638,644	643,752	648,740	653,594	658,304	662,859	667,250	671,467	675,500	679,333	682,952	686,343	689,493	692,388	695,007	697,328	699,328	700,983	702,265	703,148	703,602	703,595	703,091
1993	514,198	535,338	527,532	530,083	532,481	534,710	536,762	538,627	540,298	541,767	543,024	544,057	544,853	545,401	545,691	545,712	545,446	544,874	544,079	542,740	541,136	539,145	536,746	533,912	530,617
1994	226,723	237,180	234,867	237,183	239,472	241,729	243,952	246,135	248,277	250,373	252,421	254,415	256,350	258,221	260,024	261,754	263,403	264,964	266,429	267,789	269,034	270,155	271,142	271,981	272,662
1995	393,121	410,748	406,233	409,715	413,130	416,468	419,724	422,891	425,963	428,933	431,796	434,543	437,162	439,647	441,989	444,178	446,203	448,048	449,700	451,143	452,361	453,335	454,047	454,477	454,601
1996	448,325	463,005	452,518	450,909	449,086	447,037	444,754	442,233	439,470	436,462															

Development of Prospective Incremental Payment - Birth Year Level

Assumed Annual Increase Utilization Rate

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

2017 Level	173,459	176,928	180,467	184,076	187,758	191,513	195,343	199,250	203,235	207,299	211,445	215,674	219,988	224,388	228,875	233,453	238,122	242,884	247,742	252,697	257,751	262,906	268,164	273,527	278,998
Year of Birth	Maturity (months) 612:624	Maturity (months) 624:636	Maturity (months) 636:648	Maturity (months) 648:660	Maturity (months) 660:672	Maturity (months) 672:684	Maturity (months) 684:696	Maturity (months) 696:708	Maturity (months) 708:720	Maturity (months) 720:732	Maturity (months) 732:744	Maturity (months) 744:756	Maturity (months) 756:768	Maturity (months) 768:780	Maturity (months) 780:792	Maturity (months) 792:804	Maturity (months) 804:816	Maturity (months) 816:828	Maturity (months) 828:840	Maturity (months) 840:852	Maturity (months) 852:864	Maturity (months) 864:876	Maturity (months) 876:888	Maturity (months) 888:900	Maturity (months) 900:912

I. Average Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (b)

1989	112,452	114,701	116,995	119,335	121,721	124,156	126,639	129,172	131,755	134,390	137,078	139,820	142,616	145,468	148,378	151,345	154,372	157,460	160,609	163,821	167,097	170,439	173,848	177,325	180,872
1990	107,055	109,196	111,380	113,607	115,879	118,197	120,561	122,972	125,432	127,940	130,499	133,109	135,771	138,487	141,256	144,082	146,963	149,902	152,900	155,958	159,078	162,259	165,504	168,814	172,191
1991	148,782	151,757	154,792	157,888	161,046	164,267	167,552	170,903	174,321	177,800	181,364	184,991	188,691	192,465	196,314	200,240	204,245	208,330	212,497	216,747	221,082	225,503	230,013	234,614	239,306
1992	114,502	116,792	119,128	121,510	123,940	126,419	128,948	131,527	134,157	136,840	139,577	142,369	145,216	148,120	151,083	154,104	157,186	160,330	163,537	166,807	170,144	173,546	177,017	180,558	184,169
1993	108,581	110,753	112,968	115,227	117,532	119,883	122,280	124,726	127,220	129,765	132,360	135,007	137,707	140,462	143,271	146,136	149,059	152,040	155,081	158,183	161,346	164,573	167,865	171,222	174,646
1994	96,190	98,114	100,076	102,078	104,120	106,202	108,326	110,492	112,702	114,956	117,256	119,601	121,993	124,432	126,921	129,460	132,049	134,690	137,384	140,131	142,934	145,792	148,708	151,683	154,716
1995	135,132	137,834	140,591	143,403	146,271	149,196	152,180	155,224	158,328	161,495	164,725	168,019	171,380	174,807	178,304	181,870	185,507	189,217	193,001	196,862	200,799	204,815	208,911	213,089	217,351
1996	135,628	138,340	141,107	143,929	146,808	149,744	152,739	155,794	158,910	162,088	165,330	168,636	172,009	175,449	178,958	182,537	186,188	189,912	193,710	197,584	201,536	205,567	209,678	213,872	218,149
1997	97,111	99,053	101,034	103,055	105,116	107,218	109,363	111,550	113,781	116,057	118,378	120,745	123,160	125,624	128,136	130,699	133,313	135,979	138,699	141,472	144,302	147,188	150,132	153,134	156,197
1998	139,543	142,334	145,181	148,084	151,046	154,067	157,148	160,291	163,497	166,767	170,102	173,504	176,974	180,514	184,124	187,806	191,563	195,394	199,302	203,288	207,354	211,501	215,731	220,045	224,446
1999	162,826	166,082	169,404	172,792	176,248	179,773	183,368	187,035	190,776	194,592	198,483	202,453	206,502	210,632	214,845	219,142	223,525	227,995	232,555	237,206	241,950	246,789	251,725	256,759	261,895
2000	117,724	120,079	122,480	124,930	127,428	129,977	132,576	135,228	137,933	140,691	143,505	146,375	149,303	152,289	155,334	158,441	161,610	164,842	168,139	171,502	174,932	178,430	181,999	185,639	189,352
2001	170,553	173,964	177,443	180,992	184,612	188,304	192,070	195,911	199,830	203,826	207,903	212,061	216,302	220,628	225,041	229,541	234,128	238,815	243,591	248,463	253,432	258,501	263,671	268,944	274,323
2002	138,278	141,044	143,865	146,742	149,677	152,670	155,724	158,838	162,015	165,255	168,560	171,932	175,370	178,878	182,455	186,104	189,826	193,623	197,495	201,445	205,474	209,584	213,775	218,051	222,412
2003	184,899	188,597	192,369	196,216	200,140	204,143	208,226	212,390	216,638	220,971	225,390	229,898	234,496	239,186	243,970	248,849	253,826	258,903	264,081	269,362	274,750	280,245	285,850	291,567	297,398
2004	138,591	141,363	144,190	147,074	150,015	153,016	156,076	159,197	162,381	165,629	168,942	172,320	175,767	179,282	182,868	186,525	190,256	194,061	197,942	201,901	205,939	210,058	214,259	218,544	222,915
2005	125,820	128,337	130,903	133,521	136,192	138,916	141,694	144,528	147,418	150,367	153,374	156,441	159,570	162,762	166,017	169,337	172,724	176,179	179,702	183,296	186,962	190,701	194,515	198,406	202,374
2006	146,581	149,512	152,503	155,553	158,664	161,837	165,074	168,375	171,743	175,178	178,681	182,255	185,900	189,618	193,410	197,279	201,224	205,249	209,354	213,541	217,811	222,166	226,611	231,143	235,766
2007	206,253	210,378	214,585	218,877	223,254	227,720	232,274	236,920	241,658	246,491	251,421	256,349	261,378	266,510	271,746	277,083	282,514	288,040	293,661	299,378	305,191	311,101	317,108	323,214	329,421
2008	154,023	157,103	160,245	163,450	166,719	170,054	173,455	176,924	180,462	184,071	187,753	191,508	195,338	199,245	203,230	207,294	211,440	215,669	219,982	224,382	228,870	233,447	238,116	242,878	247,736
2009	166,155	169,478	172,868	176,325	179,852	183,449	187,118	190,860	194,677	198,571	202,542	206,593	210,725	214,939	219,238	223,623	228,095	232,657	237,310	242,057	246,898	251,836	256,872	262,010	267,250
2010	124,009	126,489	129,019	131,599	134,231	136,916	139,654	142,447	145,296	148,202	151,166	154,189	157,273	160,418	163,627	166,899	170,237	173,642	177,115	180,657	184,270	187,956	191,715	195,549	199,460
2011	140,106	142,908	145,766	148,681	151,655	154,688	157,782	160,937	164,156	167,439	170,788	174,204	177,688	181,242	184,866	188,564	192,335	196,182	200,105	204,107	208,190	212,353	216,600	220,932	225,351
2012	136,775	139,510	142,300	145,146	148,049	151,010	154,031	157,111	160,253	163,458	166,728	170,062	173,463	176,933	180,471	184,081	187,762	191,518	195,348	199,255	203,240	207,305	211,451	215,680	219,994
2013	172,200	175,644	179,156	182,740	186,394	190,122	193,925	197,803	201,759	205,794	209,910	214,100	218,391	222,759	227,214	231,758	236,393	241,121	245,943	250,862	255,880	260,997	266,217	271,541	276,972
2014	172,527	175,477	179,497	183,087	186,749	190,484	194,293	198,179	202,143	206,186	210,309	214,516	218,806	223,182	227,646	232,199	236,843	241,579	246,411	251,339	256,366	261,493	266,723	272,058	277,499
2015	172,823	176,279	179,805	183,401	187,069	190,810	194,627	198,519	202,489	206,539	210,670	214,883	219,181	223,565	228,036	232,597	237,249	241,994	246,834	251,770	256,806	261,942	267,181	272,524	277,975
2016	176,291	179,816	183,413	187,081	190,823	194,639	198,532	202,502	206,553	210,684	214,897	219,195	223,579	228,051	232,612	237,264	242,009	246,849	251,786	256,822	261,959	267,198	272,542	277,992	283,552
2017	176,685	180,219	183,823	187,500	191,250	195,075	198,976	202,956	207,015	211,155	215,378	219,686	224,080	228,561	233,132	237,795	242,551	247,402	252,350	257,397	262,545	267,796	273,152	278,615	284,187

II. Prospective Incremental Payments - Birth Year Level (c)

1989	256,731	252,718	248,419	243,831	238,952	233,779	228,308	222,535	216,461	210,090	203,426	196,474	189,242	181,739	173,977	165,975	157,750	149,333	140,766	132,097	123,368	114,614	105,870	97,178	88,585
1990	120,505	115,720	110,858	105,929	100,946	95,920	90,862	85,784	80,701	75,631	70,588	65,593	60,660	55,811	51,062	46,436	41,953	37,635	33,509	29,598	25,921	22,488	19,309	16,392	13,742
1991	414,918	414,260	413,257	411,890	410,144	407,998	405,430	402,415	398,934	394,965	390,488	385,483	379,926	373,795	367,070	359,735	351,771	343,173	333,951	324,125	313,704	302,692	291,087	278,904	266,162
1992	702,056	700,454	698,252	695,419	691,928	687,745	682,833	677,152	670,669	663,350	655,162	646,071	636,041	625,033	613,028	599,987	585,890	570,731	554,533	537,333	519,155	500,009	479,900	458,858	436,924
1993	526,836	522,542	517,715	512,336	506,388	499,854	492,711	484,938	476,518	467,439	457,709	447,254	436,127	424,298	411,764	398,530	384,602	370,005	354,790	339,019	322,745	306,008	288,849	271,328	253,513
1994	273,169	273,491	273,614	273,526	273,215	272,669	271,870	270,804	269,455	267,808	265,847	263,556	260,919	257,916	254,531	250,747	246,549	241,926	236,878	231,407	225,513	219,187	212,422	205,214	197,565
1995	454,399	453,846	452,921	451,605	449,878	447,718	445,102	442,001	4																

Development of Prospective Incremental Payment - Birth Year Level

Assumed Annual Increase Utilization Rate

Average Incremental Payment Per Open Accepted Claim by Maturity (a)	
2017 Level	284,578 290,269 296,075 301,996 308,036 314,197 320,481 326,890 333,428 340,097 346,899 353,837 360,913 368,132 375,494 383,004 390,664 398,478 406,447 414,576 422,868 431,325 439,951 448,750 457,725

Year of Birth	Maturity (months) 912:924	Maturity (months) 924:936	Maturity (months) 936:948	Maturity (months) 948:960	Maturity (months) 960:972	Maturity (months) 972:984	Maturity (months) 984:996	Maturity (months) 996:1008	Maturity (months) 1008:1020	Maturity (months) 1020:1032	Maturity (months) 1032:1044	Maturity (months) 1044:1056	Maturity (months) 1056:1068	Maturity (months) 1068:1080	Maturity (months) 1080:1092	Maturity (months) 1092:1104	Maturity (months) 1104:1116	Maturity (months) 1116:1128	Maturity (months) 1128:1140	Maturity (months) 1140:1152	Maturity (months) 1152:1164	Maturity (months) 1164:1176	Maturity (months) 1176:1188	Maturity (months) 1188:1200	Maturity (months) 1200:1212
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I. Average Incremental Payment Per Open Accepted Claim - Birth Year Cost Level (b)

1989	184,489	188,179	191,942	195,781	199,697	203,691	207,765	211,920	216,158	220,481	224,891	229,389	233,977	238,656	243,429	248,298	253,264	258,329	263,496	268,766	274,141	279,624	285,216	290,921	296,739
1990	175,635	179,147	182,730	186,385	190,113	193,915	197,793	201,749	205,784	209,900	214,098	218,380	222,747	227,202	231,746	236,381	241,109	245,931	250,849	255,866	260,984	266,203	271,528	276,958	282,497
1991	244,092	248,974	253,953	259,032	264,213	269,497	274,887	280,385	285,993	291,712	297,547	303,498	309,568	315,759	322,074	328,516	335,086	341,788	348,623	355,596	362,708	369,962	377,361	384,908	392,606
1992	187,852	191,609	195,442	199,350	203,337	207,404	211,552	215,783	220,099	224,501	228,991	233,571	238,242	243,007	247,867	252,824	257,881	263,039	268,299	273,665	279,139	284,721	290,416	296,224	302,149
1993	178,139	181,702	185,336	189,043	192,824	196,680	200,614	204,626	208,719	212,893	217,151	221,494	225,924	230,442	235,051	239,752	244,547	249,438	254,427	259,515	264,706	270,000	275,400	280,908	286,526
1994	157,810	160,967	164,186	167,470	170,819	174,236	177,720	181,275	184,900	188,598	192,370	196,217	200,142	204,145	208,228	212,392	216,640	220,973	225,392	229,900	234,498	239,188	243,972	248,851	253,828
1995	221,698	226,132	230,655	235,268	239,973	244,773	249,668	254,661	259,755	264,950	270,249	275,654	281,167	286,790	292,526	298,376	304,344	310,431	316,639	322,972	329,432	336,020	342,741	349,595	356,587
1996	222,512	226,962	231,501	236,131	240,854	245,671	250,585	255,596	260,708	265,921	271,241	276,666	282,199	287,843	293,600	299,472	305,461	311,570	317,802	324,158	330,641	337,254	343,990	350,879	357,897
1997	159,321	162,507	165,758	169,073	172,454	175,903	179,421	183,010	186,670	190,403	194,211	198,096	202,058	206,099	210,221	214,425	218,714	223,088	227,550	232,101	236,743	241,477	246,307	251,233	256,258
1998	228,935	233,514	238,184	242,948	247,807	252,763	257,818	262,974	268,234	273,599	279,071	284,652	290,345	296,152	302,075	308,116	314,279	320,564	326,976	333,515	340,185	346,989	353,929	361,007	368,228
1999	267,133	272,475	277,925	283,483	289,153	294,936	300,835	306,851	312,988	319,248	325,633	332,146	338,789	345,564	352,476	359,525	366,716	374,050	381,531	389,162	396,945	404,884	412,981	421,241	429,666
2000	193,139	197,002	200,942	204,960	209,060	213,241	217,506	221,856	226,293	230,819	235,435	240,144	244,947	249,846	254,843	259,939	265,138	270,441	275,850	281,367	286,994	292,734	298,589	304,560	310,652
2001	279,810	285,406	291,114	296,936	302,875	308,932	315,111	321,413	327,842	334,398	341,086	347,908	354,866	361,964	369,203	376,587	384,119	391,801	399,633	407,630	415,782	424,098	432,580	441,232	450,056
2002	226,860	231,397	236,025	240,746	245,561	250,472	255,481	260,591	265,803	271,119	276,541	282,072	287,714	293,468	299,337	305,324	311,430	317,659	324,012	330,492	337,102	343,844	350,721	357,736	364,890
2003	303,346	309,413	315,601	321,913	328,351	334,918	341,617	348,449	355,418	362,526	369,777	377,172	384,716	392,410	400,258	408,264	416,429	424,757	433,253	441,918	450,756	459,771	468,966	478,346	487,913
2004	227,373	231,921	236,559	241,290	246,116	251,038	256,059	261,180	266,404	271,732	277,167	282,710	288,364	294,131	300,014	306,014	312,135	318,377	324,745	331,240	337,865	344,622	351,514	358,545	365,715
2005	206,421	210,550	214,761	219,056	223,437	227,906	232,464	237,113	241,855	246,692	251,626	256,659	261,792	267,028	272,368	277,816	283,372	289,040	294,820	300,717	306,731	312,866	319,123	325,505	332,016
2006	240,481	245,291	250,197	255,201	260,305	265,511	270,821	276,238	281,762	287,398	293,146	299,008	304,989	311,088	317,310	323,656	330,129	336,732	343,467	350,336	357,343	364,490	371,779	379,215	386,799
2007	338,380	345,147	352,050	359,091	366,273	373,598	381,070	388,692	396,466	404,395	412,483	420,732	429,147	437,730	446,485	455,414	464,523	473,813	483,289	492,955	502,814	512,871	523,128	533,591	544,262
2008	252,691	257,744	262,899	268,157	273,521	278,991	284,571	290,262	296,067	301,989	308,029	314,189	320,473	326,882	333,420	340,088	346,890	353,828	360,904	368,123	375,485	382,995	390,655	398,468	406,437
2009	272,595	278,047	283,608	289,280	295,066	300,967	306,986	313,126	319,388	325,776	332,292	338,938	345,716	352,631	359,683	366,877	374,214	381,699	389,333	397,119	405,062	413,163	421,426	429,855	438,452
2010	203,449	207,518	211,669	215,902	220,220	224,625	229,117	233,699	238,373	243,141	248,004	252,964	258,023	263,183	268,447	273,816	279,292	284,878	290,576	296,387	302,315	308,361	314,529	320,819	327,236
2011	229,858	234,455	239,144	243,927	248,806	253,782	258,858	264,035	269,313	274,702	280,196	285,800	291,516	297,346	303,293	309,359	315,546	321,857	328,294	334,860	341,557	348,388	355,356	362,463	369,712
2012	224,393	228,881	233,459	238,128	242,891	247,748	252,705	257,757	262,913	268,171	273,534	279,005	284,585	290,277	296,082	302,004	308,044	314,205	320,489	326,899	333,437	340,106	346,908	353,846	360,923
2013	282,512	288,162	293,925	299,804	305,800	311,916	318,154	324,517	331,007	337,628	344,380	351,268	358,293	365,459	372,768	380,224	387,828	395,585	403,496	411,566	419,798	428,193	436,757	445,492	454,402
2014	283,049	288,710	294,484	300,374	306,381	312,509	318,759	325,134	331,637	338,269	345,035	351,936	358,974	366,154	373,477	380,946	388,565	396,337	404,263	412,349	420,596	428,907	437,588	446,339	455,266
2015	283,534	289,205	294,989	300,889	306,906	313,045	319,305	325,692	332,205	338,850	345,627	352,539	359,590	366,782	374,117	381,600	389,232	397,016	404,957	413,056	421,317	429,743	438,338	447,105	456,047
2016	289,223	295,008	300,908	306,926	313,065	319,326	325,712	332,227	338,871	345,649	352,562	359,613	366,805	374,141	381,624	389,257	397,042	404,983	413,082	421,344	429,771	438,366	447,133	456,076	465,198
2017	289,871	295,668	301,582	307,613	313,766	320,041	326,442	332,971	339,630	346,423	353,351	360,418	367,626	374,979	382,478	390,128	397,931	405,889	414,007	422,287	430,733	439,348	448,135	457,097	466,239

II. Prospective Incremental Payments - Birth Year Level (c)

1989	80,142	71,901	63,919	56,259	48,981	42,139	35,777	29,932	24,638	19,917	15,781	12,228	9,242	6,794	4,843	3,334	2,208	1,401	846	483	260	130	60	26	10
1990	11,361	9,250	7,404	5,817	4,478	3,369	2,471	1,761	1,216	809	516	315	182	99	50	23	10	4	1	0	0	0	0	0	0
1991	252,892	239,130	224,933	210,375	195,546	180,539	165,449	150,379	135,451	120,796	106,550	92,855	79,850	67,668	56,426	46,223	37,132	29,195	22,419	16,775	12,202	8,609	5,879	3,877	2,462
1992	414,157	390,627	366,436	341,720	316,637	291,350	266,025	240,843	216,010	191,746	168,281	145,847	124,668	104,955	86,889	70,616	56,235	43,791	33,272	24,605	17,665	12,285	8,256	5,348	3,330
1993	235,490	217,348	199,198	181,176	163,421	146,073	129,263	113,124	97,792	83,400	70,067	57,898	46,971	37,240	29,024	22,004	16,237	11,605	8,022	5,340	3,409	2,080	1,207	664	344
1994	189,482	180,977	172,071	162,802	153,213	143,353	133,272	123,029	112,695	102,352	92,090	82,005	72,201	62,781	53,847	45,496	37,810	30,860	24,694	19,337	14,790	11,031	8,009	5,651	3,867
1995	281,802	266,827	251,348	235,445	219,214	202,754	186,167	169,564	153,079	136,852	121,037	105,788	91,262	77,608	64,962	53,439	43,128	34,082	26,319	19,816	14,513	10,318	7,106	4,730	3,035
1996	73,499	63,890	54,896	46,573	38,968	32,11																			





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

Year of Birth	Maturity (months) 12:24	Maturity (months) 24:36	Maturity (months) 36:48	Maturity (months) 48:60	Maturity (months) 60:72	Maturity (months) 72:84	Maturity (months) 84:96	Maturity (months) 96:108	Maturity (months) 108:120	Maturity (months) 120:132	Maturity (months) 132:144	Maturity (months) 144:156	Maturity (months) 156:168	Maturity (months) 168:180	Maturity (months) 180:192	Maturity (months) 192:204	Maturity (months) 204:216	Maturity (months) 216:228	Maturity (months) 228:240	Maturity (months) 240:252	Maturity (months) 252:264	Maturity (months) 264:276	Maturity (months) 276:288	Maturity (months) 288:300	Maturity (months) 300:312	
1989																										
1990																										
1991																										
1992																										
1993																										0.0141
1994																										0.0094
1995																										0.0106
1996																							0.0207	0.0102	0.0104	0.0218
1997																						0.0096	0.0098	0.0099	0.0101	0.0103
1998																					0.0115	0.0119	0.0121	0.0123	0.0126	
1999																				0.0168	0.0172	0.0175	0.0178	0.0181	0.0185	0.0188
2000																			0.0223	0.0227	0.0232	0.0236	0.0240	0.0245	0.0249	0.0254
2001																	0.0113	0.0115	0.0118	0.0120	0.0122	0.0124	0.0127	0.0129	0.0131	
2002																			0.0134	0.0137	0.0140	0.0143	0.0145	0.0154	0.0156	0.0159
2003															0.0203	0.0208	0.0213	0.0217	0.0221	0.0225	0.0230	0.0234	0.0238	0.0242	0.0247	
2004														0.0095	0.0097	0.0100	0.0102	0.0104	0.0106	0.0108	0.0110	0.0112	0.0114	0.0116	0.0118	
2005													0.0140	0.0143	0.0146	0.0149	0.0152	0.0156	0.0159	0.0161	0.0164	0.0168	0.0171	0.0174	0.0177	
2006										0.0108	0.0109	0.0112	0.0114	0.0117	0.0119	0.0122	0.0124	0.0126	0.0129	0.0131	0.0134	0.0136	0.0139	0.0141	0.0143	
2007									0.0202	0.0205	0.0209	0.0213	0.0218	0.0223	0.0227	0.0232	0.0237	0.0241	0.0246	0.0250	0.0255	0.0259	0.0264	0.0268	0.0272	
2008									0.0083	0.0084	0.0085	0.0087	0.0088	0.0090	0.0092	0.0094	0.0096	0.0098	0.0100	0.0102	0.0104	0.0106	0.0108	0.0110	0.0112	
2009								0.0098	0.0100	0.0101	0.0102	0.0104	0.0106	0.0109	0.0111	0.0114	0.0116	0.0118	0.0121	0.0123	0.0125	0.0127	0.0130	0.0132	0.0134	
2010								0.0046	0.0047	0.0047	0.0048	0.0049	0.0050	0.0051	0.0052	0.0053	0.0054	0.0055	0.0056	0.0057	0.0058	0.0059	0.0060	0.0062	0.0063	
2011							0.0099	0.0100	0.0102	0.0103	0.0105	0.0106	0.0108	0.0110	0.0113	0.0115	0.0118	0.0120	0.0123	0.0125	0.0127	0.0130	0.0132	0.0134	0.0137	
2012						0.0079	0.0080	0.0081	0.0082	0.0083	0.0084	0.0086	0.0087	0.0089	0.0091	0.0093	0.0095	0.0097	0.0099	0.0101	0.0102	0.0104	0.0106	0.0108	0.0110	
2013					0.0159	0.0161	0.0163	0.0165	0.0167	0.0170	0.0172	0.0175	0.0178	0.0181	0.0185	0.0190	0.0194	0.0198	0.0202	0.0205	0.0209	0.0213	0.0217	0.0221	0.0225	
2014				0.0172	0.0174	0.0176	0.0178	0.0180	0.0183	0.0185	0.0188	0.0191	0.0194	0.0198	0.0203	0.0207	0.0212	0.0216	0.0220	0.0224	0.0229	0.0233	0.0237	0.0241	0.0246	
2015			0.0242	0.0134	0.0135	0.0137	0.0138	0.0140	0.0142	0.0144	0.0146	0.0148	0.0151	0.0154	0.0158	0.0161	0.0165	0.0168	0.0171	0.0175	0.0178	0.0181	0.0184	0.0188	0.0191	
2016		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	0.0170	0.0173	0.0176	0.0179	0.0182	0.0186	0.0189	
2017	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	0.0124	0.0126	0.0128	0.0130	0.0133	0.0135	0.0138	

II. Prospective Open Accepted Claim Counts (b)

1989																										
1990																										
1991																										
1992																										
1993																										8.00
1994																										4.00
1995																										4.95
1996																										4.90
1997																										8.00
1998																										6.00
1999																										5.00
2000																										4.95
2001																										4.90
2002																										7.69
2003																										7.77
2004																										7.85
2005																										7.92
2006																										7.85
2007																										7.77
2008																										7.69
2009																										10.36
2010																										10.36
2011																										2.70
2012																										2.70
2013																										4.23
2014																										4.23
2015																										4.23
2016																										4.23
2017																										4.23

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

(b) See Appendix E, Exhibit II, Sheet 3, Column (B) for the ultimate accepted claim counts, and Item I above for estimated number of claim counts alive by maturity. For the maturity from 12:24 to 72:84, 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

Year of Birth	Maturity (months) 312:324	Maturity (months) 324:336	Maturity (months) 336:348	Maturity (months) 348:360	Maturity (months) 360:372	Maturity (months) 372:384	Maturity (months) 384:396	Maturity (months) 396:408	Maturity (months) 408:420	Maturity (months) 420:432	Maturity (months) 432:444	Maturity (months) 444:456	Maturity (months) 456:468	Maturity (months) 468:480	Maturity (months) 480:492	Maturity (months) 492:504	Maturity (months) 504:516	Maturity (months) 516:528	Maturity (months) 528:540	Maturity (months) 540:552	Maturity (months) 552:564	Maturity (months) 564:576	Maturity (months) 576:588	Maturity (months) 588:600	Maturity (months) 600:612
<b>I. Adjusted q(x) (a)</b>																									
1989				0.0192	0.0196	0.0201	0.0205	0.0210	0.0214	0.0219	0.0225	0.0230	0.0236	0.0242	0.0248	0.0254	0.0261	0.0269	0.0276	0.0285	0.0294	0.0303	0.0314	0.0325	0.0337
1990			0.0315	0.0322	0.0329	0.0336	0.0344	0.0351	0.0359	0.0368	0.0376	0.0385	0.0395	0.0405	0.0415	0.0426	0.0438	0.0450	0.0463	0.0477	0.0492	0.0508	0.0526	0.0544	0.0564
1991		0.0112	0.0114	0.0116	0.0119	0.0122	0.0124	0.0127	0.0130	0.0133	0.0136	0.0139	0.0143	0.0146	0.0150	0.0154	0.0158	0.0163	0.0167	0.0173	0.0178	0.0184	0.0190	0.0197	0.0204
1992	0.0113	0.0115	0.0118	0.0120	0.0123	0.0125	0.0128	0.0131	0.0134	0.0137	0.0140	0.0144	0.0147	0.0151	0.0155	0.0159	0.0163	0.0168	0.0173	0.0178	0.0184	0.0190	0.0196	0.0203	0.0211
1993	0.0143	0.0146	0.0149	0.0152	0.0155	0.0158	0.0162	0.0166	0.0169	0.0173	0.0177	0.0182	0.0186	0.0191	0.0196	0.0201	0.0206	0.0212	0.0218	0.0225	0.0232	0.0240	0.0248	0.0257	0.0266
1994	0.0096	0.0098	0.0099	0.0101	0.0104	0.0106	0.0108	0.0111	0.0113	0.0116	0.0119	0.0122	0.0125	0.0128	0.0131	0.0134	0.0138	0.0142	0.0146	0.0150	0.0155	0.0160	0.0166	0.0172	0.0178
1995	0.0108	0.0110	0.0112	0.0114	0.0117	0.0119	0.0122	0.0125	0.0128	0.0131	0.0134	0.0137	0.0140	0.0144	0.0148	0.0151	0.0156	0.0160	0.0165	0.0170	0.0175	0.0181	0.0187	0.0193	0.0200
1996	0.0222	0.0227	0.0231	0.0236	0.0241	0.0246	0.0252	0.0257	0.0263	0.0269	0.0276	0.0282	0.0289	0.0296	0.0304	0.0312	0.0321	0.0330	0.0339	0.0350	0.0361	0.0372	0.0385	0.0399	0.0413
1997	0.0105	0.0107	0.0109	0.0111	0.0113	0.0116	0.0119	0.0121	0.0124	0.0127	0.0130	0.0133	0.0136	0.0140	0.0143	0.0147	0.0151	0.0155	0.0160	0.0165	0.0170	0.0175	0.0181	0.0188	0.0195
1998	0.0128	0.0130	0.0133	0.0136	0.0138	0.0142	0.0145	0.0148	0.0151	0.0155	0.0158	0.0162	0.0166	0.0170	0.0175	0.0179	0.0184	0.0189	0.0195	0.0201	0.0207	0.0214	0.0221	0.0229	0.0237
1999	0.0191	0.0195	0.0199	0.0203	0.0207	0.0212	0.0216	0.0221	0.0226	0.0232	0.0237	0.0243	0.0249	0.0255	0.0261	0.0268	0.0276	0.0283	0.0292	0.0301	0.0310	0.0320	0.0331	0.0343	0.0355
2000	0.0258	0.0263	0.0268	0.0274	0.0280	0.0286	0.0292	0.0299	0.0306	0.0313	0.0320	0.0328	0.0336	0.0344	0.0353	0.0362	0.0372	0.0383	0.0394	0.0406	0.0419	0.0432	0.0447	0.0463	0.0480
2001	0.0134	0.0136	0.0139	0.0142	0.0145	0.0148	0.0151	0.0155	0.0158	0.0162	0.0166	0.0170	0.0174	0.0178	0.0183	0.0187	0.0193	0.0198	0.0204	0.0210	0.0217	0.0224	0.0231	0.0239	0.0248
2002	0.0162	0.0165	0.0168	0.0172	0.0175	0.0179	0.0183	0.0187	0.0192	0.0196	0.0201	0.0206	0.0211	0.0216	0.0221	0.0227	0.0234	0.0240	0.0247	0.0255	0.0263	0.0271	0.0280	0.0290	0.0301
2003	0.0251	0.0256	0.0261	0.0266	0.0272	0.0278	0.0284	0.0291	0.0297	0.0304	0.0311	0.0319	0.0327	0.0335	0.0344	0.0353	0.0362	0.0372	0.0383	0.0395	0.0407	0.0421	0.0435	0.0450	0.0467
2004	0.0120	0.0122	0.0125	0.0127	0.0130	0.0133	0.0136	0.0139	0.0142	0.0146	0.0149	0.0153	0.0156	0.0160	0.0164	0.0169	0.0173	0.0178	0.0183	0.0189	0.0195	0.0201	0.0208	0.0216	0.0223
2005	0.0180	0.0183	0.0187	0.0191	0.0195	0.0199	0.0204	0.0208	0.0213	0.0218	0.0223	0.0229	0.0234	0.0240	0.0246	0.0253	0.0259	0.0267	0.0275	0.0283	0.0292	0.0301	0.0312	0.0323	0.0334
2006	0.0141	0.0144	0.0146	0.0149	0.0153	0.0156	0.0160	0.0163	0.0167	0.0171	0.0175	0.0179	0.0183	0.0188	0.0193	0.0198	0.0203	0.0209	0.0215	0.0222	0.0229	0.0236	0.0244	0.0253	0.0262
2007	0.0269	0.0274	0.0279	0.0285	0.0291	0.0298	0.0304	0.0311	0.0318	0.0325	0.0333	0.0341	0.0350	0.0358	0.0367	0.0377	0.0387	0.0398	0.0410	0.0423	0.0436	0.0450	0.0465	0.0482	0.0499
2008	0.0112	0.0114	0.0116	0.0118	0.0121	0.0124	0.0126	0.0129	0.0132	0.0135	0.0138	0.0142	0.0145	0.0149	0.0153	0.0157	0.0161	0.0165	0.0170	0.0176	0.0181	0.0187	0.0193	0.0200	0.0207
2009	0.0134	0.0137	0.0140	0.0142	0.0145	0.0149	0.0152	0.0155	0.0159	0.0163	0.0167	0.0171	0.0175	0.0179	0.0184	0.0189	0.0194	0.0199	0.0205	0.0211	0.0218	0.0225	0.0233	0.0241	0.0250
2010	0.0064	0.0065	0.0066	0.0068	0.0069	0.0071	0.0072	0.0074	0.0075	0.0077	0.0079	0.0081	0.0083	0.0085	0.0087	0.0089	0.0092	0.0095	0.0097	0.0100	0.0103	0.0107	0.0110	0.0114	0.0118
2011	0.0139	0.0142	0.0145	0.0148	0.0151	0.0154	0.0158	0.0161	0.0165	0.0169	0.0173	0.0177	0.0181	0.0186	0.0190	0.0195	0.0201	0.0206	0.0213	0.0219	0.0226	0.0233	0.0241	0.0250	0.0259
2012	0.0112	0.0114	0.0116	0.0119	0.0121	0.0124	0.0127	0.0130	0.0133	0.0136	0.0139	0.0142	0.0146	0.0150	0.0153	0.0157	0.0162	0.0166	0.0171	0.0176	0.0182	0.0188	0.0194	0.0201	0.0208
2013	0.0229	0.0233	0.0238	0.0243	0.0248	0.0253	0.0259	0.0265	0.0271	0.0277	0.0284	0.0291	0.0298	0.0305	0.0313	0.0321	0.0330	0.0339	0.0349	0.0360	0.0371	0.0383	0.0396	0.0410	0.0425
2014	0.0250	0.0255	0.0260	0.0265	0.0271	0.0277	0.0283	0.0290	0.0296	0.0303	0.0310	0.0318	0.0325	0.0334	0.0342	0.0351	0.0361	0.0371	0.0382	0.0393	0.0406	0.0419	0.0433	0.0448	0.0465
2015	0.0195	0.0198	0.0202	0.0206	0.0211	0.0215	0.0220	0.0225	0.0230	0.0236	0.0241	0.0247	0.0253	0.0259	0.0266	0.0273	0.0281	0.0288	0.0297	0.0306	0.0316	0.0326	0.0337	0.0349	0.0362
2016	0.0192	0.0196	0.0200	0.0204	0.0208	0.0213	0.0218	0.0223	0.0228	0.0233	0.0238	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
2017	0.0140	0.0143	0.0146	0.0149	0.0152	0.0155	0.0159	0.0162	0.0166	0.0170	0.0174	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

**II. Prospective Open Accepted Claim Counts (b)**

1989				4.00	3.92	3.85	3.77	3.69	3.61	3.54	3.46	3.38	3.30	3.23	3.15	3.07	2.99	2.91	2.84	2.76	2.68	2.60	2.52	2.44	2.36
1990			3.00	2.91	2.81	2.72	2.63	2.54	2.45	2.36	2.27	2.19	2.10	2.02	1.94	1.86	1.78	1.70	1.62	1.55	1.48	1.40	1.33	1.26	1.19
1991		4.00	3.96	3.91	3.86	3.82	3.77	3.73	3.68	3.63	3.58	3.53	3.48	3.43	3.38	3.33	3.28	3.23	3.18	3.12	3.07	3.02	2.96	2.90	2.85
1992	9.00	8.90	8.80	8.69	8.59	8.48	8.38	8.27	8.16	8.05	7.94	7.83	7.72	7.60	7.49	7.37	7.25	7.14	7.02	6.89	6.77	6.65	6.52	6.39	6.26
1993	7.89	7.77	7.66	7.55	7.43	7.32	7.20	7.08	6.97	6.85	6.73	6.61	6.49	6.37	6.25	6.13	6.00	5.88	5.75	5.63	5.50	5.37	5.25	5.12	4.98
1994	3.93	3.89	3.85	3.81	3.77	3.73	3.69	3.65	3.61	3.57	3.53	3.49	3.45	3.40	3.36	3.32	3.27	3.23	3.18	3.14	3.09	3.04	2.99	2.94	2.89
1995	4.85	4.79	4.74	4.69	4.63	4.58	4.52	4.47	4.41	4.36	4.30	4.24	4.18	4.13	4.07	4.01	3.95	3.88	3.82	3.76	3.70	3.63	3.57	3.50	3.43
1996	5.51	5.38	5.26	5.14	5.02	4.90	4.78	4.66	4.54	4.42	4.30	4.18	4.06	3.94	3.83	3.71	3.60	3.48	3.37	3.25	3.14	3.02	2.91	2.80	2.69
1997	7.61	7.53	7.45	7.37	7.29	7.20	7.12	7.04	6.95	6.87	6.78	6.69	6.60	6.51	6.42	6.33	6.24	6.14	6.05	5.95	5.85	5.75	5.65	5.55	5.44
1998	10.23	10.10	9.97	9.84	9.70	9.57	9.43	9.30	9.16	9.02	8.88	8.74	8.60	8.46	8.31	8.17	8.02	7.87	7.72	7.57	7.42	7.27	7.11	6.95	6.79
1999	2.65	2.59	2.54	2.49	2.44	2.39	2.34	2.29	2.24	2.19	2.14	2.09	2.04	1.99	1.94	1.89	1.84	1.78	1.73	1.68	1.63	1.58	1.53	1.48	1.43
2000	4.12	4.02	3.91	3.81	3.70	3.60	3.50	3.39	3.29	3.19	3.09	2.99	2.89	2.80	2.70	2.61	2.51	2.42	2.33	2.23	2.14	2.05	1.96	1.88	1.79
2001	3.58	3.53	3.49	3.44	3.39	3.34	3.29	3.24	3.19	3.14	3.09	3.04	2.99												

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

Year of Birth	Maturity (months) 612:624	Maturity (months) 624:636	Maturity (months) 636:648	Maturity (months) 648:660	Maturity (months) 660:672	Maturity (months) 672:684	Maturity (months) 684:696	Maturity (months) 696:708	Maturity (months) 708:720	Maturity (months) 720:732	Maturity (months) 732:744	Maturity (months) 744:756	Maturity (months) 756:768	Maturity (months) 768:780	Maturity (months) 780:792	Maturity (months) 792:804	Maturity (months) 804:816	Maturity (months) 816:828	Maturity (months) 828:840	Maturity (months) 840:852	Maturity (months) 852:864	Maturity (months) 864:876	Maturity (months) 876:888	Maturity (months) 888:900	Maturity (months) 900:912
<b>I. Adjusted q(x) (a)</b>																									
1989	0.0349	0.0363	0.0377	0.0392	0.0408	0.0426	0.0444	0.0464	0.0485	0.0507	0.0531	0.0557	0.0585	0.0615	0.0647	0.0682	0.0719	0.0759	0.0800	0.0844	0.0892	0.0944	0.1001	0.1063	0.1130
1990	0.0585	0.0608	0.0632	0.0657	0.0684	0.0713	0.0744	0.0777	0.0812	0.0850	0.0890	0.0933	0.0980	0.1030	0.1084	0.1143	0.1205	0.1271	0.1340	0.1414	0.1494	0.1582	0.1677	0.1781	0.1894
1991	0.0212	0.0220	0.0228	0.0238	0.0247	0.0258	0.0269	0.0281	0.0294	0.0307	0.0322	0.0337	0.0354	0.0372	0.0392	0.0413	0.0436	0.0460	0.0485	0.0511	0.0540	0.0572	0.0606	0.0644	0.0685
1992	0.0218	0.0227	0.0236	0.0245	0.0255	0.0266	0.0278	0.0290	0.0303	0.0317	0.0332	0.0348	0.0366	0.0384	0.0405	0.0426	0.0450	0.0474	0.0500	0.0528	0.0558	0.0590	0.0626	0.0665	0.0707
1993	0.0276	0.0287	0.0298	0.0310	0.0323	0.0336	0.0351	0.0366	0.0383	0.0401	0.0420	0.0440	0.0462	0.0486	0.0511	0.0539	0.0568	0.0599	0.0632	0.0667	0.0704	0.0746	0.0791	0.0840	0.0893
1994	0.0185	0.0192	0.0199	0.0207	0.0216	0.0225	0.0235	0.0245	0.0256	0.0268	0.0281	0.0294	0.0309	0.0325	0.0342	0.0360	0.0380	0.0401	0.0423	0.0446	0.0471	0.0499	0.0529	0.0562	0.0597
1995	0.0208	0.0216	0.0225	0.0234	0.0243	0.0253	0.0264	0.0276	0.0289	0.0302	0.0316	0.0332	0.0348	0.0366	0.0385	0.0406	0.0428	0.0452	0.0476	0.0503	0.0531	0.0562	0.0596	0.0633	0.0673
1996	0.0429	0.0445	0.0463	0.0481	0.0501	0.0522	0.0545	0.0569	0.0595	0.0622	0.0652	0.0683	0.0718	0.0754	0.0794	0.0837	0.0883	0.0931	0.0982	0.1036	0.1094	0.1159	0.1228	0.1304	0.1387
1997	0.0202	0.0210	0.0218	0.0227	0.0236	0.0246	0.0257	0.0268	0.0280	0.0293	0.0307	0.0322	0.0338	0.0356	0.0374	0.0394	0.0416	0.0439	0.0463	0.0488	0.0516	0.0546	0.0579	0.0615	0.0654
1998	0.0246	0.0256	0.0266	0.0277	0.0288	0.0300	0.0313	0.0327	0.0342	0.0358	0.0375	0.0393	0.0413	0.0434	0.0456	0.0481	0.0507	0.0535	0.0564	0.0595	0.0629	0.0666	0.0706	0.0750	0.0798
1999	0.0369	0.0383	0.0398	0.0414	0.0431	0.0449	0.0469	0.0489	0.0511	0.0535	0.0560	0.0588	0.0617	0.0649	0.0683	0.0720	0.0759	0.0800	0.0844	0.0891	0.0941	0.0996	0.1056	0.1122	0.1193
2000	0.0498	0.0517	0.0537	0.0559	0.0582	0.0606	0.0632	0.0660	0.0690	0.0722	0.0757	0.0793	0.0833	0.0876	0.0922	0.0971	0.1024	0.1080	0.1139	0.1202	0.1270	0.1345	0.1426	0.1514	0.1610
2001	0.0257	0.0267	0.0278	0.0289	0.0301	0.0314	0.0327	0.0342	0.0357	0.0374	0.0391	0.0411	0.0431	0.0453	0.0477	0.0503	0.0530	0.0559	0.0590	0.0622	0.0657	0.0696	0.0738	0.0784	0.0833
2002	0.0312	0.0324	0.0337	0.0351	0.0365	0.0380	0.0397	0.0415	0.0433	0.0453	0.0475	0.0498	0.0523	0.0550	0.0579	0.0610	0.0643	0.0678	0.0715	0.0755	0.0797	0.0844	0.0895	0.0950	0.1011
2003	0.0484	0.0503	0.0523	0.0544	0.0566	0.0590	0.0616	0.0643	0.0672	0.0703	0.0736	0.0772	0.0811	0.0853	0.0897	0.0946	0.0997	0.1052	0.1109	0.1170	0.1237	0.1309	0.1388	0.1474	0.1568
2004	0.0232	0.0241	0.0250	0.0260	0.0271	0.0282	0.0295	0.0308	0.0322	0.0337	0.0352	0.0370	0.0388	0.0408	0.0429	0.0453	0.0477	0.0503	0.0531	0.0560	0.0592	0.0627	0.0664	0.0705	0.0750
2005	0.0347	0.0360	0.0375	0.0390	0.0406	0.0423	0.0441	0.0461	0.0481	0.0504	0.0528	0.0553	0.0581	0.0611	0.0643	0.0677	0.0715	0.0754	0.0795	0.0838	0.0886	0.0938	0.0994	0.1056	0.1123
2006	0.0272	0.0282	0.0293	0.0305	0.0318	0.0331	0.0345	0.0361	0.0377	0.0395	0.0413	0.0433	0.0455	0.0478	0.0503	0.0531	0.0560	0.0590	0.0622	0.0657	0.0694	0.0735	0.0779	0.0827	0.0880
2007	0.0518	0.0538	0.0559	0.0582	0.0606	0.0631	0.0659	0.0688	0.0719	0.0752	0.0788	0.0826	0.0867	0.0912	0.0960	0.1012	0.1067	0.1125	0.1186	0.1252	0.1323	0.1400	0.1485	0.1577	0.1677
2008	0.0215	0.0224	0.0232	0.0242	0.0252	0.0262	0.0274	0.0286	0.0299	0.0312	0.0327	0.0343	0.0360	0.0379	0.0399	0.0420	0.0443	0.0467	0.0493	0.0520	0.0549	0.0582	0.0617	0.0655	0.0697
2009	0.0259	0.0269	0.0280	0.0291	0.0303	0.0315	0.0329	0.0344	0.0359	0.0376	0.0394	0.0413	0.0434	0.0456	0.0480	0.0506	0.0533	0.0562	0.0593	0.0626	0.0661	0.0700	0.0742	0.0788	0.0838
2010	0.0123	0.0128	0.0133	0.0138	0.0144	0.0150	0.0156	0.0163	0.0171	0.0178	0.0187	0.0196	0.0206	0.0216	0.0228	0.0240	0.0253	0.0267	0.0281	0.0297	0.0314	0.0332	0.0352	0.0374	0.0398
2011	0.0269	0.0279	0.0290	0.0302	0.0314	0.0327	0.0341	0.0356	0.0373	0.0390	0.0408	0.0428	0.0450	0.0473	0.0497	0.0524	0.0553	0.0583	0.0615	0.0649	0.0685	0.0726	0.0769	0.0817	0.0869
2012	0.0216	0.0225	0.0233	0.0243	0.0253	0.0263	0.0275	0.0287	0.0300	0.0314	0.0329	0.0345	0.0362	0.0381	0.0400	0.0422	0.0445	0.0469	0.0495	0.0522	0.0552	0.0584	0.0620	0.0658	0.0700
2013	0.0441	0.0458	0.0477	0.0496	0.0516	0.0538	0.0561	0.0586	0.0612	0.0641	0.0671	0.0704	0.0739	0.0777	0.0818	0.0862	0.0909	0.0958	0.1011	0.1066	0.1127	0.1193	0.1265	0.1343	0.1428
2014	0.0482	0.0501	0.0521	0.0542	0.0564	0.0588	0.0613	0.0640	0.0669	0.0700	0.0733	0.0769	0.0807	0.0849	0.0893	0.0941	0.0993	0.1047	0.1104	0.1165	0.1231	0.1303	0.1382	0.1468	0.1561
2015	0.0375	0.0390	0.0405	0.0421	0.0439	0.0457	0.0477	0.0498	0.0521	0.0545	0.0570	0.0598	0.0628	0.0660	0.0695	0.0732	0.0772	0.0815	0.0859	0.0906	0.0958	0.1014	0.1075	0.1142	0.1214
2016	0.0371	0.0385	0.0401	0.0417	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	0.1063	0.1129	0.1201
2017	0.0270	0.0281	0.0292	0.0304	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	0.0775	0.0823	0.0875

**II. Prospective Open Accepted Claim Counts (b)**

1989	2.28	2.20	2.12	2.04	1.96	1.88	1.80	1.72	1.64	1.56	1.48	1.41	1.33	1.25	1.17	1.10	1.02	0.95	0.88	0.81	0.74	0.67	0.61	0.55	0.49
1990	1.13	1.06	1.00	0.93	0.87	0.81	0.75	0.70	0.64	0.59	0.54	0.49	0.45	0.40	0.36	0.32	0.29	0.25	0.22	0.19	0.16	0.14	0.12	0.10	0.08
1991	2.79	2.73	2.67	2.61	2.55	2.48	2.42	2.35	2.29	2.22	2.15	2.08	2.01	1.94	1.87	1.80	1.72	1.65	1.57	1.50	1.42	1.34	1.27	1.19	1.11
1992	6.13	6.00	5.86	5.72	5.58	5.44	5.30	5.15	5.00	4.85	4.69	4.54	4.38	4.22	4.06	3.89	3.73	3.56	3.39	3.22	3.05	2.88	2.71	2.54	2.37
1993	4.85	4.72	4.58	4.45	4.31	4.17	4.03	3.89	3.75	3.60	3.46	3.31	3.17	3.02	2.87	2.73	2.58	2.43	2.29	2.14	2.00	1.86	1.72	1.58	1.45
1994	2.84	2.79	2.73	2.68	2.62	2.57	2.51	2.45	2.39	2.33	2.27	2.20	2.14	2.07	2.01	1.94	1.87	1.80	1.72	1.65	1.58	1.50	1.43	1.35	1.28
1995	3.36	3.29	3.22	3.15	3.08	3.00	2.92	2.85	2.77	2.69	2.61	2.53	2.44	2.36	2.27	2.18	2.09	2.00	1.91	1.82	1.73	1.64	1.55	1.45	1.36
1996	2.58	2.47	2.36	2.25	2.14	2.03	1.93	1.82	1.72	1.62	1.52	1.42	1.32	1.22	1.13	1.04	0.96	0.87	0.79	0.71	0.64	0.57	0.50	0.44	0.38
1997	5.34	5.23	5.12	5.01	4.89	4.78	4.66	4.54	4.42	4.30	4.17	4.04	3.91	3.78	3.65	3.51	3.37	3.23	3.09	2.95	2.80	2.66	2.51	2.37	2.22
1998	6.63	6.47	6.30	6.14	5.97	5.79	5.62	5.44	5.27	5.09	4.90	4.72	4.53	4.35	4.16	3.97	3.78	3.59	3.39	3.20	3.01	2.82	2.64	2.45	2.27
1999	1.38	1.33	1.28	1.23	1.18	1.13	1.07	1.02	0.97	0.92	0.87	0.83	0.78	0.73	0.68	0.64	0.59	0.54	0.50	0.46	0.42	0.38	0.34	0.31	0.27
2000	1.70	1.62	1.54	1.45	1.37	1.29	1.21	1.14	1.06	0.99	0.92	0.85	0.78	0.72	0.65	0.59	0.54	0.48	0.43	0.38	0.33	0.29	0.25	0.22	0.18
2001	2.28	2.22	2.16	2.10	2.04	1.98	1.91	1.85	1.79	1.72															

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

Year of Birth	Maturity (months) 912:924	Maturity (months) 924:936	Maturity (months) 936:948	Maturity (months) 948:960	Maturity (months) 960:972	Maturity (months) 972:984	Maturity (months) 984:996	Maturity (months) 996:1008	Maturity (months) 1008:1020	Maturity (months) 1020:1032	Maturity (months) 1032:1044	Maturity (months) 1044:1056	Maturity (months) 1056:1068	Maturity (months) 1068:1080	Maturity (months) 1080:1092	Maturity (months) 1092:1104	Maturity (months) 1104:1116	Maturity (months) 1116:1128	Maturity (months) 1128:1140	Maturity (months) 1140:1152	Maturity (months) 1152:1164	Maturity (months) 1164:1176	Maturity (months) 1176:1188	Maturity (months) 1188:1200	Maturity (months) 1200:1212
<b>I. Adjusted q(x) (a)</b>																									
1989	0.1204	0.1284	0.1371	0.1464	0.1566	0.1676	0.1798	0.1930	0.2075	0.2232	0.2404	0.2590	0.2793	0.3012	0.3250	0.3506	0.3783	0.4080	0.4397	0.4735	0.5088	0.5455	0.5835	0.6230	0.6643
1990	0.2018	0.2152	0.2297	0.2454	0.2623	0.2809	0.3012	0.3234	0.3476	0.3740	0.4028	0.4340	0.4680	0.5047	0.5446	0.5875	0.6339	0.6836	0.7369	0.7935	0.8526	0.9141	0.9778	1.0000	1.0000
1991	0.0730	0.0778	0.0831	0.0887	0.0948	0.1016	0.1089	0.1169	0.1257	0.1352	0.1456	0.1569	0.1692	0.1825	0.1969	0.2124	0.2292	0.2472	0.2664	0.2869	0.3083	0.3305	0.3535	0.3774	0.4025
1992	0.0753	0.0803	0.0857	0.0916	0.0979	0.1048	0.1124	0.1207	0.1297	0.1396	0.1503	0.1620	0.1746	0.1884	0.2032	0.2193	0.2366	0.2551	0.2750	0.2961	0.3182	0.3411	0.3649	0.3896	0.4154
1993	0.0951	0.1015	0.1083	0.1157	0.1237	0.1324	0.1420	0.1525	0.1639	0.1763	0.1899	0.2046	0.2206	0.2380	0.2567	0.2770	0.2988	0.3223	0.3474	0.3741	0.4020	0.4310	0.4610	0.4922	0.5248
1994	0.0636	0.0679	0.0724	0.0774	0.0827	0.0885	0.0950	0.1020	0.1096	0.1179	0.1270	0.1368	0.1475	0.1591	0.1717	0.1852	0.1998	0.2155	0.2323	0.2501	0.2688	0.2882	0.3083	0.3291	0.3509
1995	0.0717	0.0765	0.0816	0.0872	0.0932	0.0998	0.1070	0.1149	0.1235	0.1329	0.1431	0.1542	0.1663	0.1794	0.1935	0.2088	0.2252	0.2429	0.2618	0.2820	0.3030	0.3248	0.3475	0.3710	0.3956
1996	0.1478	0.1576	0.1682	0.1797	0.1921	0.2057	0.2206	0.2369	0.2546	0.2739	0.2950	0.3178	0.3427	0.3696	0.3988	0.4303	0.4642	0.5006	0.5396	0.5811	0.6244	0.6694	0.7161	0.7646	0.8152
1997	0.0696	0.0743	0.0793	0.0847	0.0905	0.0969	0.1040	0.1116	0.1200	0.1291	0.1390	0.1498	0.1615	0.1742	0.1879	0.2028	0.2188	0.2359	0.2543	0.2739	0.2943	0.3155	0.3375	0.3603	0.3842
1998	0.0850	0.0906	0.0967	0.1033	0.1104	0.1183	0.1268	0.1362	0.1464	0.1575	0.1696	0.1827	0.1970	0.2125	0.2293	0.2474	0.2669	0.2878	0.3102	0.3341	0.3590	0.3848	0.4117	0.4395	0.4687
1999	0.1271	0.1356	0.1447	0.1545	0.1652	0.1769	0.1897	0.2037	0.2189	0.2356	0.2537	0.2733	0.2947	0.3179	0.3430	0.3700	0.3992	0.4305	0.4641	0.4998	0.5370	0.5757	0.6158	0.6575	0.7011
2000	0.1715	0.1830	0.1953	0.2086	0.2230	0.2388	0.2561	0.2749	0.2955	0.3180	0.3424	0.3690	0.3978	0.4291	0.4629	0.4995	0.5389	0.5811	0.6264	0.6746	0.7248	0.7771	0.8313	0.8875	0.9463
2001	0.0888	0.0947	0.1011	0.1079	0.1154	0.1236	0.1325	0.1423	0.1529	0.1645	0.1772	0.1909	0.2058	0.2220	0.2395	0.2584	0.2788	0.3007	0.3241	0.3490	0.3750	0.4021	0.4301	0.4592	0.4897
2002	0.1077	0.1148	0.1226	0.1309	0.1400	0.1499	0.1607	0.1726	0.1855	0.1996	0.2149	0.2316	0.2497	0.2693	0.2906	0.3135	0.3382	0.3648	0.3932	0.4234	0.4549	0.4877	0.5217	0.5570	0.5940
2003	0.1670	0.1781	0.1901	0.2031	0.2171	0.2324	0.2493	0.2676	0.2877	0.3095	0.3333	0.3592	0.3872	0.4177	0.4506	0.4862	0.5245	0.5657	0.6098	0.6567	0.7056	0.7564	0.8092	0.8639	0.9212
2004	0.0799	0.0852	0.0910	0.0972	0.1039	0.1113	0.1193	0.1281	0.1377	0.1481	0.1595	0.1719	0.1853	0.1999	0.2157	0.2327	0.2510	0.2708	0.2918	0.3143	0.3377	0.3620	0.3873	0.4135	0.4409
2005	0.1196	0.1276	0.1362	0.1455	0.1555	0.1665	0.1786	0.1918	0.2061	0.2218	0.2388	0.2573	0.2774	0.2993	0.3229	0.3484	0.3758	0.4053	0.4369	0.4705	0.5055	0.5420	0.5797	0.6190	0.6600
2006	0.0937	0.0999	0.1067	0.1139	0.1218	0.1304	0.1399	0.1502	0.1614	0.1737	0.1870	0.2015	0.2173	0.2344	0.2529	0.2728	0.2944	0.3175	0.3422	0.3685	0.3959	0.4245	0.4541	0.4848	0.5169
2007	0.1786	0.1905	0.2034	0.2172	0.2322	0.2487	0.2667	0.2863	0.3077	0.3311	0.3566	0.3842	0.4143	0.4468	0.4821	0.5201	0.5611	0.6052	0.6523	0.7025	0.7548	0.8092	0.8656	0.9242	0.9855
2008	0.0742	0.0791	0.0845	0.0902	0.0965	0.1033	0.1108	0.1189	0.1278	0.1375	0.1481	0.1596	0.1721	0.1856	0.2002	0.2160	0.2331	0.2514	0.2709	0.2918	0.3135	0.3361	0.3595	0.3839	0.4093
2009	0.0893	0.0952	0.1016	0.1086	0.1161	0.1243	0.1333	0.1431	0.1538	0.1655	0.1782	0.1920	0.2070	0.2233	0.2409	0.2600	0.2805	0.3025	0.3260	0.3511	0.3772	0.4044	0.4326	0.4619	0.4925
2010	0.0424	0.0452	0.0482	0.0515	0.0551	0.0590	0.0633	0.0679	0.0730	0.0786	0.0846	0.0912	0.0983	0.1060	0.1144	0.1234	0.1331	0.1436	0.1548	0.1667	0.1791	0.1920	0.2054	0.2193	0.2338
2011	0.0926	0.0987	0.1054	0.1126	0.1203	0.1289	0.1382	0.1484	0.1595	0.1716	0.1848	0.1991	0.2147	0.2316	0.2498	0.2695	0.2908	0.3136	0.3380	0.3640	0.3911	0.4193	0.4486	0.4789	0.5107
2012	0.0745	0.0795	0.0849	0.0906	0.0969	0.1037	0.1113	0.1195	0.1284	0.1381	0.1488	0.1603	0.1728	0.1864	0.2011	0.2170	0.2341	0.2525	0.2722	0.2931	0.3149	0.3376	0.3612	0.3856	0.4112
2013	0.1522	0.1623	0.1732	0.1850	0.1978	0.2118	0.2271	0.2439	0.2621	0.2820	0.3037	0.3273	0.3528	0.3806	0.4106	0.4430	0.4779	0.5155	0.5556	0.5983	0.6429	0.6892	0.7373	0.7872	0.8394
2014	0.1663	0.1773	0.1893	0.2022	0.2162	0.2314	0.2482	0.2665	0.2864	0.3082	0.3319	0.3576	0.3856	0.4159	0.4487	0.4841	0.5223	0.5633	0.6071	0.6538	0.7025	0.7532	0.8057	0.8602	0.9172
2015	0.1293	0.1380	0.1473	0.1573	0.1682	0.1801	0.1931	0.2073	0.2228	0.2398	0.2582	0.2782	0.3000	0.3235	0.3491	0.3766	0.4063	0.4382	0.4723	0.5086	0.5465	0.5859	0.6268	0.6692	0.7136
2016	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	0.3723	0.4017	0.4332	0.4670	0.5029	0.5403	0.5793	0.6197	0.6616	0.7055
2017	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	0.2713	0.2927	0.3157	0.3403	0.3665	0.3938	0.4222	0.4516	0.4821	0.5141

**II. Prospective Open Accepted Claim Counts (b)**

1989	0.43	0.38	0.33	0.29	0.25	0.21	0.17	0.14	0.11	0.09	0.07	0.05	0.04	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
1991	1.04	0.96	0.89	0.81	0.74	0.67	0.60	0.54	0.47	0.41	0.36	0.31	0.26	0.21	0.18	0.14	0.11	0.09	0.06	0.05	0.03	0.02	0.02	0.01	0.01
1992	2.20	2.04	1.87	1.71	1.56	1.40	1.26	1.12	0.98	0.85	0.73	0.62	0.52	0.43	0.35	0.28	0.22	0.17	0.12	0.09	0.06	0.04	0.03	0.02	0.01
1993	1.32	1.20	1.07	0.96	0.85	0.74	0.64	0.55	0.47	0.39	0.32	0.26	0.21	0.16	0.12	0.09	0.07	0.05	0.03	0.02	0.01	0.01	0.00	0.00	0.00
1994	1.20	1.12	1.05	0.97	0.90	0.82	0.75	0.68	0.61	0.54	0.48	0.42	0.36	0.31	0.26	0.21	0.14	0.11	0.08	0.06	0.05	0.03	0.02	0.02	0.02
1995	1.27	1.18	1.09	1.00	0.91	0.83	0.75	0.67	0.59	0.52	0.45	0.38	0.32	0.27	0.22	0.18	0.14	0.11	0.08	0.06	0.04	0.03	0.02	0.01	0.01
1996	0.33	0.28	0.24	0.20	0.16	0.13	0.10	0.08	0.06	0.05	0.03	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	2.08	1.93	1.79	1.65	1.51	1.37	1.24	1.11	0.99	0.87	0.76	0.65	0.55	0.46	0.38	0.31	0.25	0.19	0.15	0.11	0.08	0.06	0.04	0.03	0.02
1998	2.08	1.91	1.73	1.57	1.41	1.25	1.10	0.96	0.83	0.71	0.60	0.50	0.41	0.33	0.26	0.20	0.15	0.11	0.08	0.05	0.04	0.02	0.01	0.01	0.00
1999	0.24	0.21	0.18	0.15	0.13	0.11	0.09	0.07	0.06	0.05	0.03	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.15	0.13	0.10	0.08	0.07	0.05	0.04	0.03	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	0.68	0.62	0.56	0.50	0.45	0.40	0.35	0.30	0.26	0.22	0.18	0.15	0.12	0.10	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00
2002	1.48	1.32	1.17	1.02	0.8																				



**Selected Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2017 Cost Level**

Year of Birth	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
<b>I. Accepted Reported Claim Counts - (Open Accepted Claims AAA Only)</b>															
1989	-	3	8	8	10	8	8	8	8	8	7	6	6	6	5
1990	1	3	6	7	7	7	7	7	7	7	7	7	7	7	7
1991	-	1	3	4	4	4	4	4	4	4	4	4	4	4	4
1992	2	3	12	13	13	13	12	12	11	11	11	11	11	11	10
1993	1	3	11	11	11	12	11	11	11	11	11	11	11	10	9
1994	1	2	5	6	6	7	7	5	4	4	4	4	4	4	4
1995	-	1	6	6	6	6	6	5	5	5	5	5	5	5	5
1996	1	3	4	4	6	6	6	6	6	6	6	6	6	6	6
1997	-	7	8	7	8	10	9	9	9	9	9	9	9	9	9
1998	1	7	8	12	12	12	12	12	12	12	12	12	12	12	12
1999	2	3	4	7	8	8	8	7	7	7	7	7	6	6	5
2000	1	4	5	5	5	5	5	5	5	5	5	5	5	5	5
2001	-	1	2	2	3	4	4	4	4	4	4	4	4	4	4
2002	1	4	9	12	12	15	15	15	15	15	15	15	14	14	13
2003	-	-	1	3	3	3	3	3	3	3	3	3	3	3	3
2004	1	3	3	4	3	5	5	5	5	5	5	5	5	5	5
2005	-	3	6	10	10	10	10	9	9	7	7	7	7	7	7
2006	1	3	5	9	10	10	10	10	10	10	10	9	9	9	9
2007	1	2	6	7	8	8	8	8	8	8	7	7	7	7	7
2008	-	3	8	9	9	10	10	10	10	10	10	10	10	10	10
2009	1	5	8	9	9	10	10	10	10	10	10	10	10	10	10
2010	-	2	6	6	6	6	5	5	5	5	5	5	5	5	5
2011	1	6	8	11	10	10	10	10	10	10	10	10	10	10	10
2012	2	2	4	7	7	7	7	7	7	7	7	7	7	7	7
2013	2	3	7	7	8	8	8	8	8	8	8	8	8	8	8
2014	2	6	12	12	12	12	12	12	12	12	12	12	12	12	12
2015	-	3	9	9	9	9	9	9	9	9	9	9	9	9	9
2016	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals:															
Latest 3	-	11	28	26	25	23	25	25	28	28	24	21	15	22	20
Latest 5	4	16	40	43	40	43	43	43	47	40	32	39	33	31	30
Latest 10	8	34	73	87	80	79	86	79	79	74	75	76	71	69	66
All	22	88	174	198	194	196	185	170	163	151	139	130	119	111	101
Cumulative	2,771	2,749	2,661	2,487	2,289	2,095	1,899	1,714	1,544	1,381	1,230	1,091	961	842	731

**II. Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2017 Cost Level (a)**

1989		265,354	74,529	124,079	142,701	84,018	75,995	96,096	63,219	67,541	296,741	54,938	76,477	98,460	
1990	174,764	84,189	70,573	48,128	17,698	51,749	12,984	20,187	16,789	15,629	14,157	21,771	46,067	51,744	
1991	316,372	39,187	29,572	153,481	94,003	19,914	29,208	11,430	28,881	33,765	41,630	36,459	42,620	41,969	
1992	1,908	59,906	67,162	85,005	77,489	34,869	33,269	29,800	25,626	27,309	28,003	38,557	44,891	34,780	36,674
1993	2,380	53,295	75,305	95,279	91,566	83,939	115,331	96,352	92,944	95,447	92,004	73,165	99,326	108,137	91,346
1994	150,105	317,632	176,498	83,179	79,559	148,515	52,808	88,096	85,024	20,421	36,559	198,009	20,792	22,649	42,585
1995	170,964	117,916	114,890	20,611	16,533	37,824	18,227	51,539	52,814	175,437	68,141	79,766	109,228	17,508	
1996	2,263	155,625	171,597	124,891	90,304	115,304	129,186	62,127	68,171	59,997	68,077	68,268	60,293	67,928	75,812
1997	73,409	88,477	36,590	74,366	88,124	66,433	41,991	46,944	37,002	54,438	65,495	74,724	80,662	71,497	
1998	670	118,326	135,440	78,141	67,320	43,172	127,882	68,615	71,869	62,823	72,062	81,445	87,556	93,092	92,833
1999	217,437	289,673	57,084	68,821	123,462	84,586	69,153	91,257	176,913	108,922	97,060	111,775	139,410	94,909	135,127
2000	247,362	205,735	100,434	146,535	73,101	53,821	38,697	40,856	39,787	35,117	65,105	49,204	51,057	64,380	62,182
2001	464,565	315,960	369,526	126,494	181,028	238,574	107,392	67,564	76,561	87,996	84,183	119,375	114,808	141,060	
2002	6,361	122,290	119,824	78,949	86,100	46,827	107,682	67,796	71,867	60,162	67,167	83,624	87,033	81,728	85,024
2003	131,151	41,844	88,221	261,885	63,841	54,935	94,184	100,296	87,913	117,163	167,833	133,390	119,280		
2004	105	103,560	271,018	151,124	103,802	101,767	88,693	82,577	45,475	62,897	72,148	63,699	56,996	58,954	
2005	7,054	127,212	100,917	63,833	114,909	78,431	82,452	54,474	69,580	62,700	68,219	72,798			
2006	106,208	75,155	81,633	98,604	176,232	99,518	72,872	65,710	61,515	66,098	88,894				
2007	136,058	202,000	77,515	184,848	140,764	111,752	141,912	109,252	118,107	119,274	128,027				
2008	101,220	82,256	56,564	69,355	34,817	58,827	64,617	71,987	77,385						
2009	121,129	107,476	117,096	103,555	79,980	55,823	54,538	93,174	129,485						
2010	403,651	52,749	104,825	41,926	30,370	42,519	43,498								
2011	11,652	28,691	89,255	63,113	78,358	78,903	67,708								
2012	8,540	41,324	203,553	108,104	59,728	37,547									
2013	58,480	257,255	126,491	97,310	91,188										
2014	59,459	90,322	93,295	97,979											
2015	122,537	108,989													
2016	190,239														
2017															
Averages:															
Latest 3	117,275	106,638	100,525	77,247	53,656	57,402	71,816	105,699	83,685	83,169	76,004	86,538	83,597	101,369	
Latest 5	62,873	134,027	112,853	91,554	72,564	49,779	73,456	79,026	87,382	78,618	81,892	82,101	90,728	84,525	100,464
Latest 10	65,366	128,498	99,538	96,732	82,358	91,651	83,585	78,030	78,026	75,572	77,996	80,709	86,912	86,761	83,093
All	88,157	133,860	114,150	92,374	84,387	81,351	82,029	66,743	73,339	62,742	70,567	84,240	74,512	76,512	76,192
Cumulative	84,735	84,708	83,082	80,909	79,917	79,503	79,312	79,019	80,371	81,201	83,467	85,110	85,228	86,742	88,296
<b>Selected</b>	<b>128,498</b>	<b>99,538</b>	<b>96,732</b>	<b>82,358</b>	<b>91,651</b>	<b>83,585</b>	<b>78,030</b>	<b>78,026</b>	<b>75,572</b>	<b>77,996</b>	<b>80,709</b>	<b>86,912</b>	<b>86,761</b>	<b>83,093</b>	

Note (a): Ratio of Item II of Appendix E, Exhibit IV, Sheets 2a and 2b, and Item I shown above.

**Selected Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2017 Cost Level**

Year of Birth	192	204	216	228	240	252	264	276	288	300	312	324	336	348
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**I. Accepted Reported Claim Counts - (Open Accepted Claims AAA Only)**

1989	5	5	5	5	5	5	5	5	5	5	5	5	5	4
1990	6	6	4	4	4	4	4	4	4	3	3	3	3	
1991	4	4	4	4	4	4	4	4	4	4	4	4	4	
1992	10	10	9	9	9	9	9	9	9	9	9	9	9	
1993	9	8	8	8	8	8	8	8	8	8	8	8	8	
1994	4	4	4	4	4	4	4	4	4	4	4	4	4	
1995	5	5	5	5	5	5	5	5	5	5	5	5	5	
1996	6	6	6	6	6	6	6	6	6	6	6	6	6	
1997	9	9	8	8	8	8	8	8	8	8	8	8	8	
1998	12	12	12	12	11									
1999	5	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														
Totals:														
Latest 3	22	13	21	23	25	19	15	17	21	21	16			
Latest 5	39	34	35	34	34	31	32	30	29					
Latest 10	72	67	65	63										
All	97	82	74	68	64	53	45	39	34	29	21	12	8	4
Cumulative	630	533	451	377	309	245	192	147	108	74	45	24	12	4

**II. Average Incremental Payments Per Open Accepted Claim (AAA Only) - 2017 Cost Level (a)**

1989	97,083	93,662	100,034	88,669	51,734	53,769	56,856	82,931	83,550	116,505	123,605	127,960	115,260	89,785
1990	63,853	55,943	51,567	31,790	30,309	29,990	39,321	37,212	49,146	117,423	69,487	62,518	64,541	
1991	45,447	72,109	159,746	122,513	134,225	124,206	247,342	107,229	135,432	139,667	125,760	135,758		
1992	43,547	47,654	59,955	63,813	87,402	61,365	93,512	99,036	96,209	94,757	102,871			
1993	85,366	91,065	93,262	100,562	105,965	126,188	127,102	111,062	112,490	98,706				
1994	42,086	36,641	45,358	37,608	55,216	67,169	62,803	60,244	61,425					
1995	200,230	158,808	66,970	123,895	122,791	134,810	122,231	144,572						
1996	80,651	58,055	58,909	75,435	64,151	63,446	78,576							
1997	116,624	66,265	69,347	73,571	72,244	65,676								
1998	108,688	110,480	106,862	110,363	119,427									
1999	124,122	136,022	125,607	148,760										
2000	53,838	56,759	63,368											
2001	112,992	109,210												
2002	70,597													
2003														
2004														
2005														
2006														
2007														
2008														
2009														
2010														
2011														
2012														
2013														
2014														
2015														
2016														
2017														
Averages:														
Latest 3	74,496	97,286	100,077	102,574	91,062	83,165	88,921	108,961	95,786	104,816	102,334			
Latest 5	91,379	93,732	85,996	100,920	91,511	92,204	99,758	105,752	94,821					
Latest 10	97,710	84,789	83,858	88,536										
All	87,844	82,601	83,206	88,545	88,477	81,061	102,737	95,797	93,164	108,136	107,398	114,199	96,240	89,785
Cumulative	90,236	90,672	92,139	93,892	95,069	96,791	101,133	100,642	102,392	106,632	105,662	104,144	94,089	89,785
<b>Selected</b>	<b>97,710</b>	<b>84,789</b>	<b>83,858</b>	<b>88,536</b>	<b>95,069</b>	<b>96,791</b>	<b>101,133</b>	<b>100,642</b>	<b>102,392</b>	<b>106,632</b>	<b>105,662</b>	<b>104,144</b>	<b>110,000</b>	<b>110,000</b>

Note (a): Ratio of Item II of Appendix E, Exhibit IV, Sheets 2a and 2b, and Item I shown above.



**2017 Level Incremental Payments**

Year of Birth	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
<b>I. Adjustment Factors to 2017 Level (a)</b>															
1989	1.502	1.476	1.455	1.434	1.411	1.393	1.379	1.364	1.352	1.339	1.327	1.314	1.300	1.285	1.272
1990	1.476	1.455	1.434	1.411	1.393	1.379	1.364	1.352	1.339	1.327	1.314	1.300	1.285	1.272	1.254
1991	1.455	1.434	1.411	1.393	1.379	1.364	1.352	1.339	1.327	1.314	1.300	1.285	1.272	1.254	1.237
1992	1.434	1.411	1.393	1.379	1.364	1.352	1.339	1.327	1.314	1.300	1.285	1.272	1.254	1.237	1.225
1993	1.411	1.393	1.379	1.364	1.352	1.339	1.327	1.314	1.300	1.285	1.272	1.254	1.237	1.225	1.209
1994	1.393	1.379	1.364	1.352	1.339	1.327	1.314	1.300	1.285	1.272	1.254	1.237	1.225	1.209	1.135
1995	1.379	1.364	1.352	1.339	1.327	1.314	1.300	1.285	1.272	1.254	1.237	1.225	1.209	1.135	1.055
1996	1.364	1.352	1.339	1.327	1.314	1.300	1.285	1.272	1.254	1.237	1.225	1.209	1.135	1.055	1.047
1997	1.352	1.339	1.327	1.314	1.300	1.285	1.272	1.254	1.237	1.225	1.209	1.135	1.055	1.047	1.036
1998	1.339	1.327	1.314	1.300	1.285	1.272	1.254	1.237	1.225	1.209	1.135	1.055	1.047	1.036	1.028
1999	1.327	1.314	1.300	1.285	1.272	1.254	1.237	1.225	1.209	1.135	1.055	1.047	1.036	1.028	1.022
2000	1.314	1.300	1.285	1.272	1.254	1.237	1.225	1.209	1.135	1.055	1.047	1.036	1.028	1.022	1.017
2001	1.300	1.285	1.272	1.254	1.237	1.225	1.209	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013
2002	1.285	1.272	1.254	1.237	1.225	1.209	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006
2003	1.272	1.254	1.237	1.225	1.209	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000
2004	1.254	1.237	1.225	1.209	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000	
2005	1.237	1.225	1.209	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000		
2006	1.225	1.209	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000			
2007	1.209	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000				
2008	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000					
2009	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000						
2010	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000							
2011	1.036	1.028	1.022	1.017	1.013	1.006	1.000								
2012	1.028	1.022	1.017	1.013	1.006	1.000									
2013	1.022	1.017	1.013	1.006	1.000										
2014	1.017	1.013	1.006	1.000											
2015	1.013	1.006	1.000												
2016	1.006	1.000													
2017	1.000														

**II. Incremental Payments - 2017 Level (b)**

1989			2,122,830	596,235	1,240,790	1,141,607	672,141	607,961	768,767	505,749	472,784	1,780,447	329,629	458,860	492,298
1990		524,291	505,137	494,009	336,893	123,888	362,246	90,891	141,310	117,520	109,402	99,096	152,399	322,471	362,211
1991	0	316,372	117,561	118,287	613,925	376,011	79,656	116,831	45,721	115,523	135,060	166,518	145,834	170,482	167,874
1992	3,815	179,719	805,946	1,105,063	1,007,359	453,294	399,229	357,601	281,887	300,397	308,029	424,129	493,797	382,579	366,743
1993	2,380	159,884	828,360	1,048,072	1,007,227	1,007,269	1,268,636	1,059,875	1,022,389	1,049,918	1,012,042	804,818	1,092,590	1,081,366	822,110
1994	150,105	635,265	882,491	499,077	477,354	1,039,606	369,656	440,479	340,096	81,685	146,236	792,037	83,166	90,596	170,339
1995	1,413	170,964	707,499	689,338	123,666	99,199	226,942	91,137	257,694	264,069	877,187	340,704	398,832	546,138	87,538
1996	2,263	466,876	686,389	499,563	541,826	691,823	775,115	372,762	409,024	359,980	408,464	409,608	361,761	407,570	454,873
1997	7,169	513,863	707,817	256,132	594,928	881,241	597,896	377,916	422,499	333,014	489,941	589,459	672,514	725,957	643,473
1998	670	828,281	1,083,518	937,694	807,842	518,061	1,534,579	823,375	862,426	753,871	864,742	977,335	1,050,671	1,117,109	1,114,002
1999	434,873	869,018	228,336	481,749	987,696	676,691	553,222	638,797	1,238,394	762,453	679,420	782,424	836,459	569,456	675,637
2000	247,362	822,941	502,169	732,674	365,506	269,103	193,485	204,281	198,935	175,583	325,526	246,018	255,287	321,900	310,908
2001	147,437	464,565	631,921	739,051	379,482	724,114	954,295	429,567	270,255	306,244	351,982	336,730	477,499	459,232	564,240
2002	6,361	489,158	1,078,419	947,388	1,033,203	702,411	1,615,232	1,016,939	1,078,009	902,437	1,007,507	1,254,364	1,218,468	1,144,199	1,105,307
2003	276,503	319,049	131,151	125,533	264,663	785,654	191,522	164,804	282,553	300,888	263,738	351,490	503,499	400,171	357,839
2004	105	310,680	813,055	604,495	311,407	508,836	443,464	412,887	227,374	314,484	360,741	318,496	284,982	294,771	
2005	0	21,162	763,274	1,009,172	638,333	1,149,087	784,315	742,066	490,267	487,061	438,899	477,532	509,584		
2006	0	318,625	375,777	734,696	986,044	1,762,325	995,176	728,718	657,102	615,147	660,975	800,050			
2007	136,058	404,000	465,091	1,293,937	1,126,113	894,018	1,135,293	874,012	944,853	954,195	896,187				
2008	0	303,661	658,045	509,074	624,196	348,169	588,275	646,173	719,868	773,849					
2009	121,129	537,379	936,770	931,992	719,816	558,232	545,375	931,745	1,294,849						
2010	121,577	807,303	316,493	628,948	251,555	182,220	212,597	217,490							
2011	11,652	172,148	714,037	694,241	783,580	789,030	677,085								
2012	17,079	82,648	814,210	756,729	418,098	262,828									
2013	116,959	771,764	885,435	681,171	729,505										
2014	118,918	541,932	1,119,541	1,175,752											
2015	0	367,612	980,900												
2016	10,386	380,477													
2017	5,229														
<b>Totals:</b>															
Latest 3	15,615	1,290,021	2,985,877	2,613,651	1,931,183	1,234,078	1,435,056	1,795,407	2,959,570	2,343,190	1,996,061	1,596,078	1,298,065	1,839,141	2,027,387
Latest 5	251,492	2,144,433	4,514,124	3,936,841	2,902,554	2,140,479	3,158,624	3,398,138	4,106,939	3,144,735	2,620,541	3,201,932	2,994,032	2,620,274	3,013,931
Latest 10	522,930	4,368,923	7,266,300	8,415,711	6,588,646	7,240,399	7,188,332	6,164,400	6,164,066	5,592,339	5,849,717	6,133,897	6,170,723	5,986,503	5,484,155
All	1,939,445	11,779,638	19,862,171	18,290,071	16,371,007	15,944,716	15,175,430	11,346,307	11,954,275	9,474,066	9,808,861	10,951,255	8,866,970	8,492,857	7,695,391
Cumulative	234,801,251	232,861,806	221,082,168	201,219,997	182,929,926	166,558,919	150,614,204	135,438,774	124,092,466	112,138,192	102,664,126	92,855,265	81,904,010	73,037,039	64,544,182

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

(b) The product of Item I shown above and Item II of Appendix E, Exhibit IV, Sheets 3a and 3b.

**2017 Level Incremental Payments**

Year of Birth	192	204	216	228	240	252	264	276	288	300	312	324	336	348
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**I. Adjustment Factors to 2017 Level (a)**

1989	1.254	1.237	1.225	1.209	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000
1990	1.237	1.225	1.209	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000	
1991	1.225	1.209	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000		
1992	1.209	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000			
1993	1.135	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000				
1994	1.055	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000					
1995	1.047	1.036	1.028	1.022	1.017	1.013	1.006	1.000						
1996	1.036	1.028	1.022	1.017	1.013	1.006	1.000							
1997	1.028	1.022	1.017	1.013	1.006	1.000								
1998	1.022	1.017	1.013	1.006	1.000									
1999	1.017	1.013	1.006	1.000										
2000	1.013	1.006	1.000											
2001	1.006	1.000												
2002	1.000													
2003														
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2014														
2015														
2016														
2017														

**II. Incremental Payments - 2017 Level (b)**

1989	485,417	468,312	500,172	443,343	258,668	268,846	284,278	414,657	417,750	582,523	618,025	639,800	576,298	359,140
1990	383,116	335,657	206,270	127,159	121,234	119,958	157,286	148,848	196,582	352,270	208,461	187,553	193,624	
1991	181,788	288,435	638,985	490,052	536,900	496,824	989,367	428,916	541,729	558,670	503,041	543,030		
1992	435,466	476,537	539,594	574,321	786,622	552,285	841,610	891,321	865,877	852,816	925,839			
1993	768,293	728,522	746,092	804,494	847,722	1,009,505	1,016,820	888,496	899,924	789,652				
1994	168,343	146,566	181,432	150,431	220,863	268,674	251,211	240,977	245,700					
1995	1,001,148	794,039	334,850	619,474	613,957	674,049	611,156	722,858						
1996	483,908	348,331	353,457	452,611	384,904	380,676	471,454							
1997	1,049,617	596,389	554,779	588,570	577,950	525,410								
1998	1,304,253	1,325,766	1,282,344	1,324,358	1,313,700									
1999	620,609	544,087	502,428	446,281										
2000	269,188	283,797	316,839											
2001	451,966	436,839												
2002	917,760													
2003														
2004														
2005														
2006														
2007														
2008														
2009														
2010														
2011														
2012														
2013														
2014														
2015														
2016														
2017														
Totals:														
Latest 3	1,638,914	1,264,723	2,101,612	2,359,208	2,276,554	1,580,134	1,333,822	1,852,331	2,011,501	2,201,137	1,637,340			
Latest 5	3,563,776	3,186,877	3,009,848	3,431,293	3,111,375	2,858,314	3,192,252	3,172,568	2,749,812					
Latest 10	7,035,084	5,680,872	5,450,801	5,577,749										
All	8,520,872	6,773,276	6,157,243	6,021,092	5,662,521	4,296,227	4,623,183	3,736,073	3,167,562	3,135,930	2,255,366	1,370,384	769,922	359,140
Cumulative	56,848,791	48,327,919	41,554,643	35,397,400	29,376,308	23,713,787	19,417,560	14,794,377	11,058,304	7,890,742	4,754,812	2,499,446	1,129,062	359,140

Notes: (a) See Appendix E, Exhibit II, Sheet 3, Column (3).  
 (b) The product of Item I shown above and Item II of Appendix E, Exhibit IV, Sheets 3a and 3b.

**Actual Incremental Payments**

Year of Birth	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
<b>I. Paid Loss &amp; ALAE - Actual (a)</b>															
1989			1,459,361	1,875,224	2,754,669	3,574,316	4,061,729	4,507,406	5,076,086	5,453,656	5,810,026	7,165,178	7,418,692	7,775,894	8,162,902
1990		360,429	712,753	1,062,896	1,304,777	1,394,616	1,660,167	1,727,402	1,832,898	1,921,481	2,004,750	2,080,964	2,199,600	2,453,103	2,741,877
1991	0	220,664	303,989	388,916	834,113	1,109,755	1,168,679	1,255,900	1,290,363	1,378,291	1,482,164	1,611,791	1,726,435	1,862,352	1,998,074
1992	2,661	130,042	708,692	1,510,045	2,248,508	2,583,823	2,881,870	3,151,419	3,365,972	3,597,004	3,836,791	4,170,210	4,563,891	4,873,197	5,172,624
1993	1,687	116,480	717,178	1,485,486	2,230,562	2,982,545	3,938,804	4,745,507	5,531,816	6,349,131	7,144,723	7,786,367	8,669,699	9,552,579	10,232,667
1994	107,772	568,444	1,215,370	1,584,552	1,940,924	2,724,547	3,005,903	3,344,671	3,609,421	3,673,636	3,790,223	4,430,565	4,498,466	4,573,411	4,723,477
1995	1,025	126,353	649,711	1,164,341	1,257,557	1,333,060	1,507,599	1,578,545	1,781,125	1,991,655	2,700,839	2,979,006	3,308,939	3,790,079	3,873,071
1996	1,659	347,021	859,449	1,236,004	1,648,404	2,180,478	2,783,871	3,076,909	3,403,005	3,694,040	4,027,530	4,366,377	4,685,083	5,071,490	5,506,117
1997	5,303	388,931	922,462	1,117,412	1,574,965	2,260,972	2,730,993	3,032,288	3,373,868	3,645,757	4,051,059	4,570,364	5,207,959	5,901,603	6,522,569
1998	500	624,833	1,449,531	2,170,702	2,799,571	3,206,832	4,430,280	5,095,958	5,800,085	6,423,723	7,185,548	8,112,136	9,116,042	10,194,077	11,277,495
1999	327,794	989,230	1,164,841	1,539,861	2,316,314	2,855,808	3,303,074	3,824,619	4,849,077	5,520,787	6,164,930	6,912,528	7,719,729	8,273,551	8,934,368
2000	188,275	821,191	1,212,107	1,788,081	2,079,482	2,297,045	2,455,016	2,624,007	2,799,266	2,965,732	3,276,769	3,514,181	3,762,460	4,077,300	4,383,068
2001	113,392	475,035	971,804	1,561,015	1,867,817	2,459,019	3,248,457	3,626,899	3,883,121	4,175,734	4,515,405	4,842,890	5,309,915	5,761,556	6,318,667
2002	4,952	389,492	1,249,265	2,015,205	2,858,762	3,439,830	4,862,826	5,826,962	6,856,989	7,727,861	8,707,708	9,934,558	11,132,883	12,262,626	13,361,478
2003	217,366	471,729	577,761	680,252	899,194	1,591,344	1,772,921	1,930,389	2,203,061	2,495,687	2,753,640	3,099,320	3,596,458	3,994,291	4,352,130
2004	84	251,261	915,079	1,415,146	1,689,491	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	
2005	0	17,278	648,694	1,537,760	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		
2006	0	263,582	594,636	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			
2007	112,554	468,472	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				
2008	0	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					
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						
2010	116,166	895,231	1,203,035	1,818,188	2,065,585	2,245,502	2,456,858	2,674,347							
2011	11,245	178,666	877,041	1,559,805	2,333,485	3,117,907	3,794,991								
2012	16,611	97,446	898,196	1,645,365	2,061,021	2,323,849									
2013	114,394	873,399	1,747,648	2,424,840	3,154,345										
2014	116,952	652,037	1,765,040	2,940,791											
2015	0	365,465	1,346,365												
2016	10,326	390,803													
2017	5,229														

**II. Actual Incremental Payments**

1989			1,459,361	415,863	879,445	819,647	487,413	445,677	568,680	377,570	356,370	1,355,152	253,514	357,202	387,008
1990		360,429	352,324	350,143	241,881	89,839	265,551	67,235	105,496	88,583	83,269	76,214	118,636	253,503	288,774
1991	0	220,664	83,325	84,927	445,197	275,642	58,924	87,221	34,463	87,928	103,873	129,627	114,644	135,917	135,722
1992	2,661	127,381	578,650	801,353	738,463	335,315	298,047	269,549	214,553	231,032	239,787	333,419	393,681	309,306	299,427
1993	1,687	114,793	600,698	768,308	745,076	751,983	956,259	806,703	786,309	817,315	795,592	641,644	883,332	882,880	680,088
1994	107,772	460,672	646,926	369,182	356,372	783,623	281,356	338,768	264,750	64,215	116,587	640,342	67,901	74,945	150,066
1995	1,025	125,328	523,358	514,630	93,216	75,503	174,539	70,946	202,580	210,530	709,184	278,167	329,933	481,140	82,992
1996	1,659	345,362	512,428	376,555	412,400	532,074	603,393	293,038	326,096	291,035	333,490	338,847	318,706	386,407	434,627
1997	5,303	383,628	533,531	194,950	457,553	686,007	470,021	301,295	341,580	271,889	405,302	519,305	637,595	693,644	620,966
1998	500	624,333	824,698	721,171	628,869	407,261	1,223,448	665,678	704,127	623,638	761,825	926,588	1,003,906	1,078,035	1,083,418
1999	327,794	661,436	175,611	375,020	776,453	539,494	447,266	521,545	1,024,458	671,710	644,143	747,598	807,201	553,822	660,817
2000	188,275	632,916	390,916	575,974	291,401	217,563	157,971	168,991	175,259	166,466	311,037	237,413	248,279	314,840	305,768
2001	113,392	361,643	496,769	589,211	306,802	591,202	789,438	378,442	256,222	292,613	339,671	327,486	467,025	451,640	557,112
2002	4,952	384,540	859,773	765,940	843,557	581,068	1,422,996	964,136	1,030,027	870,872	979,846	1,226,851	1,198,325	1,129,743	1,098,852
2003	217,366	254,363	106,032	102,491	218,942	692,150	181,577	157,468	272,670	292,628	257,953	345,679	497,138	397,833	357,839
2004	84	251,177	663,818	500,067	274,345	482,415	423,726	398,445	221,132	307,586	354,778	314,472	283,317	294,771	
2005	0	17,278	631,416	889,066	605,189	1,097,941	756,882	721,693	479,513	479,009	433,354	474,743	509,584		
2006	0	263,582	331,054	696,548	942,155	1,700,683	967,855	712,734	646,239	607,375	657,115	800,050			
2007	112,554	355,918	440,942	1,236,343	1,086,724	869,474	1,110,391	859,564	932,916	948,622	896,187				
2008	0	287,894	628,756	491,268	607,059	340,533	578,550	638,009	715,663	773,849					
2009	114,839	513,460	904,004	906,405	704,027	549,003	538,485	926,303	1,294,849						
2010	116,166	779,065	307,804	615,153	247,397	179,918	211,355	217,490							
2011	11,245	167,421	698,375	682,764	773,680	784,422	677,085								
2012	16,611	80,835	800,750	747,168	415,656	262,828									
2013	114,394	759,005	874,249	677,192	729,505										
2014	116,952	535,085	1,113,003	1,175,752											
2015	0	365,465	980,900												
2016	10,326	380,477													
2017	5,229														
Totals:															
Latest 3	15,554	1,281,027	2,968,152	2,600,112	1,918,841	1,227,167	1,426,925	1,781,802	2,943,428	2,329,846	1,986,656	1,589,265	1,290,039	1,822,348	2,013,802
Latest 5	246,900	2,120,868	4,467,277	3,898,030	2,870,265	2,116,703	3,115,865	3,354,099	4,069,181	3,116,441	2,599,387	3,161,795	2,955,389	2,588,828	2,980,387
Latest 10	505,760	4,224,627	7,079,836	8,117,660	6,385,737	6,959,367	6,868,900	5,974,284	6,024,491	5,410,729	5,635,908	5,920,184	5,971,076	5,781,878	5,352,456
All	1,590,784	9,814,152	16,519,470	15,623,445	13,821,364	13,645,588	13,082,526	10,010,930	10,597,583	8,474,464	8,779,362	9,713,596	8,132,171	7,795,631	7,143,475

Note: (a) See Exhibit IX, Sheets 4a, 4b and 4c.

**Actual Incremental Payments**

Year of Birth	192	204	216	228	240	252	264	276	288	300	312	324	336	348
<b>I. Paid Loss &amp; ALAE - Actual (a)</b>														
1989	8,549,902	8,928,521	9,336,886	9,703,640	9,931,523	10,186,409	10,458,034	10,858,188	11,264,469	11,834,215	12,442,023	13,073,741	13,646,673	14,005,813
1990	3,051,617	3,325,664	3,496,300	3,608,325	3,723,264	3,837,883	3,989,667	4,134,429	4,326,699	4,673,146	4,878,973	5,065,431	5,259,055	
1991	2,146,495	2,385,102	2,948,039	3,412,646	3,925,649	4,405,095	5,367,300	5,786,808	6,319,582	6,871,193	7,371,296	7,914,327		
1992	5,532,862	5,952,684	6,464,261	7,013,018	7,772,126	8,309,249	9,132,399	10,008,985	10,863,922	11,711,757	12,637,596			
1993	10,909,522	11,600,217	12,313,100	13,089,455	13,913,903	14,901,266	15,901,276	16,778,547	17,673,214	18,462,866				
1994	4,883,079	5,023,121	5,198,208	5,344,508	5,560,527	5,824,760	6,072,798	6,312,367	6,558,068					
1995	4,829,658	5,595,923	5,921,580	6,527,466	7,131,274	7,796,807	8,404,394	9,127,251						
1996	5,973,099	6,311,867	6,657,571	7,102,700	7,482,740	7,861,193	8,332,647							
1997	7,543,370	8,126,677	8,672,285	9,253,418	9,827,993	10,353,402								
1998	12,553,140	13,856,989	15,123,133	16,439,756	17,753,456									
1999	9,544,718	10,081,931	10,581,425	11,027,705										
2000	4,648,855	4,930,995	5,247,834											
2001	6,767,994	7,204,833												
2002	14,279,238													
2003														
2004														
2005														
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2010														
2011														
2012														
2013														
2014														
2015														
2016														
2017														
<b>II. Actual Incremental Payments</b>														
1989	387,000	378,619	408,365	366,754	227,883	254,886	271,625	400,154	406,281	569,746	607,809	631,717	572,932	359,140
1990	309,740	274,047	170,636	112,025	114,939	114,619	151,784	144,761	192,270	346,447	205,827	186,458	193,624	
1991	148,421	238,607	562,937	464,607	513,003	479,446	962,205	419,508	532,773	551,612	500,103	543,030		
1992	360,238	419,822	511,577	548,758	759,108	537,123	823,150	876,586	854,937	847,835	925,839			
1993	676,855	690,695	712,883	776,355	824,448	987,362	1,000,010	877,271	894,668	789,652				
1994	159,602	140,042	175,086	146,301	216,019	264,233	248,038	239,570	245,700					
1995	956,586	766,265	325,657	605,886	603,808	665,534	607,587	722,858						
1996	466,982	338,768	345,704	445,129	380,041	378,452	471,454							
1997	1,020,800	583,307	545,608	581,134	574,575	525,410								
1998	1,275,645	1,303,849	1,266,144	1,316,623	1,313,700									
1999	610,350	537,213	499,494	446,281										
2000	265,787	282,140	316,839											
2001	449,326	436,839												
2002	917,760													
2003														
2004														
2005														
2006														
2007														
2008														
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2010														
2011														
2012														
2013														
2014														
2015														
2016														
2017														
Totals:														
Latest 3	1,632,873	1,256,192	2,082,476	2,344,037	2,268,316	1,569,395	1,327,079	1,839,698	1,995,305	2,189,098	1,631,768			
Latest 5	3,518,868	3,143,348	2,973,788	3,395,052	3,088,142	2,820,991	3,150,239	3,135,793	2,720,349					
Latest 10	6,799,694	5,498,940	5,261,928	5,443,097										
All	8,005,093	6,390,213	5,840,929	5,809,851	5,527,523	4,207,065	4,535,853	3,680,708	3,126,630	3,105,290	2,239,577	1,361,205	766,556	359,140

Note: (a) See Exhibit IX, Sheets 4a, 4b and 4c.

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 1989	Adjusted q(x) BY 1990	Adjusted q(x) BY 1991	Adjusted q(x) BY 1992	Adjusted q(x) BY 1993	Adjusted q(x) BY 1994	Adjusted q(x) BY 1995	Adjusted q(x) BY 1996	Adjusted q(x) BY 1997	Adjusted q(x) BY 1998	Adjusted q(x) BY 1999	Adjusted q(x) BY 2000	Adjusted q(x) BY 2001	Adjusted q(x) BY 2002	Adjusted q(x) BY 2003	Adjusted q(x) BY 2004	Adjusted q(x) BY 2005	Adjusted q(x) BY 2006	Adjusted q(x) BY 2007	Adjusted q(x) BY 2008	Adjusted q(x) BY 2009	Adjusted q(x) BY 2010	Adjusted q(x) BY 2011	Adjusted q(x) BY 2012	Adjusted q(x) BY 2013	Adjusted q(x) BY 2014	Adjusted q(x) BY 2015	Adjusted q(x) BY 2016	Adjusted q(x) BY 2017
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
0	0.0192	0.0315	0.0112	0.0113	0.0141	0.0092	0.0102	0.0207	0.0096	0.0115	0.0168	0.0223	0.0113	0.0134	0.0203	0.0095	0.0140	0.0108	0.0202	0.0083	0.0098	0.0046	0.0099	0.0079	0.0159	0.0172	0.0242	0.0323	0.01736
1	0.0196	0.0322	0.0114	0.0115	0.0143	0.0094	0.0104	0.0211	0.0098	0.0117	0.0172	0.0227	0.0115	0.0137	0.0208	0.0097	0.0143	0.0109	0.0205	0.0084	0.0100	0.0047	0.0100	0.0080	0.0161	0.0174	0.0134	0.0239	0.0235
2	0.0201	0.0329	0.0116	0.0118	0.0146	0.0096	0.0106	0.0215	0.0099	0.0119	0.0175	0.0232	0.0118	0.0140	0.0213	0.0100	0.0146	0.0112	0.0209	0.0085	0.0101	0.0047	0.0102	0.0081	0.0163	0.0176	0.0135	0.0132	0.0174
3	0.0205	0.0336	0.0119	0.0120	0.0149	0.0098	0.0108	0.0218	0.0101	0.0121	0.0178	0.0236	0.0120	0.0143	0.0217	0.0102	0.0149	0.0114	0.0213	0.0087	0.0102	0.0048	0.0103	0.0082	0.0165	0.0178	0.0137	0.0133	0.0096
4	0.0210	0.0344	0.0122	0.0123	0.0152	0.0099	0.0110	0.0222	0.0103	0.0123	0.0181	0.0240	0.0122	0.0145	0.0221	0.0104	0.0152	0.0117	0.0218	0.0088	0.0104	0.0049	0.0105	0.0083	0.0167	0.0180	0.0138	0.0135	0.0097
5	0.0214	0.0351	0.0124	0.0125	0.0155	0.0101	0.0112	0.0227	0.0105	0.0126	0.0185	0.0245	0.0124	0.0148	0.0225	0.0106	0.0156	0.0119	0.0223	0.0090	0.0106	0.0050	0.0106	0.0084	0.0170	0.0183	0.0140	0.0137	0.0098
6	0.0219	0.0359	0.0127	0.0128	0.0158	0.0104	0.0114	0.0231	0.0107	0.0128	0.0188	0.0249	0.0127	0.0151	0.0230	0.0108	0.0159	0.0122	0.0227	0.0092	0.0109	0.0051	0.0108	0.0086	0.0172	0.0185	0.0142	0.0139	0.0100
7	0.0225	0.0368	0.0130	0.0131	0.0162	0.0106	0.0117	0.0236	0.0109	0.0130	0.0191	0.0254	0.0129	0.0154	0.0234	0.0110	0.0161	0.0124	0.0232	0.0094	0.0111	0.0052	0.0110	0.0087	0.0175	0.0188	0.0144	0.0141	0.0101
8	0.0230	0.0376	0.0133	0.0134	0.0166	0.0108	0.0119	0.0241	0.0111	0.0133	0.0195	0.0258	0.0131	0.0156	0.0238	0.0112	0.0164	0.0126	0.0237	0.0096	0.0114	0.0053	0.0113	0.0089	0.0178	0.0191	0.0146	0.0143	0.0102
9	0.0236	0.0385	0.0136	0.0137	0.0169	0.0111	0.0122	0.0246	0.0113	0.0136	0.0199	0.0263	0.0134	0.0159	0.0242	0.0114	0.0168	0.0129	0.0241	0.0098	0.0116	0.0054	0.0115	0.0091	0.0181	0.0194	0.0148	0.0145	0.0104
10	0.0242	0.0395	0.0139	0.0140	0.0173	0.0113	0.0125	0.0252	0.0116	0.0138	0.0203	0.0268	0.0136	0.0162	0.0247	0.0116	0.0171	0.0131	0.0246	0.0100	0.0118	0.0055	0.0118	0.0093	0.0185	0.0198	0.0151	0.0147	0.0105
11	0.0248	0.0405	0.0143	0.0144	0.0177	0.0116	0.0128	0.0257	0.0119	0.0142	0.0207	0.0274	0.0139	0.0165	0.0251	0.0118	0.0174	0.0134	0.0250	0.0102	0.0121	0.0056	0.0120	0.0095	0.0190	0.0203	0.0154	0.0149	0.0107
12	0.0254	0.0415	0.0146	0.0147	0.0182	0.0119	0.0131	0.0263	0.0121	0.0145	0.0212	0.0280	0.0142	0.0168	0.0256	0.0120	0.0177	0.0136	0.0255	0.0104	0.0123	0.0057	0.0123	0.0097	0.0194	0.0207	0.0158	0.0152	0.0109
13	0.0261	0.0426	0.0150	0.0151	0.0186	0.0122	0.0134	0.0269	0.0124	0.0148	0.0216	0.0286	0.0145	0.0172	0.0261	0.0122	0.0180	0.0139	0.0259	0.0106	0.0125	0.0058	0.0125	0.0099	0.0198	0.0212	0.0161	0.0156	0.0111
14	0.0269	0.0438	0.0154	0.0155	0.0191	0.0125	0.0137	0.0276	0.0127	0.0151	0.0221	0.0292	0.0148	0.0175	0.0266	0.0125	0.0183	0.0141	0.0264	0.0108	0.0127	0.0059	0.0127	0.0101	0.0202	0.0216	0.0165	0.0159	0.0114
15	0.0276	0.0450	0.0158	0.0159	0.0196	0.0128	0.0140	0.0282	0.0130	0.0155	0.0226	0.0299	0.0151	0.0179	0.0262	0.0127	0.0187	0.0144	0.0269	0.0110	0.0130	0.0060	0.0130	0.0102	0.0205	0.0220	0.0168	0.0163	0.0116
16	0.0285	0.0463	0.0163	0.0163	0.0201	0.0131	0.0144	0.0289	0.0133	0.0158	0.0232	0.0306	0.0155	0.0183	0.0278	0.0130	0.0191	0.0146	0.0274	0.0112	0.0132	0.0062	0.0132	0.0104	0.0209	0.0224	0.0171	0.0166	0.0119
17	0.0294	0.0477	0.0167	0.0168	0.0206	0.0134	0.0148	0.0296	0.0136	0.0162	0.0237	0.0313	0.0158	0.0187	0.0284	0.0133	0.0195	0.0149	0.0279	0.0114	0.0134	0.0063	0.0134	0.0106	0.0213	0.0229	0.0175	0.0170	0.0121
18	0.0303	0.0492	0.0173	0.0173	0.0212	0.0138	0.0151	0.0304	0.0140	0.0166	0.0243	0.0320	0.0162	0.0192	0.0291	0.0136	0.0209	0.0153	0.0285	0.0116	0.0137	0.0064	0.0137	0.0108	0.0217	0.0233	0.0178	0.0173	0.0124
19	0.0314	0.0508	0.0178	0.0178	0.0218	0.0142	0.0156	0.0312	0.0143	0.0170	0.0249	0.0328	0.0166	0.0196	0.0297	0.0139	0.0204	0.0156	0.0291	0.0118	0.0140	0.0065	0.0139	0.0110	0.0221	0.0237	0.0181	0.0176	0.0126
20	0.0325	0.0526	0.0184	0.0184	0.0225	0.0146	0.0160	0.0321	0.0147	0.0175	0.0255	0.0336	0.0170	0.0201	0.0304	0.0142	0.0208	0.0160	0.0298	0.0121	0.0142	0.0066	0.0142	0.0112	0.0225	0.0241	0.0184	0.0179	0.0128
21	0.0337	0.0544	0.0190	0.0190	0.0232	0.0150	0.0165	0.0330	0.0151	0.0179	0.0261	0.0344	0.0174	0.0206	0.0311	0.0146	0.0213	0.0163	0.0304	0.0124	0.0145	0.0068	0.0145	0.0114	0.0229	0.0246	0.0188	0.0182	0.0130
22	0.0349	0.0564	0.0197	0.0196	0.0240	0.0155	0.0170	0.0339	0.0155	0.0184	0.0268	0.0353	0.0178	0.0211	0.0319	0.0149	0.0218	0.0167	0.0311	0.0126	0.0149	0.0069	0.0148	0.0116	0.0233	0.0250	0.0191	0.0186	0.0133
23	0.0363	0.0585	0.0204	0.0203	0.0248	0.0160	0.0175	0.0350	0.0160	0.0189	0.0276	0.0362	0.0183	0.0216	0.0327	0.0153	0.0223	0.0171	0.0318	0.0129	0.0152	0.0071	0.0151	0.0119	0.0238	0.0255	0.0195	0.0189	0.0135
24	0.0377	0.0608	0.0212	0.0211	0.0257	0.0166	0.0181	0.0361	0.0165	0.0195	0.0283	0.0372	0.0187	0.0221	0.0335	0.0156	0.0229	0.0175	0.0325	0.0132	0.0155	0.0072	0.0154	0.0121	0.0243	0.0260	0.0198	0.0192	0.0138
25	0.0392	0.0632	0.0220	0.0218	0.0266	0.0172	0.0187	0.0372	0.0170	0.0201	0.0292	0.0383	0.0193	0.0227	0.0344	0.0160	0.0234	0.0179	0.0333	0.0135	0.0159	0.0074	0.0158	0.0124	0.0248	0.0265	0.0202	0.0196	0.0140
26	0.0408	0.0657	0.0228	0.0227	0.0276	0.0178	0.0193	0.0385	0.0175	0.0207	0.0301	0.0394	0.0198	0.0234	0.0353	0.0164	0.0240	0.0183	0.0341	0.0138	0.0163	0.0075	0.0161	0.0127	0.0253	0.0271	0.0206	0.0200	0.0143
27	0.0426	0.0684	0.0238	0.0236	0.0287	0.0185	0.0200	0.0399	0.0181	0.0214	0.0310	0.0406	0.0204	0.0240	0.0362	0.0169	0.0246	0.0188	0.0350	0.0142	0.0167	0.0077	0.0165	0.0130	0.0259	0.0277	0.0211	0.0204	0.0146
28	0.0444	0.0713	0.0247	0.0245	0.0298	0.0192	0.0208	0.0413	0.0188	0.0221	0.0320	0.0419	0.0210	0.0247	0.0372	0.0173	0.0253	0.0193	0.0358	0.0145	0.0171	0.0079	0.0169	0.0133	0.0265	0.0283	0.0215	0.0208	0.0149
29	0.0464	0.0744	0.0258	0.0255	0.0310	0.0199	0.0216	0.0429	0.0195	0.0229	0.0331	0.0432	0.0217	0.0255	0.0383	0.0178	0.0259	0.0198	0.0367	0.0149	0.0175	0.0081	0.0173	0.0136	0.0271	0.0290	0.0220	0.0213	0.0152
30	0.0485	0.0777	0.0269	0.0266	0.0323	0.0207	0.0225	0.0445	0.0202	0.0237	0.0343	0.0447	0.0224	0.0263	0.0395	0.0183	0.0267	0.0203	0.0377	0.0153	0.0179	0.0083	0.0177	0.0139	0.0277	0.0296	0.0225	0.0218	0.0155
31	0.0507	0.0812	0.0281	0.0278	0.0336	0.0216	0.0234	0.0463	0.0210	0.0246	0.0355	0.0463	0.0231	0.0271	0.0407	0.0189	0.0275	0.0209	0.0387	0.0157	0.0184	0.0085	0.0181	0.0142	0.0284	0.0303	0.0230	0.0223	0.0159
32	0.0531	0.0850	0.0294	0.0290	0.0351	0.0225	0.0243	0.0481	0.0218	0.0256	0.0369	0.0480	0.0239	0.0280	0.0421	0.0195	0.0283	0.0215	0.0398	0.0161	0.0189	0.0087	0.0186	0.0146	0.0291	0.0310	0.0236	0.0228	0.0162
33	0.0557	0.0890	0.0307	0.0303	0.0366	0.0235	0.0253	0.0501	0.0227	0.0266	0.0383	0.0498	0.0248	0.0290	0.0435	0.0201	0.0292	0.0222	0.0410	0.0165	0.0194	0.0089	0.0190	0.0150	0.0298	0.0318	0.0241	0.0233	0.0166
34	0.0585	0.0933	0.0322	0.0317	0.0383	0.0245	0.0264	0.0522	0.0236	0.0277	0.0398	0.0517	0.0257	0.0301	0.0450	0.0208	0.0301	0.0229	0.0423										

Adjusted q(x) (a)

Time (Year)	Adjusted q(x) BY 1989	Adjusted q(x) BY 1990	Adjusted q(x) BY 1991	Adjusted q(x) BY 1992	Adjusted q(x) BY 1993	Adjusted q(x) BY 1994	Adjusted q(x) BY 1995	Adjusted q(x) BY 1996	Adjusted q(x) BY 1997	Adjusted q(x) BY 1998	Adjusted q(x) BY 1999	Adjusted q(x) BY 2000	Adjusted q(x) BY 2001	Adjusted q(x) BY 2002	Adjusted q(x) BY 2003	Adjusted q(x) BY 2004	Adjusted q(x) BY 2005	Adjusted q(x) BY 2006	Adjusted q(x) BY 2007	Adjusted q(x) BY 2008	Adjusted q(x) BY 2009	Adjusted q(x) BY 2010	Adjusted q(x) BY 2011	Adjusted q(x) BY 2012	Adjusted q(x) BY 2013	Adjusted q(x) BY 2014	Adjusted q(x) BY 2015	Adjusted q(x) BY 2016	Adjusted q(x) BY 2017
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
61	0.3250	0.5047	0.1692	0.1620	0.1899	0.1179	0.1235	0.2369	0.1040	0.1183	0.1652	0.2086	0.1011	0.1148	0.1670	0.0750	0.1056	0.0779	0.1400	0.0549	0.0626	0.0281	0.0583	0.0445	0.0862	0.0893	0.0660	0.0621	0.0431
62	0.3506	0.5446	0.1825	0.1746	0.2046	0.1270	0.1329	0.2546	0.1116	0.1268	0.1769	0.2230	0.1079	0.1226	0.1781	0.0799	0.1123	0.0827	0.1485	0.0582	0.0661	0.0297	0.0615	0.0469	0.0909	0.0941	0.0695	0.0653	0.0453
63	0.3783	0.5875	0.1969	0.1884	0.2206	0.1368	0.1431	0.2739	0.1200	0.1362	0.1897	0.2388	0.1154	0.1309	0.1901	0.0852	0.1196	0.0880	0.1577	0.0617	0.0700	0.0314	0.0649	0.0495	0.0958	0.0993	0.0732	0.0687	0.0476
64	0.4080	0.6339	0.2124	0.2032	0.2380	0.1475	0.1542	0.2950	0.1291	0.1464	0.2037	0.2561	0.1236	0.1400	0.2031	0.0910	0.1276	0.0937	0.1677	0.0655	0.0742	0.0332	0.0685	0.0522	0.1011	0.1047	0.0772	0.0724	0.0501
65	0.4397	0.6836	0.2292	0.2193	0.2567	0.1591	0.1663	0.3178	0.1390	0.1575	0.2189	0.2749	0.1325	0.1499	0.2171	0.0972	0.1362	0.0999	0.1786	0.0697	0.0788	0.0352	0.0726	0.0552	0.1066	0.1104	0.0815	0.0764	0.0528
66	0.4735	0.7369	0.2472	0.2366	0.2770	0.1717	0.1794	0.3427	0.1498	0.1696	0.2356	0.2955	0.1423	0.1607	0.2324	0.1039	0.1455	0.1067	0.1905	0.0742	0.0838	0.0374	0.0769	0.0584	0.1127	0.1165	0.0859	0.0805	0.0557
67	0.5088	0.7935	0.2664	0.2551	0.2988	0.1852	0.1935	0.3696	0.1615	0.1827	0.2537	0.3180	0.1529	0.1726	0.2493	0.1113	0.1555	0.1139	0.2034	0.0791	0.0893	0.0398	0.0817	0.0620	0.1193	0.1231	0.0906	0.0849	0.0587
68	0.5455	0.8526	0.2869	0.2750	0.3223	0.1998	0.2088	0.3988	0.1742	0.1970	0.2733	0.3424	0.1645	0.1855	0.2676	0.1193	0.1665	0.1218	0.2172	0.0845	0.0952	0.0424	0.0869	0.0658	0.1265	0.1303	0.0958	0.0896	0.0619
69	0.5835	0.9141	0.3083	0.2961	0.3474	0.2155	0.2252	0.4303	0.1879	0.2125	0.2947	0.3690	0.1772	0.1996	0.2877	0.1281	0.1786	0.1304	0.2322	0.0902	0.1016	0.0452	0.0926	0.0700	0.1343	0.1382	0.1014	0.0947	0.0653
70	0.6230	0.9778	0.3305	0.3182	0.3741	0.2323	0.2429	0.4642	0.2028	0.2293	0.3179	0.3978	0.1909	0.2149	0.3095	0.1377	0.1918	0.1399	0.2487	0.0965	0.1086	0.0482	0.0987	0.0745	0.1428	0.1468	0.1075	0.1003	0.0690
71	0.6643	1.0000	0.3535	0.3411	0.4020	0.2501	0.2618	0.5006	0.2188	0.2474	0.3430	0.4291	0.2058	0.2316	0.3333	0.1481	0.2061	0.1502	0.2667	0.1033	0.1161	0.0515	0.1054	0.0795	0.1522	0.1561	0.1142	0.1063	0.0731
72	0.6886	1.0000	0.3774	0.3649	0.4310	0.2688	0.2820	0.5396	0.2359	0.2669	0.3700	0.4629	0.2220	0.2497	0.3592	0.1595	0.2218	0.1614	0.2863	0.1108	0.1243	0.0551	0.1126	0.0849	0.1623	0.1663	0.1214	0.1129	0.0775
73	0.6886	1.0000	0.4025	0.3896	0.4610	0.2882	0.3030	0.5811	0.2543	0.2878	0.3992	0.4995	0.2395	0.2693	0.3872	0.1719	0.2388	0.1737	0.3077	0.1189	0.1333	0.0590	0.1203	0.0906	0.1732	0.1773	0.1293	0.1201	0.0823
74	0.6886	1.0000	0.4172	0.4154	0.4922	0.3083	0.3248	0.6244	0.2739	0.3102	0.4305	0.5389	0.2584	0.2906	0.4177	0.1853	0.2573	0.1870	0.3311	0.1278	0.1431	0.0633	0.1289	0.0969	0.1850	0.1893	0.1380	0.1279	0.0875
75	0.6886	1.0000	0.4172	0.4306	0.5248	0.3291	0.3475	0.6694	0.2943	0.3341	0.4641	0.5811	0.2788	0.3135	0.4506	0.1999	0.2774	0.2015	0.3566	0.1375	0.1538	0.0679	0.1382	0.1037	0.1978	0.2022	0.1473	0.1364	0.0932
76	0.6886	1.0000	0.4172	0.4306	0.5440	0.3509	0.3710	0.7161	0.3155	0.3590	0.4998	0.6264	0.3007	0.3382	0.4862	0.2157	0.2993	0.2173	0.3842	0.1481	0.1655	0.0730	0.1484	0.1113	0.2118	0.2162	0.1573	0.1456	0.0994
77	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.3956	0.7646	0.3375	0.3848	0.5370	0.6746	0.3241	0.3648	0.5245	0.2327	0.3229	0.2344	0.4143	0.1596	0.1782	0.0786	0.1595	0.1195	0.2271	0.2314	0.1682	0.1555	0.1061
78	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8152	0.3603	0.4117	0.5757	0.7248	0.3490	0.3932	0.5657	0.2510	0.3484	0.2529	0.4468	0.1721	0.1920	0.0846	0.1716	0.1284	0.2439	0.2482	0.1801	0.1663	0.1133
79	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3842	0.4395	0.6158	0.7771	0.3750	0.4234	0.6098	0.2708	0.3758	0.2728	0.4821	0.1856	0.2070	0.0912	0.1848	0.1381	0.2621	0.2665	0.1931	0.1780	0.1212
80	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.6575	0.8313	0.4021	0.4549	0.6567	0.2918	0.4053	0.2944	0.5201	0.2002	0.2233	0.0983	0.1991	0.1488	0.2820	0.2864	0.2073	0.1909	0.1297
81	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7011	0.8875	0.4301	0.4877	0.7056	0.3143	0.4369	0.3175	0.5611	0.2160	0.2409	0.1060	0.2147	0.1603	0.3037	0.3082	0.2228	0.2050	0.1391
82	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9463	0.4592	0.5217	0.7564	0.3377	0.4705	0.3422	0.6052	0.2331	0.2600	0.1144	0.2316	0.1728	0.3273	0.3319	0.2398	0.2203	0.1494
83	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.4897	0.5570	0.8092	0.3620	0.5055	0.3685	0.6523	0.2514	0.2805	0.1234	0.2498	0.1864	0.3528	0.3576	0.2582	0.2370	0.1605
84	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.5076	0.5940	0.8639	0.3873	0.5420	0.3959	0.7025	0.2709	0.3025	0.1331	0.2695	0.2011	0.3806	0.3856	0.2782	0.2552	0.1727
85	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.5076	0.6157	0.9212	0.4135	0.5797	0.4245	0.7548	0.2918	0.3260	0.1436	0.2908	0.2170	0.4106	0.4159	0.3000	0.2751	0.1860
86	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.5076	0.6157	0.9549	0.4409	0.6190	0.4541	0.8092	0.3135	0.3511	0.1548	0.3136	0.2341	0.4430	0.4487	0.3235	0.2966	0.2004
87	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.5076	0.6157	0.9549	0.4570	0.6840	0.4848	0.8656	0.3361	0.3772	0.1667	0.3380	0.2525	0.4779	0.4841	0.3491	0.3199	0.2161
88	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.5076	0.6157	0.9549	0.4570	0.6841	0.5169	0.9242	0.3595	0.4044	0.1791	0.3640	0.2722	0.5155	0.5223	0.3766	0.3451	0.2331
89	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.5076	0.6157	0.9549	0.4570	0.6841	0.5358	0.9855	0.3839	0.4326	0.1920	0.3911	0.2931	0.5556	0.5633	0.4063	0.3723	0.2515
90	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.5076	0.6157	0.9549	0.4570	0.6841	0.5358	1.0000	0.4093	0.4619	0.2054	0.4193	0.3149	0.5983	0.6071	0.4382	0.4017	0.2713
91	0.6886	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.5076	0.6157	0.9549	0.4570	0.6841	0.5358	1.0000	0.4243	0.4925	0.2193	0.4486	0.3376	0.6429	0.6538	0.4723	0.4332	0.2927
92	1.0000	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.5076	0.6157	0.9549	0.4570	0.6841	0.5358	1.0000	0.4243	0.5105	0.2338	0.4789	0.3612	0.6892	0.7025	0.5086	0.4670	0.3157
93	1.0000	1.0000	0.4172	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.5076	0.6157	0.9549	0.4570	0.6841	0.5358	1.0000	0.4243	0.5105	0.2423	0.5107	0.3856	0.7373	0.7532	0.5465	0.5029	0.3403
94	1.0000	1.0000	1.0000	0.4306	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.5076	0.6157	0.9549	0.4570	0.6841	0.5358	1.0000	0.4243	0.5105	0.2423	0.5294	0.4112	0.7872	0.8057	0.5859	0.5403	0.3665
95	1.0000	1.0000	1.0000	1.0000	0.5440	0.3638	0.4100	0.8451	0.3982	0.4858	0.7267	0.9809	0.5076	0.6157	0.9549	0.4570	0.6841	0.5358											

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 @ 12/31/17	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	5,442,719	106	51,192	0.708	57.26	0.686	11,174,156	133,806	0.957
1990	46.77	2,571,687	77	33,278	0.460	25.20	0.539	6,061,758	129,608	0.927
1991	111.55	8,075,617	98	82,632	1.143	126.81	1.137	18,876,339	169,219	1.210
1992	251.72	13,220,868	216	61,236	0.847	206.99	0.822	37,237,017	147,930	1.058
1993	203.42	14,541,101	178	81,522	1.128	122.96	0.604	24,867,593	122,248	0.874
1994	124.71	3,543,120	86	40,985	0.567	88.83	0.712	13,271,661	106,420	0.761
1995	150.39	9,197,124	104	88,767	1.228	177.09	1.178	22,492,104	149,559	1.070
1996	126.59	7,790,181	117	66,566	0.921	113.15	0.894	20,941,023	165,424	1.183
1997	251.74	9,796,651	143	68,346	0.945	170.07	0.676	27,769,152	110,309	0.789
1998	321.30	16,878,840	192	87,719	1.213	348.89	1.086	47,917,945	149,138	1.067
1999	72.52	3,692,223	48	77,633	1.074	76.80	1.059	14,574,779	200,976	1.437
2000	103.25	4,476,009	81	55,492	0.768	68.55	0.664	15,423,058	149,376	1.068
2001	119.92	5,404,167	54	99,708	1.379	160.27	1.336	21,708,067	181,021	1.295
2002	359.90	11,222,377	165	67,883	0.939	333.34	0.926	53,956,008	149,919	1.072
2003	66.08	3,516,983	36	98,903	1.368	93.14	1.410	13,692,280	207,208	1.482
2004	164.70	3,494,152	55	63,438	0.877	120.09	0.729	23,164,682	140,648	1.006
2005	192.06	5,196,600	72	72,487	1.003	123.67	0.644	25,193,412	131,175	0.938
2006	283.53	7,020,838	82	85,725	1.186	321.59	1.134	40,067,577	141,317	1.011
2007	157.64	7,663,550	59	129,627	1.793	270.43	1.715	29,469,040	186,939	1.337
2008	324.52	3,611,579	67	53,560	0.741	216.41	0.667	47,339,167	145,874	1.043
2009	336.50	5,063,780	67	75,041	1.038	358.86	1.066	51,977,658	154,466	1.105
2010	229.95	1,624,881	29	56,636	0.783	157.95	0.687	25,443,726	110,649	0.791
2011	340.13	2,995,257	46	65,242	0.902	292.52	0.860	43,596,523	128,176	0.917
2012	261.20	1,340,208	27	49,952	0.691	173.07	0.663	26,269,157	100,571	0.719
2013	184.46	2,526,349	23	110,129	1.523	265.76	1.441	24,920,503	135,100	0.966
2014	217.35	2,557,367	22	118,397	1.638	310.71	1.430	27,657,238	127,247	0.910
2015	120.75	636,560	6	114,903	1.589	200.94	1.664	12,946,324	107,216	0.767
2016										
2017										
Totals / Avg.	5,206.16	163,100,787	2,256	72,298				728,007,948	139,836	

- Notes: (a) See Appendix E, Exhibit VI, Sheets 2a to 2f, Column (4).  
 (b) See Appendix E, Exhibit VI, Sheets 2a to 2f, Column (5).  
 (c) See Appendix E, Exhibit VI, Sheets 2a to 2f, Column (6).  
 (d) Based on column (5) divided by the average for all birth years.  
 (e) See Appendix E, Exhibit VI, Sheets 2a to 2f, Column (9).  
 (f) See Appendix E, Exhibit VI, Sheets 2a to 2f, 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 @ 12/31/17 (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)
1989			4.61	1,916,848	27.13	70,654	0.977	4.51		650,895	141,192	1.010
1989			36.05	1,300,490	26.46	49,149	0.680	24.51		4,414,065	122,443	0.876
1989			13.90	705,226	26.39	26,723	0.370	5.14		1,649,699	118,683	0.849
1989			28.95	1,520,154	26.34	57,713	0.798	23.11		4,459,498	154,041	1.102
<b>Subtotals / Avg. BY 1989:</b>			<b>83.51</b>	<b>5,442,719</b>	<b>106.32</b>	<b>51,192</b>	<b>0.708</b>	<b>57.26</b>	<b>0.686</b>	<b>11,174,156</b>	<b>133,806</b>	<b>0.957</b>
1990			20.00	1,190,478	26.04	45,717	0.632	12.65		3,462,478	173,124	1.238
1990			17.83	1,239,128	25.75	48,121	0.666	11.87		2,269,281	127,273	0.910
1990			8.94	142,081	25.49	5,574	0.077	0.69		329,999	36,913	0.264
<b>Subtotals / Avg. BY 1990:</b>			<b>46.77</b>	<b>2,571,687</b>	<b>77.28</b>	<b>33,278</b>	<b>0.460</b>	<b>25.20</b>	<b>0.539</b>	<b>6,061,758</b>	<b>129,608</b>	<b>0.927</b>
1991			23.30	2,280,624	25.84	88,259	1.221	28.44		4,522,230	194,087	1.388
1991			28.01	2,761,140	24.29	113,674	1.572	44.04		4,521,298	161,417	1.154
1991			42.25	1,636,129	24.25	67,469	0.933	39.43		6,993,550	165,528	1.184
1991			17.99	1,397,725	23.35	59,860	0.828	14.90		2,839,260	157,824	1.129
<b>Subtotals / Avg. BY 1991:</b>			<b>111.55</b>	<b>8,075,617</b>	<b>97.73</b>	<b>82,632</b>	<b>1.143</b>	<b>126.81</b>	<b>1.137</b>	<b>18,876,339</b>	<b>169,219</b>	<b>1.210</b>
1992			45.53	702,287	25.61	27,422	0.379	17.27		4,744,868	104,214	0.745
1992			18.55	1,937,199	25.37	76,358	1.056	19.59		3,070,263	165,513	1.184
1992			25.00	2,297,560	24.16	95,098	1.315	32.88		4,433,993	177,360	1.268
1992			28.93	1,607,429	23.72	67,767	0.937	27.12		4,757,680	164,455	1.176
1992			33.79	998,896	23.71	42,130	0.583	19.69		3,971,211	117,526	0.840
1992			17.89	290,052	23.69	12,244	0.169	3.03		2,218,663	124,017	0.887
1992			26.97	2,838,195	23.27	121,968	1.687	45.50		4,545,833	168,551	1.205
1992			27.93	1,360,528	23.19	58,669	0.811	22.66		5,311,196	190,161	1.360
1992			27.13	1,188,723	23.18	51,282	0.709	19.24		4,183,309	154,195	1.103
<b>Subtotals / Avg. BY 1992:</b>			<b>251.72</b>	<b>13,220,868</b>	<b>215.90</b>	<b>61,236</b>	<b>0.847</b>	<b>206.99</b>	<b>0.822</b>	<b>37,237,017</b>	<b>147,930</b>	<b>1.058</b>
1993			45.72	112,134	23.95	4,682	0.065	2.96		3,356,307	73,410	0.525
1993			30.00	685,778	22.86	29,999	0.415	12.45		4,197,868	139,929	1.001
1993			4.64	1,424,056	22.76	62,568	0.865	4.02		912,771	196,718	1.407
1993			36.39	1,381,189	22.66	60,953	0.843	30.68		5,719,790	157,180	1.124
1993			42.19	484,687	22.58	21,465	0.297	12.53		2,090,197	49,542	0.354
1993			35.00	1,534,107	22.33	68,702	0.950	33.26		5,326,289	152,180	1.088
1993			4.48	6,379,473	22.11	288,533	3.991	17.88		1,843,991	411,605	2.943
1993			5.00	2,539,677	19.12	132,828	1.837	9.19		1,420,380	284,076	2.031
<b>Subtotals / Avg. BY 1993:</b>			<b>203.42</b>	<b>14,541,101</b>	<b>178.37</b>	<b>81,522</b>	<b>1.128</b>	<b>122.96</b>	<b>0.604</b>	<b>24,867,593</b>	<b>122,248</b>	<b>0.874</b>

Notes: (a) As provided by NICA management evaluated as of December 31, 2017.  
 (b) Number of years since date of claim as shown in column (3) to December 31, 2017.  
 (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 @ 12/31/17 (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	121,439	22.80	5,326	0.074	0.36		300,000	62,241	0.445
1994			36.25	1,118,008	21.67	51,592	0.714	25.87		4,842,977	133,599	0.955
1994			43.64	443,082	21.45	20,657	0.286	12.47		1,701,775	38,996	0.279
1994			40.00	1,860,592	20.53	90,628	1.254	50.14		6,426,909	160,673	1.149
<b>Subtotals / Avg. BY 1994:</b>			<b>124.71</b>	<b>3,543,120</b>	<b>86.45</b>	<b>40,985</b>	<b>0.567</b>	<b>88.83</b>	<b>0.712</b>	<b>13,271,661</b>	<b>106,420</b>	<b>0.761</b>
1995			27.07	3,206,451	21.28	150,679	2.084	56.42		4,961,702	183,292	1.311
1995			36.29	1,050,114	20.91	50,221	0.695	25.21		5,226,578	144,023	1.030
1995			14.45	1,756,312	20.77	84,560	1.170	16.90		2,512,457	173,872	1.243
1995			36.29	1,739,156	20.58	84,507	1.169	42.42		4,788,443	131,949	0.944
1995			36.29	1,445,091	20.07	72,003	0.996	36.14		5,002,924	137,860	0.986
<b>Subtotals / Avg. BY 1995:</b>			<b>150.39</b>	<b>9,197,124</b>	<b>103.61</b>	<b>88,767</b>	<b>1.228</b>	<b>177.09</b>	<b>1.178</b>	<b>22,492,104</b>	<b>149,559</b>	<b>1.070</b>
1996			36.32	1,099,840	21.32	51,587	0.714	25.92		6,723,128	185,108	1.324
1996			33.85	1,579,468	20.88	75,645	1.046	35.42		5,273,734	155,797	1.114
1996			15.00	2,693,408	20.19	133,403	1.845	27.68		3,314,012	220,934	1.580
1996			4.80	306,237	19.67	15,569	0.215	1.03		778,751	162,240	1.160
1996			9.34	1,582,169	17.79	88,936	1.230	11.49		1,515,010	162,207	1.160
1996			27.28	529,060	17.18	30,795	0.426	11.62		3,336,387	122,302	0.875
<b>Subtotals / Avg. BY 1996:</b>			<b>126.59</b>	<b>7,790,181</b>	<b>117.03</b>	<b>66,566</b>	<b>0.921</b>	<b>113.15</b>	<b>0.894</b>	<b>20,941,023</b>	<b>165,424</b>	<b>1.183</b>
1997			40.00	825,216	19.68	41,932	0.580	23.20		3,656,924	91,423	0.654
1997			45.88	138,827	19.48	7,127	0.099	4.52		1,268,593	27,650	0.198
1997			36.35	634,920	19.34	32,829	0.454	16.51		3,572,084	98,269	0.703
1997			10.00	4,252,087	19.15	222,041	3.071	30.71		2,108,799	210,880	1.508
1997			27.31	1,289,540	18.57	69,442	0.961	26.23		4,338,460	158,860	1.136
1997			36.55	1,424,407	16.25	87,656	1.212	44.31		6,085,234	166,491	1.191
1997			19.30	1,014,731	15.48	65,551	0.907	17.50		2,928,748	151,749	1.085
1997			36.35	216,922	15.39	14,095	0.195	7.09		3,810,311	104,823	0.750
<b>Subtotals / Avg. BY 1997:</b>			<b>251.74</b>	<b>9,796,651</b>	<b>143.34</b>	<b>68,346</b>	<b>0.945</b>	<b>170.07</b>	<b>0.676</b>	<b>27,769,152</b>	<b>110,309</b>	<b>0.789</b>
1998			17.99	1,425,225	19.17	74,347	1.028	18.50		2,377,627	132,164	0.945
1998			36.58	1,932,352	18.98	101,810	1.408	51.51		7,332,821	200,460	1.434
1998			38.81	761,571	18.83	40,445	0.559	21.71		4,077,753	105,070	0.751
1998			42.31	1,991,211	18.63	106,882	1.478	62.55		7,066,521	167,018	1.194
1998			36.58	120,078	14.51	8,276	0.114	4.19		2,370,629	64,807	0.463
1998			36.58	1,150,582	18.56	61,993	0.857	31.37		4,363,925	119,298	0.853
1998			8.91	3,434,654	17.91	191,773	2.653	23.63		2,387,812	267,992	1.916
1998			36.37	1,120,560	16.96	66,071	0.914	33.24		4,688,779	128,919	0.922
1998			27.34	2,062,584	16.56	124,552	1.723	47.10		5,079,669	185,796	1.329
1998			35.00	1,679,833	16.23	103,502	1.432	50.11		7,307,025	208,772	1.493
1998			4.83	1,200,189	16.08	74,639	1.032	4.99		865,385	179,169	1.281
<b>Subtotals / Avg. BY 1998:</b>			<b>321.30</b>	<b>16,878,840</b>	<b>192.42</b>	<b>87,719</b>	<b>1.213</b>	<b>348.89</b>	<b>1.086</b>	<b>47,917,945</b>	<b>149,138</b>	<b>1.067</b>

Notes: (a) As provided by NICA management evaluated as of December 31, 2017.  
 (b) Number of years since date of claim as shown in column (3) to December 31, 2017.  
 (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 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 @ 12/31/17 (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	1,561,486	17.81	87,675	1.213	32.92		6,070,092	223,576	1.599
1999			18.00	1,209,225	15.44	78,318	1.083	19.50		4,264,265	236,904	1.694
1999			27.37	921,513	14.31	64,396	0.891	24.38		4,240,422	154,930	1.108
<b>Subtotals / Avg. BY 1999:</b>			<b>72.52</b>	<b>3,692,223</b>	<b>47.56</b>	<b>77,633</b>	<b>1.074</b>	<b>76.80</b>	<b>1.059</b>	<b>14,574,779</b>	<b>200,976</b>	<b>1.437</b>
2000			15.00	374,021	16.96	22,053	0.305	4.58		2,676,804	178,454	1.276
2000			13.94	1,237,772	16.71	74,074	1.025	14.28		2,325,463	166,819	1.193
2000			14.47	1,837,457	16.16	113,704	1.573	22.76		3,001,665	207,441	1.483
2000			45.77	497,490	15.62	31,850	0.441	20.16		6,521,632	142,487	1.019
2000			14.07	529,270	15.21	34,798	0.481	6.77		897,493	63,788	0.456
<b>Subtotals / Avg. BY 2000:</b>			<b>103.25</b>	<b>4,476,009</b>	<b>80.66</b>	<b>55,492</b>	<b>0.768</b>	<b>68.55</b>	<b>0.664</b>	<b>15,423,058</b>	<b>149,376</b>	<b>1.068</b>
2001			19.38	1,661,438	15.07	110,248	1.525	29.55		4,584,668	236,567	1.692
2001			36.44	874,569	14.76	59,253	0.820	29.86		5,323,017	146,076	1.045
2001			36.68	1,059,461	12.54	84,487	1.169	42.86		5,935,499	161,818	1.157
2001			27.42	1,808,699	11.83	152,891	2.115	57.99		5,864,883	213,891	1.530
<b>Subtotals / Avg. BY 2001:</b>			<b>119.92</b>	<b>5,404,167</b>	<b>54.20</b>	<b>99,708</b>	<b>1.379</b>	<b>160.27</b>	<b>1.336</b>	<b>21,708,067</b>	<b>181,021</b>	<b>1.295</b>
2002			10.00	842,281	15.12	55,706	0.771	7.71		1,095,829	109,583	0.784
2002			24.17	2,126,908	14.61	145,579	2.014	48.67		6,060,073	250,727	1.793
2002			36.71	939,589	14.56	64,532	0.893	32.77		4,482,882	122,116	0.873
2002			24.24	1,543,708	13.81	111,782	1.546	37.48		3,630,830	149,787	1.071
2002			36.47	1,162,111	13.70	84,826	1.173	42.79		5,116,610	140,296	1.003
2002			18.65	414,841	13.20	31,427	0.435	8.11		2,893,909	155,169	1.110
2002			27.21	770,034	12.93	59,554	0.824	22.41		6,213,984	228,371	1.633
2002			27.45	888,434	12.81	69,355	0.959	26.33		3,465,890	126,262	0.903
2002			9.08	114,685	12.30	9,324	0.129	1.17		299,999	33,040	0.236
2002			47.32	687,985	10.79	63,761	0.882	41.73		5,300,753	112,019	0.801
2002			23.52	626,537	10.64	58,885	0.814	19.16		5,621,449	239,007	1.709
2002			29.03	987,375	10.50	94,036	1.301	37.76		4,604,582	158,615	1.134
2002			46.05	117,890	10.35	11,390	0.158	7.26		5,169,217	112,252	0.803
<b>Subtotals / Avg. BY 2002:</b>			<b>359.90</b>	<b>11,222,377</b>	<b>165.32</b>	<b>67,883</b>	<b>0.939</b>	<b>333.34</b>	<b>0.926</b>	<b>53,956,008</b>	<b>149,919</b>	<b>1.072</b>
2003			18.04	625,457	12.43	50,318	0.696	12.56		3,591,698	199,096	1.424
2003			30.00	1,293,331	11.94	108,319	1.498	44.95		5,816,168	193,872	1.386
2003			18.04	1,598,195	11.19	142,823	1.975	35.64		4,284,414	237,495	1.698
<b>Subtotals / Avg. BY 2003:</b>			<b>66.08</b>	<b>3,516,983</b>	<b>35.56</b>	<b>98,903</b>	<b>1.368</b>	<b>93.14</b>	<b>1.410</b>	<b>13,692,280</b>	<b>207,208</b>	<b>1.482</b>

Notes: (a) As provided by NICA management evaluated as of December 31, 2017.

(b) Number of years since date of claim as shown in column (3) to December 31, 2017.

(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 @ 12/31/17 (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)
2004			36.54	384,532	13.16	29,220	0.404	14.77		4,512,363	123,491	0.883
2004			20.00	1,373,495	12.14	113,138	1.565	31.30		4,453,880	222,694	1.593
2004			27.26	1,016,964	12.04	84,465	1.168	31.85		3,316,093	121,647	0.870
2004			45.90	171,064	8.88	19,264	0.266	12.23		3,253,065	70,873	0.507
2004			35.00	548,096	8.86	61,862	0.856	29.95		7,629,282	217,979	1.559
<b>Subtotals / Avg. BY 2004:</b>			<b>164.70</b>	<b>3,494,152</b>	<b>55.08</b>	<b>63,438</b>	<b>0.877</b>	<b>120.09</b>	<b>0.729</b>	<b>23,164,682</b>	<b>140,648</b>	<b>1.006</b>
2005			36.82	566,627	11.81	47,979	0.664	24.43		4,690,858	127,400	0.911
2005			35.00	747,961	11.08	67,506	0.934	32.68		6,675,231	190,721	1.364
2005			45.94	371,411	10.94	33,950	0.470	21.57		5,214,276	113,502	0.812
2005			4.83	1,754,970	10.27	170,883	2.364	11.42		1,159,453	240,052	1.717
2005			14.47	955,520	9.91	96,420	1.334	19.30		2,393,444	165,407	1.183
2005			50.00	116,191	9.35	12,427	0.172	8.59		3,896,081	77,922	0.557
2005			5.00	683,920	8.33	82,103	1.136	5.68		1,164,069	232,814	1.665
<b>Subtotals / Avg. BY 2005:</b>			<b>192.06</b>	<b>5,196,600</b>	<b>71.69</b>	<b>72,487</b>	<b>1.003</b>	<b>123.67</b>	<b>0.644</b>	<b>25,193,412</b>	<b>131,175</b>	<b>0.938</b>
2006			18.13	868,630	11.10	78,255	1.082	19.62		3,104,300	171,224	1.224
2006			27.58	914,966	10.60	86,318	1.194	32.93		4,303,117	156,023	1.116
2006			45.98	710,674	8.37	84,907	1.174	54.00		4,156,459	90,397	0.646
2006			27.34	2,583,723	9.35	276,334	3.822	104.50		8,348,147	305,346	2.184
2006			48.60	777,581	9.27	83,881	1.160	56.39		5,800,643	119,355	0.854
2006			15.00	333,586	9.03	36,942	0.511	7.66		2,298,289	153,219	1.096
2006			27.34	249,006	8.93	27,884	0.386	10.54		2,907,699	106,353	0.761
2006			27.58	380,166	8.18	46,475	0.643	17.73		4,068,489	147,516	1.055
2006			45.98	202,506	7.07	28,643	0.396	18.22		5,080,434	110,492	0.790
<b>Subtotals / Avg. BY 2006:</b>			<b>283.53</b>	<b>7,020,838</b>	<b>81.90</b>	<b>85,725</b>	<b>1.186</b>	<b>321.59</b>	<b>1.134</b>	<b>40,067,577</b>	<b>141,317</b>	<b>1.011</b>
2007			10.00	1,416,382	9.48	149,407	2.067	20.67		1,833,959	183,396	1.312
2007			15.00	775,109	9.22	84,068	1.163	17.44		1,967,403	131,160	0.938
2007			25.00	826,956	8.85	93,441	1.292	32.31		4,447,519	177,901	1.272
2007			46.25	1,150,097	8.73	131,741	1.822	84.28		9,236,358	199,705	1.428
2007			14.49	1,877,397	8.43	222,704	3.080	44.63		3,585,020	247,413	1.769
2007			10.00	910,933	7.86	115,895	1.603	16.03		1,971,250	197,125	1.410
2007			36.90	706,676	6.55	107,890	1.492	55.07		6,427,531	174,188	1.246
<b>Subtotals / Avg. BY 2007:</b>			<b>157.64</b>	<b>7,663,550</b>	<b>59.12</b>	<b>129,627</b>	<b>1.793</b>	<b>270.43</b>	<b>1.715</b>	<b>29,469,040</b>	<b>186,939</b>	<b>1.337</b>

Notes: (a) As provided by NICA management evaluated as of December 31, 2017.

(b) Number of years since date of claim as shown in column (3) to December 31, 2017.

(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 @ 12/31/17 (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)
2008			25.00	107,543	8.95	12,016	0.166	4.16		300,000	12,000	0.086
2008			36.93	611,310	8.75	69,864	0.966	35.69		5,994,310	162,315	1.161
2008			27.64	866,026	8.37	103,468	1.431	39.56		4,763,971	172,358	1.233
2008			48.63	131,563	7.90	16,654	0.230	11.20		4,798,760	98,679	0.706
2008			48.63	147,489	7.86	18,765	0.260	12.62		4,367,219	89,805	0.642
2008			27.41	1,079,441	7.59	142,219	1.967	53.92		6,641,309	242,295	1.733
2008			46.06	269,743	7.24	37,257	0.515	23.74		9,582,534	208,045	1.488
2008			24.22	197,453	6.34	31,144	0.431	10.43		4,869,516	201,054	1.438
2008			40.00	201,010	4.43	45,375	0.628	25.10		6,021,549	150,539	1.077
<b>Subtotals / Avg. BY 2008:</b>			<b>324.52</b>	<b>3,611,579</b>	<b>67.43</b>	<b>53,560</b>	<b>0.741</b>	<b>216.41</b>	<b>0.667</b>	<b>47,339,167</b>	<b>145,874</b>	<b>1.043</b>
2009			45.00	652,122	8.42	77,449	1.071	48.21		6,832,651	151,837	1.086
2009			28.14	637,085	7.68	82,954	1.147	32.29		5,058,702	179,769	1.286
2009			55.00	466,234	7.67	60,787	0.841	46.24		6,666,178	121,203	0.867
2009			20.00	592,476	7.55	78,474	1.085	21.71		3,617,593	180,880	1.294
2009			28.14	246,338	7.29	33,791	0.467	13.15		5,819,992	206,823	1.479
2009			30.00	457,727	6.88	66,530	0.920	27.61		6,228,264	207,609	1.485
2009			24.31	511,675	6.32	80,961	1.120	27.22		4,290,576	176,494	1.262
2009			47.50	112,250	6.32	17,761	0.246	11.67		3,747,050	78,885	0.564
2009			28.41	527,508	5.52	95,563	1.322	37.55		5,044,320	177,554	1.270
2009			30.00	860,365	3.83	224,638	3.107	93.21		4,672,332	155,744	1.114
<b>Subtotals / Avg. BY 2009:</b>			<b>336.50</b>	<b>5,063,780</b>	<b>67.48</b>	<b>75,041</b>	<b>1.038</b>	<b>358.86</b>	<b>1.066</b>	<b>51,977,658</b>	<b>154,466</b>	<b>1.105</b>
2010			34.07	687,414	6.76	101,688	1.407	47.92		4,032,450	118,358	0.846
2010			56.42	294,352	6.61	44,531	0.616	34.75		6,084,316	107,840	0.771
2010			47.37	123,002	5.27	23,340	0.323	15.29		4,689,611	99,000	0.708
2010			38.45	400,146	5.04	79,394	1.098	42.22		5,769,500	150,052	1.073
2010			53.64	119,967	5.01	23,946	0.331	17.77		4,867,849	90,750	0.649
<b>Subtotals / Avg. BY 2010:</b>			<b>229.95</b>	<b>1,624,881</b>	<b>28.69</b>	<b>56,636</b>	<b>0.783</b>	<b>157.95</b>	<b>0.687</b>	<b>25,443,726</b>	<b>110,649</b>	<b>0.791</b>
2011			29.38	570,852	6.26	91,190	1.261	37.06		4,989,020	169,810	1.214
2011			28.77	199,818	5.92	33,753	0.467	13.43		4,277,155	148,667	1.063
2011			28.93	607,669	5.23	116,189	1.607	46.49		4,506,424	155,770	1.114
2011			48.67	317,949	5.21	61,027	0.844	41.08		8,008,450	164,546	1.177
2011			38.19	179,598	5.21	34,472	0.477	18.21		5,673,966	148,572	1.062
2011			9.68	262,397	5.13	51,149	0.707	6.85		753,527	77,844	0.557
2011			48.67	247,426	3.77	65,630	0.908	44.18		5,222,505	107,304	0.767
2011			48.67	200,918	3.57	56,280	0.778	37.89		5,442,432	111,823	0.800
2011			49.33	148,789	3.01	49,432	0.684	33.73		3,043,892	61,705	0.441
2011			9.84	259,841	2.60	99,939	1.382	13.60		1,679,152	170,646	1.220
<b>Subtotals / Avg. BY 2011:</b>			<b>340.13</b>	<b>2,995,257</b>	<b>45.91</b>	<b>65,242</b>	<b>0.902</b>	<b>292.52</b>	<b>0.860</b>	<b>43,596,523</b>	<b>128,176</b>	<b>0.917</b>

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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 @ 12/31/17 (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)
2012			38.86	286,646	5.34	53,679	0.742	28.85		7,171,102	184,537	1.320
2012			19.41	360,066	5.34	67,428	0.933	18.10		2,027,840	104,474	0.747
2012			48.33	137,503	3.98	34,548	0.478	23.10		3,813,982	78,915	0.564
2012			55.00	134,767	3.65	36,923	0.511	28.09		4,473,755	81,341	0.582
2012			40.00	280,405	2.85	98,388	1.361	54.43		3,699,786	92,495	0.661
2012			30.00	124,733	2.85	43,766	0.605	18.16		4,682,693	156,090	1.116
2012			29.60	16,088	2.82	5,705	0.079	2.34		399,999	13,513	0.097
<b>Subtotals / Avg. BY 2012:</b>			<b>261.20</b>	<b>1,340,208</b>	<b>26.83</b>	<b>49,952</b>	<b>0.691</b>	<b>173.07</b>	<b>0.663</b>	<b>26,269,157</b>	<b>100,571</b>	<b>0.719</b>
2013			10.00	562,497	4.85	115,979	1.604	16.04		1,755,729	175,573	1.256
2013			30.02	310,940	4.32	71,977	0.996	29.89		5,534,932	184,375	1.319
2013			29.63	251,525	3.73	67,433	0.933	27.64		3,734,198	126,028	0.901
2013			24.81	380,568	2.93	129,887	1.797	44.57		2,345,764	94,549	0.676
2013			20.00	422,003	2.90	145,518	2.013	40.26		3,798,658	189,933	1.358
2013			20.00	468,189	2.68	174,697	2.416	48.33		2,841,440	142,072	1.016
2013			50.00	130,626	1.53	85,376	1.181	59.04		4,909,783	98,196	0.702
<b>Subtotals / Avg. BY 2013:</b>			<b>184.46</b>	<b>2,526,349</b>	<b>22.94</b>	<b>110,129</b>	<b>1.523</b>	<b>265.76</b>	<b>1.441</b>	<b>24,920,503</b>	<b>135,100</b>	<b>0.966</b>
2014			11.49	527,576	3.42	154,262	2.134	24.52		1,850,662	161,067	1.152
2014			30.45	227,828	3.37	67,605	0.935	28.47		3,542,432	116,336	0.832
2014			15.00	407,003	2.95	137,967	1.908	28.62		2,306,104	153,740	1.099
2014			10.00	417,141	2.72	153,361	2.121	21.21		1,720,068	172,007	1.230
2014			30.45	379,300	2.52	150,516	2.082	63.39		4,059,880	133,329	0.953
2014			30.06	278,713	1.98	140,764	1.947	58.53		4,014,801	133,560	0.955
2014			39.90	8,693	1.80	4,829	0.067	2.67		4,800,491	120,313	0.860
2014			30.00	254,879	1.47	173,387	2.398	71.95		3,554,944	118,498	0.847
2014			20.00	56,236	1.37	41,048	0.568	11.36		1,807,854	90,393	0.646
<b>Subtotals / Avg. BY 2014:</b>			<b>217.35</b>	<b>2,557,367</b>	<b>21.60</b>	<b>118,397</b>	<b>1.638</b>	<b>310.71</b>	<b>1.430</b>	<b>27,657,238</b>	<b>127,247</b>	<b>0.910</b>
2015			40.00	112,874	1.88	60,039	0.830	33.22		3,448,560	86,214	0.617
2015			20.75	260,172	1.67	155,792	2.155	44.71		3,091,088	148,968	1.065
2015			20.00	157,109	1.34	117,245	1.622	32.43		2,298,530	114,927	0.822
2015			40.00	106,405	0.65	163,700	2.264	90.57		4,108,146	102,704	0.734
<b>Subtotals / Avg. BY 2015:</b>			<b>120.75</b>	<b>636,560</b>	<b>5.54</b>	<b>114,903</b>	<b>1.589</b>	<b>200.94</b>	<b>1.664</b>	<b>12,946,324</b>	<b>107,216</b>	<b>0.767</b>
<b>Totals / Averages:</b>			<b>5,206.16</b>	<b>163,100,787</b>	<b>2,255.96</b>	<b>72,298</b>				<b>728,007,948</b>	<b>139,836</b>	

Notes: (a) As provided by NICA management evaluated as of December 31, 2017.  
 (b) Number of years since date of claim as shown in column (3) to December 31, 2017.  
 (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.

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	7	7	-	37.31	29.08	37.31	<b>38.00</b>	47.50
2013	7	9	2	26.35	29.08	26.96	<b>27.00</b>	33.75
2014	9	14	5	24.15	29.08	25.91	<b>26.00</b>	32.50
2015	4	14	10	30.19	29.08	29.40	<b>30.00</b>	37.50
2016	-	11	11	-	29.08	29.08	<b>30.00</b>	37.50
2017	-	12	12	-	29.08	29.08	<b>30.00</b>	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 2011 and prior, it is based on actual average remaining life expectancy by birth year as shown in column (5). For birth years 2012 to 2017, see column (7).