

**FLORIDA BIRTH RELATED NEUROLOGICAL INJURY  
COMPENSATION ASSOCIATION  
REVIEW OF OUTSTANDING LOSS RESERVES  
EVALUATED AS OF JUNE 30, 2022**

**Turner Consulting, Inc.  
October, 2022**

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

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October 10, 2022

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

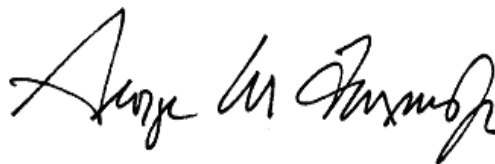
Re: NICA Outstanding Loss Reserves – Evaluated as of June 30, 2022

Dear Ms. Jaacks:

Please find enclosed our report on loss and loss adjustment expense (LAE) reserves established for the Florida Birth Related Neurological Injury Association (NICA) as of June 30, 2022.

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

Sincerely,



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

Cc: Tim Daughtry, Mark Crawshaw

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## INTRODUCTION

### **Purpose**

Turner Consulting, Inc. (Turner Consulting) was requested by the Florida Birth Related Neurological Injury Compensation Association (NICA) to estimate the outstanding loss and loss adjustment expense (LAE) reserves related to claims incurred by NICA under the current definition of a “birth related neurological injury” as contained in Florida Statute 766.302. The loss and LAE reserve estimate relates to claims incurred prior to and evaluated as of June 30,2022. The loss and LAE reserve estimates are developed on both a current cost level basis and after consideration of prospective period inflation and anticipated investment income (I.e., discounted to present-value).

### **Background**

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

Funds are collected from the various medical care providers during each birth year and invested until payments are required on behalf of the qualifying claimants. There are very limited resources for collecting additional funds from the insurance industry and the Florida Office of Insurance Regulation in the event the funds collected from the medical care providers are not adequate. Due to the significant expected delay between the time when funds are collected and actual benefits are paid, the estimated impact of inflation and anticipated investment income must be considered in the establishment of overall loss and LAE reserve levels.

In reports issued prior to September 30, 2012 certain care provided by parents or guardians to claimants paid for by NICA was described as “family care”. While the estimates as developed in the prior reports as well as in the current report are based on a review of all amounts paid and case reserves established related to all care as covered under the NICA statutes, a separate estimate of the amounts related to “family care” was also shown. In the more recent reports a separate estimate is no longer shown for the expense previously labeled as “family care” other than the segregation of amounts estimated for the retrospective portion of the class action settlement as described in the next paragraph. However, a separate estimate of the reserve amounts related to “family residential or custodial care” as defined in Florida Statute 766.302 (10) is calculated for purposes of the threshold calculation as described in Florida Statute 766.314 (9). This statute specifically excludes benefits related to “family residential or custodial care” for purposes of the threshold calculation contained in the statute.

A class action settlement agreement was entered into during September 2012 which was approved pursuant to a November 26, 2012 Final Judgment and Order by the Florida Circuit Court. The settlement terms may impact benefits payable to all parents or guardians of a child born with a “birth-related neurological injury” in the State of Florida during the time period of January 1, 1989 through June 6, 2002, who obtained a final order which imposed on NICA the “continuing obligation under provisions of Section 766.31, Florida Statutes, to pay future expenses as incurred”. The estimated impact on the case reserves of this settlement agreement was incorporated into the case reserve estimates as provided by NICA. The impact was separated into estimates related to the retrospective portion of the settlement (currently defined as prior to August 1, 2012) and the prospective portion of the settlement (currently defined as subsequent to July 31, 2012). It is our understanding that the majority of the retrospective portion has been paid as of June 30, 2022.

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

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

### **Changes Included December 31, 2021 and Subsequent – Additional Method**

As a result of the passage of SB 1786, NICA made a number of one-time loss payments during calendar year 2021 and 2022. In addition, NICA extensively revised the year-end case reserve worksheets as of December 31, 2021 to reflect the SB 1786 changes. The combined impact of these factors resulted in a significant one-time change and discontinuity in both the cumulative paid and incurred loss and ALAE used in many of the loss projection methods utilized in prior actuarial reports.

The estimates as shown in this report evaluated as of June 30, 2022 include the case reserve changes incorporated as of December 31, 2021 plus the additional case reserve and claim payment amounts made during the first half of 2022. The claim payments made during the first half of 2022 not only included additional payments as anticipated related to the reserves set forth in our December 31, 2021

report but also included additional statutory changes related to a broadening of the increase in the parental award from \$ 100,000 to \$ 250,000 for all prior deceased claimants. The estimated increase in payments during the first half of 2022 related to this change in beneficiaries qualifying for the parental award increase is approximately \$ 26 million. In addition, there is an increase in the case reserve amounts of \$ 17 million related to expected additional payments for retroactive family care not previously included. Other than the above mentioned items the assumptions included in the reserve estimates as of June 30, 2022 are similar to those included in our December 31, 2021 report.

As a result of the impact of the reserve and claim payment adjustments related to the implementation of SB 1786, an additional method is included in this report as well as the prior report evaluated as of December 31, 2021. While certain aspects of this additional methodology are similar to the incremental payment method included in our prior reports the new procedure includes a number of additional refinements. On an overall basis this new procedure relies on the segregation of all NICA claimants into two separate impairment groups. Actual historical NICA mortality experience is used to estimate two separate mortality tables for the two groups. In addition, average annual claim payments are developed for three separate expense categories at 2021 loss levels. The average 2021 level annual payment amounts are developed based on the review of actual NICA claim payment information, Medicaid payment information and Affordable Care Act (ACA) health insurance premium information as provided in a report prepared for NICA by Wakely Consulting Group, LLC (Wakely).

An illustration of the magnitude of changes incorporated during 2021 can be made based on the change in the cumulative paid loss and ALAE and the increase in the case outstanding loss and ALAE reserves during the 2021 year in comparison to the changes observed in the two prior years, 2020 and 2019. For example, the incremental loss and ALAE payments during 2021 was \$ 67.98 million in comparison

to \$ 20.92 million and \$ 17.74 million in 2020 and 2019, respectively. The current level case outstanding loss and ALAE increased by \$ 200.04 million in 2021 in comparison to increases the current level case outstanding of \$ 75.00 million and \$ 48.36 million in 2020 and 2019, respectively.

Many of the actuarial methods included prior to December 31, 2021 are based on an implicit assumption of continuity in paid and incurred claim amounts from valuation to valuation. The large changes occurring in 2021 and 2022 compromise this assumption. To address this situation, we have adjusted the paid and incurred loss and ALAE information in an attempt to minimize the impact on the methods used prior to December 31, 2021. As additional data emerges over the coming years the loss emergence patterns will adjust to the new benefit definitions and the impact of these one-time adjustments will be reduced. The results of the application of the prior (“Old”) methods on the loss experience after adjustment are shown in Section V based on the year-end analysis (i.e. as of December 31, 2021).

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

### **Qualifications**

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



### **Distribution and Use**

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

### **Conditions and Limitations**

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

The indicated ultimate loss and LAE estimates provided in this report are based on the accuracy of the loss projection methods included. In addition, the final loss and LAE reserve estimates will be affected by the prospective period inflation and investment returns realized by NICA. The combined impact of these factors results in a significant degree of uncertainty in the estimated NICA loss and LAE reserve evaluated as of December 31, 2021 and as of June 30, 2022. This uncertainty arises from the estimation of many internal and external factors that have yet to occur or be reported, but which will impact the ultimate settlement value of claims incurred prior to June 30, 2022. Due to the level of uncertainty of the impact of these factors on the ultimate number and settlement value of losses incurred by NICA, there can be no guarantee that actual losses will not vary, perhaps significantly, from the estimates shown in this report. However, we have employed actuarial methods and assumptions that are appropriate given the information as provided.

The loss and LAE reserve estimates shown in this report reflect consideration of payments made on the behalf of NICA claimants by other providers, such as health insurance coverage, Medicaid, etc. Since the payments made by these other providers in many cases reduce the amounts that would otherwise be paid by NICA, any change in the portion of benefits covered by these other providers will impact the loss and LAE reserve estimates shown in this report. To the extent any of these providers change

the level of benefit payments (e.g. change from a primary provider to an excess provider) from those made previously, the reserve estimates shown in this report will need to be adjusted.

An additional source of variation is introduced in the development of loss and LAE reserve estimates on a present value basis. This variation arises from the fact that actual loss and LAE payments may occur more rapidly or more slowly than contemplated in the assumed payment pattern. Thus, the calculated investment income would differ from the actual investment income earned in proportion to the variation in actual payments from expected payments.

The loss and LAE reserve estimates contained in this report include explicit consideration of estimated prospective period inflation and investment returns. Specifically, the loss and LAE reserve estimates include consideration of the anticipated investment income earned on funds collected prior to the actual payment of claims. The estimated investment income is based on the assumption that sufficient assets will be available for investment to cover the present value of the ultimate losses. To the extent sufficient funds are not available the ultimate loss reserve estimates will need to be increased to account for the reduction in anticipated investment income.

The last remaining reinsurance treaty was commuted during 2019. Since all reinsurance treaties have been commuted, the outstanding loss and LAE reserves shown as of June 30, 2022 do not include any additional anticipated reinsurance recoveries.

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

available to answer questions with regard to the methods and assumptions underlying the conclusions herein.

### **Executive Summary**

The outstanding loss and LAE reserve (i.e. Loss, ALAE, and ULAE reserves after inflation and discount) as of June 30, 2022 is \$ 1,258.6 million. In contrast to prior reports there is no segregation in the portion of the total outstanding loss and ALAE related to SB 1786 as the current case reserve estimates now include consideration of SB 1786 changes. The estimated unallocated loss adjustment expense reserve of \$ 20.2 million is shown in Item (11A) of Section I, Exhibit I.

The outstanding loss and ALAE reserve is valued using an annual interest discount rate that exceeds the annual inflation in claim payments by 1.5%. This assumption is unchanged from our recent prior analyses. The outstanding loss and LAE reserve is determined using actuarial methods similar to those used in our recent prior analyses.

Total **case** outstanding loss and ALAE reserves **after** to the inclusion of the SB 1786 benefit revisions and prior to adjustment for prospective inflation and discount increased by \$ 17.3 million during the first six months of 2022 (as of June 30, 2022 relative to December 31, 2021 Section I, Exhibit I, Column (4)). Total loss and ALAE payments during the first half of 2022 were approximately \$ 48.5 million (Section I, Exhibit I, Column (2) minus Section I, Exhibit I, Column (2) of the December 31, 2021 report).

Total ultimate loss and ALAE estimates after consideration of anticipated inflation and investment income increased by approximately \$ 72.1 million relative to the estimates as shown in December 31, 2021 report (Section I, Exhibit I, Column (10) + Item (11B) minus Section I, Exhibit I, Column (10) of the December 31, 2021 report). A large portion of the increase in ultimate loss and ALAE during the first six

months of 2022 is due to changes in the parental award increase to include all previously deceased NICA accepted claimants and the increase in reserves to cover additional retroactive family care payments. Current reserve estimates reflect the purchase of insurance coverage to cover a large portion of the cost on a prospective basis.

A summary of the changes in the overall estimate of ultimate loss and ALAE from December 31, 2021 to June 30, 2022 (excluding the \$ 17.0 million increase related to retroactive family care not allocated to birth year) is shown in the table on the following page.

Ultimate - After Inflation & Discount

Birth Year	12/31/21	6/30/22	Change (3) - (2)
(1)	(2)	(3)	(4)
1989	29,164,798	30,635,523	1,470,724
1990	20,108,535	20,736,127	627,592
1991	29,000,326	29,822,505	822,179
1992	60,959,954	61,396,644	436,690
1993	55,851,901	56,816,935	965,035
1994	23,840,925	25,668,784	1,827,859
1995	38,191,482	38,749,639	558,157
1996	37,761,935	38,619,234	857,299
1997	55,204,643	56,172,502	967,859
1998	78,542,806	79,159,282	616,476
1999	26,751,661	28,677,722	1,926,061
2000	22,045,609	23,166,811	1,121,202
2001	27,943,745	28,984,844	1,041,099
2002	75,244,402	76,347,837	1,103,434
2003	20,700,364	21,428,042	727,678
2004	32,086,377	32,958,631	872,253
2005	41,169,699	42,105,667	935,968
2006	55,702,969	56,649,910	946,941
2007	42,093,230	43,445,772	1,352,541
2008	54,154,198	55,105,306	951,108
2009	58,232,412	59,204,457	972,045
2010	31,666,339	32,662,768	996,428
2011	56,679,611	57,009,938	330,327
2012	41,886,269	42,213,719	327,449
2013	36,167,322	36,926,852	759,529
2014	46,087,771	47,246,090	1,158,319
2015	73,182,063	73,880,051	697,988
2016	25,752,098	31,633,556	5,881,458
2017	67,290,308	68,052,004	761,696
2018	86,657,081	89,332,785	2,675,705
2019	72,365,997	67,632,195	(4,733,802)
2020	77,734,132	67,320,234	(10,413,899)
2021	61,630,342	61,941,784	311,442
2022 - 6		35,269,248	35,269,248
Totals:	1,561,851,306	1,616,973,394	55,122,088

Loss and LAE reserve estimates referenced above include the separate estimation of loss and ALAE and ULAE reserves. The ULAE reserve as of June 30, 2022 is developed on Section V, Exhibit I, Sheets 4a and 4b of the prior year-end report (i.e. as of December 31, 2021) and will be updated on an annual basis. The present value of the ULAE reserve estimate as of December 31, 2021 and as of June 30, 2022 is \$20.2 million and relates to the loss adjustment expense not allocated to a specific claim file that is associated with actual settlement of claims incurred prior to June 30, 2022.

The loss and LAE reserves are shown in the attached Section I, Exhibit I are stated on a present value basis. Since current case reserves established by NICA in the case reserve worksheets are recorded on a current (2021) cost level basis, both case reserves and the bulk / incurred but not reported (IBNR) reserves as shown in Section I, Exhibit I have been adjusted to include the estimated impact of inflation between the current (2021) evaluation date and the time at which actual payments are expected to be made by NICA. In addition, the payment stream after adjustment for inflation has been discounted to reflect an estimate of the investment income expected to be earned by NICA on assets representing the reserve funds, between the evaluation date of this report and the time period payments are expected to be made. The present value loss and LAE reserve estimate of \$1,258.6 million is shown in Item (12) of Section I, Exhibit I.

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

Actuarial Standards of Practice provide that a risk margin may be included in an unpaid claim estimate, and if it is, the risk margin and the basis for calculating it should be disclosed. As part of our determination of actuarially sound and appropriate reserve levels for NICA, an estimated risk margin was provided in prior reports.

The passage of SB 1786 (described below) will impact the risk margin calculation. Once the final decisions related to the changes under consideration as a result of this law change are taken, a revised risk margin calculation will be developed. In the interim we recommend that NICA maintain the current risk margin at a level no lower than \$75.5 million.

### **Senate Bill 1786**

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

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

- (1) Increase in the Parental Award from the current \$ 100,000 maximum to a maximum of \$ 250,000 for all current NICA claimants. This change will apply retroactively to all NICA claimants currently receiving benefit payments. The maximum Parental Award will increase by three percent a year beginning on January 1, 2022.

- (2) The current death benefit of \$ 10,000 will increase to \$ 50,000. The new death benefit of \$ 50,000 will apply to all current open claimants upon their death, as well as to all prior children who died since the inception of the program. Prior beneficiaries will receive additional amounts to bring the total to \$ 50,000 by July 1, 2021.
- (3) Housing assistance of up to \$ 100,000 for the life of the child, including home construction and modification cost.
- (4) A total annual benefit of up to \$ 10,000 for immediate family members who reside with the infant for psychotherapeutic services obtained from providers licensed under chapter 490 or chapter 491. We understand NICA interprets the \$ 10,000 as an aggregate limit for all family members.
- (5) For the life of the child, providing parents or legal guardians with a reliable method of transportation for the care of the child or reimbursing the cost of upgrading an existing vehicle to accommodate the child's needs when it becomes medically necessary for wheelchair transportation. The plan must replace any vans purchased by the plan every seven years or 150,000 miles, whichever comes first.

In addition to the changes described above, Section 7 of SB 1786 required the Agency for Health Care Administration ("the Agency") to review its Medicaid third party liability functions and rights under Florida statutes relative to NICA. This review must assess the extent and value of liabilities owed by NICA as a third-party benefit provider. Based on its findings, the Agency shall provide recommendations regarding the development of policies and procedures to ensure robust implementation of Agency functions and rights relative to the primacy of NICA's third-party benefits payable under NICA Statute 766.31 (1)(a)1 and any recoveries due the Agency. The final additional liability to NICA will be contingent upon the decisions taken by public officials related to the Agency's report, submitted November 1, 2021.

The reserve estimates as included in this report are based on the assumption that NICA will cover the majority of covered expenses on a prospective basis. This may



include some or all of the expenses that in prior years would have been reimbursed by Medicaid. These expenses include Nursing, Hospital, Physician, Drug and miscellaneous expenses. However, we are not aware of any specific legislation related to potential liability for prior payments made by Medicaid on behalf of NICA claimants until specific action is taken, it would be speculative to estimate the potential for reimbursement by NICA to Medicaid for payments actually made by Medicaid to NICA claimants.

### **Methodology - General**

As mentioned previously, the methodology used in this report and the prior year-end report evaluated as of December 31, 201 changed from the procedures used in reports prepared prior to December 31, 2021 (prior reports). While many of the methods as used in prior reports remain in the current report in Section V based on the year-end report, the majority of the analysis in the current report is new. A summary of the new procedure was provided earlier in the text. As mentioned this new procedure was included to overcome the one-time changes (i.e. in both amounts paid during 2021 and in the case reserving methods implemented at the end of 2021) to paid and incurred loss and ALAE amounts as of December 31, 2021 as a result of the impact of SB 1786.

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

In a similar manner the prior procedure results in an estimate of the 2021 level outstanding loss and ALAE for each birth year. However, the procedure relied primarily on a review of changes in the amounts paid by year and the changes in case outstanding loss and ALAE. A primary component of the prior approach included an implicit adjustment for increases in life expectancy over time as well as for changes in the estimated expense levels. The prior procedure relies upon the long-term consistency in the application of benefit levels and case reserving procedures. This approach results in the implicit adjustment over time based on historical development patterns. The changes resulting from the passage of SB 1786 distorted the long-term development patterns and will likely require the passage of time to fully understand.

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

### **Methodology – New Procedure**

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

estimated 2021 level average annual payment for each of the benefit type are based on the review of actual payment information for the period from 2013 to 2020.

The three benefit groups are defined as follows:

- (1) Nursing Care – includes all categories
- (2) Hospital, Physician Expense and Drugs
- (3) All Other Expense Categories

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

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

The estimated current level (2021) payment amounts are also developed separately for the two impairment groups. In addition, the actual historical payment information is further segregated into Medicaid and Non-Medicaid depending on whether or not the claimant has historically been receiving Medicaid benefits. This segregation was

necessary claimants since the prospective payment amounts are based on both actual NICA payments as well as Medicaid payments made on behalf of NICA claimants. A summary of the actual historical average payment amounts (by claimant age) as well as the final selected 2021 level averages for the two impairment groups and three benefit types are shown in Section IV, Exhibit IV, Sheets 2-5.

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

A summary of the year-end 2021 level estimates of ultimate loss and ALAE based on the revised procedure as of June 30, 2022, the current procedure developed as of December 31, 2021 and the estimates as developed in the quarter ending September 31, 2021 are shown in Section III, Exhibit I, Columns (2), (3) and (4), respectively. The final selected estimate prior to adjustment to include anticipated inflation and discount as of shown in Column (5) is based on the revised methodology (i.e. review by impairment severity and payment type).

The final selected current (year-end 2021) level reserve estimates evaluated as of June 30, 2022 are then adjusted to include the estimated impact of prospective inflation and anticipated investment income. This adjustment is shown in Section II, Exhibit I based on the long-term inflation and investment return selections of 3.5 % and 5.0 %, respectively. Due to recent changes in the inflation and investment return rates an alternative version is provided as an indication of the sensitivity of the current reserve estimate to potential short-term variations in the longer-term selections used as our best estimate. The resulting impact on the outstanding loss and ALAE reserve based on this alternative variation is shown in Section II, Exhibit II.

The final step in the loss reserve estimation process is to adjust the year-end 2021 cost level loss reserve estimates referenced above to include the estimated impact of prospective inflation (2022 and subsequent) and anticipated investment income (discount). The prospective period inflation rate is based on a review of historical and recent inflation rates as measured by the Consumer Price Index (both the all items and medical services indices) over the time period from 1960 to 2021. The prospective period investment returns are selected based on the review of geometric averages for investment returns for a model portfolio invested per NICA's current investment policy and for a conservative model portfolio over the period from 1926 to present as well as actual NICA investment returns over the period from 1991 to present. While the actual prospective period inflation rates and investment returns are subject to a significant degree of uncertainty the difference or increment between inflation and investment returns is of primary importance. Due to recent increases in overall inflation levels it is important to monitor any changes in the difference in overall inflation and inflation returns.

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

The loss and ALAE reserve estimates are developed based on the selected prospective period inflation rate, investment return and the assumed loss payment pattern for each birth year. The loss and ALAE payment patterns are developed separately for each birth year and are based on the open claims by severity

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

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

The loss development methods as used in prior reports is not included in the interim report as of June 30, 2022. The estimates as developed using these prior methods based on the loss information as shown in the December 31, 2021 report are shown for reference in Section V, Exhibit I. All support for these estimates is included by reference to our year – end report evaluated as of December 31, 2021.

The loss and allocated loss adjustment expense (ALAE) reserve estimates do not include a provision for unallocated loss adjustment expense (ULAE) reserves. ULAE reserves are intended to cover anticipated loss adjustment expenses not covered in the loss and ALAE reserve estimates.

The calculation of the ULAE reserve related to specific claims administration and settlement expenses for claims incurred prior to June 30, 2022 is based on the year-end calculation as shown in Section V, Exhibit I, Sheets 4a and 4b of the December 31, 2021 report. This procedure is similar to that utilized in the calculation of NICA loss and ALAE reserves in that current expense levels are projected forward to estimated prospective period cost levels and then adjusted to a present value basis. The present value calculation includes consideration of both anticipated investment income and expected mortality over the time period. The ULAE reserve included as of June 30, 2022 is \$ 20.2 million.

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

inflation rate is based on the greater concentration of general and administrative expense expected for prospective period ULAE payments.

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

### **Historical NICA Inflation**

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

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

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

An increase in the hourly rate for most parents providing care occurred in June 2008. The increase in the hourly rate for most parents effective in June, 2008 (from \$9.70 per hour to \$15.00 per hour) resulted in cost under the expense category Nursing

Care By Parents as shown on Section V, Exhibit VII, Sheets 1a, 1b, 1c and 1d. Some of the major expense groups' inflation rates were estimated using CPI indices.

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

We tabulated the total payments and case outstanding reserves by fiscal year for each of the major expense group. By far the largest expense category is nursing care. The historical inflation rate for each birth year is estimated by weighting the historical inflation rates by expense groups with that expense group's percentage of total payments (or case reserves) by year. Overall, the historical "true" inflation rate for NICA has been minimal. On a paid basis inflation has averaged approximately one percent over the time period from inception (1989) to current (2021) with the only major increase occurring during 2008 and 2009. This inflation rate does not include increases related to increased utilization of certain types of nursing and custodial care or increases in longevity relative to the initial estimates. These increases are reflected in the loss development triangles and are assumed to continue although at a decreasing rate as indicated by the declining loss development factors in the later development periods.

### **Prospective NICA Inflation**

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



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

### **Discount Rate**

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

The discount rate assumption is selected based on reasonable expectations for a prudent, conservative investment strategy. Section IX shows the change in the CPI all items index as compared to returns for various classes of investments from 1926-2021. Specifically, we have examined returns for both large and small company stocks, long and intermediate government bonds, and treasury bills. These indices are taken from Ibbotson's 2009 SBBI Classic Yearbook and updated based on recent Federal Reserve data and U.S. Bureau of Labor Reports.

We also calculated the geometric average return, the arithmetic average return, and the standard deviation for each class of investment and the model portfolios. Returns were then calculated for the periods 1926-1929, 1930-1939, 1940-1949, 1950-1959, 1960-1969, 1970-1979, 1980-1989, 1990-1999, 2000-2009 and 2010-2019.

Based on this analysis, we recommend that the discount rate used in the discounting of NICA's reserve liabilities ranges from 2 % to 4 % above the CPI - All items index. In our current reserve calculations we have assumed a 3.0 % spread to the CPI - All

items index. Based on a current selected CPI – All items inflation rate of two percent this produces a discount rate of 5.0 %. The 5.0 % appears to be reasonable based on NICA's actual average investment returns for the last twenty-eight years and based on the long-term averages.

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

### **Payment Pattern**

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

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

Evaluated as of June 30, 2022

Birth Year	2021 Level - Information Provided as of 6/30/22			2021 Level	2021 Level	Loss & Expense Reserve - After Inflation and Present Value Adjustment			Indicated Ultimate After Inflation & Present Value Adjustment (2) + (7)	Present Value Factor Applied to Reserves (8) / (4)
	Paid Loss & ALAE	Incurred Loss & ALAE	Case Outstanding Loss & ALAE (3) - (2)	Selected Total Outstanding Loss & ALAE (a)	Indicated IBNR / Bulk Loss & ALAE (5) - (4)	Outstanding Loss & ALAE (b)	Case Outstanding Loss & ALAE (4) X [(7)/(5)]	Indicated IBNR / Bulk Loss & ALAE (7) - (8)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	18,639,776	32,543,854	13,904,078	15,365,601	1,461,523	11,995,747	10,854,752	1,140,994	30,635,523	0.78069
1990	8,524,568	17,973,129	9,448,560	15,700,373	6,251,813	12,211,559	7,348,975	4,862,584	20,736,127	0.77779
1991	12,682,173	28,828,609	16,146,435	22,292,685	6,146,250	17,140,331	12,414,622	4,725,710	29,822,505	0.76888
1992	20,876,784	60,071,103	39,194,320	53,825,496	14,631,176	40,519,860	29,505,503	11,014,357	61,396,644	0.75280
1993	26,775,129	61,329,475	34,554,346	39,401,740	4,847,395	30,041,806	26,345,916	3,695,890	56,816,935	0.76245
1994	11,092,191	29,398,181	18,305,990	19,680,960	1,374,970	14,576,593	13,558,229	1,018,364	25,668,784	0.74064
1995	14,429,871	41,199,698	26,769,828	33,096,652	6,326,824	24,319,768	19,670,751	4,649,017	38,749,639	0.73481
1996	13,730,549	35,850,807	22,120,259	32,171,662	10,051,403	24,888,685	17,112,705	7,775,980	38,619,234	0.77362
1997	17,686,872	59,241,767	41,554,894	52,178,328	10,623,434	38,485,629	30,650,010	7,835,620	56,172,502	0.73758
1998	28,827,267	84,663,149	55,835,882	67,671,255	11,835,373	50,332,015	41,529,191	8,802,824	79,159,282	0.74377
1999	16,758,409	29,398,506	12,640,097	15,252,150	2,612,054	11,919,313	9,878,035	2,041,278	28,677,722	0.78148
2000	9,493,662	20,537,947	11,044,284	18,438,057	7,393,773	13,673,149	8,190,133	5,483,016	23,166,811	0.74157
2001	11,794,520	33,431,617	21,637,097	22,807,423	1,170,325	17,190,324	16,308,231	882,093	28,984,844	0.75372
2002	24,401,471	78,743,226	54,341,755	69,262,517	14,920,762	51,946,366	40,755,907	11,190,459	76,347,837	0.74999
2003	7,468,118	17,847,404	10,379,286	19,129,690	8,750,404	13,959,924	7,574,302	6,385,622	21,428,042	0.72975
2004	8,476,321	37,282,944	28,806,623	34,315,609	5,508,987	24,482,310	20,551,949	3,930,361	32,958,631	0.71345
2005	12,414,481	40,717,261	28,302,779	39,850,532	11,547,752	29,691,185	21,087,374	8,603,811	42,105,667	0.74506
2006	14,366,681	60,399,936	46,033,255	59,020,786	12,987,531	42,283,230	32,978,800	9,304,430	56,649,910	0.71641
2007	15,518,377	45,075,078	29,556,702	36,991,367	7,434,666	27,927,395	22,314,441	5,612,954	43,445,772	0.75497
2008	10,600,146	63,353,088	52,752,942	63,715,591	10,962,650	44,505,160	36,847,780	7,657,380	55,105,306	0.69850
2009	13,207,494	66,507,515	53,300,021	64,857,002	11,556,981	45,996,963	37,800,685	8,196,278	59,204,457	0.70921
2010	5,643,032	30,682,798	25,039,765	40,124,509	15,084,743	27,019,735	16,861,710	10,158,025	32,662,768	0.67340
2011	8,513,280	56,095,741	47,582,461	70,008,909	22,426,448	48,496,658	32,961,381	15,535,277	57,009,938	0.69272
2012	5,909,373	44,704,461	38,795,088	53,696,596	14,901,508	36,304,346	26,229,415	10,074,931	42,213,719	0.67610
2013	8,831,218	40,491,463	31,660,245	38,457,393	6,797,148	28,095,634	23,129,874	4,965,760	36,926,852	0.73057
2014	9,943,794	46,482,713	36,538,919	54,542,873	18,003,954	37,302,296	24,989,252	12,313,044	47,246,090	0.68391
2015	9,887,820	82,870,503	72,982,683	93,336,500	20,353,817	63,992,231	50,037,496	13,954,735	73,880,051	0.68561
2016	2,952,791	32,002,006	29,049,215	42,644,037	13,594,822	28,680,765	19,537,402	9,143,363	31,633,556	0.67256
2017	6,306,695	62,946,725	56,640,030	92,612,628	35,972,598	61,745,309	37,762,196	23,983,114	68,052,004	0.66671
2018	9,232,805	93,144,303	83,911,498	122,956,802	39,045,304	80,099,980	54,663,989	25,435,991	89,332,785	0.65145
2019	5,332,847	52,632,430	47,299,583	95,082,762	47,783,178	62,299,348	30,991,245	31,308,102	67,632,195	0.65521
2020	3,520,456	40,359,558	36,839,103	97,229,321	60,390,218	63,799,778	24,173,023	39,626,755	67,320,234	0.65618
2021	1,682,031	4,915,238	3,233,207	91,811,158	88,577,950	60,259,753	2,122,098	58,137,655	61,941,784	0.65634
2022 - 6 mo.	0	0	0	53,524,645	53,524,645	35,269,248	0	35,269,248	35,269,248	0.65893
Totals:	395,520,999	1,531,722,231	1,136,201,231	1,741,053,608	604,852,377	1,221,452,395	806,737,373	414,715,021	1,616,973,394	
(11A) Estimated Outstanding ULAE - 12/31/21 (c) =====>						20,162,351				
(11B) Estimated Outstanding Retroactive Family Care Reserve 6/30/22 (d) =====>						17,000,000				
(12) Indicated Outstanding Loss & LAE - 6/30/22 = Col. (7) Total + (11A) + (11B)						1,258,614,746				

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

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

Evaluated as of June 30, 2022

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

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

Estimation of Outstanding Loss & Expense

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

Description of Selected Claim Classification Categories

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

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

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

Evaluated as of June 30, 2022

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

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

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

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

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

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

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

Estimation of Outstanding Loss & Expense

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

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

Evaluated as of June 30, 2022

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

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

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



Estimation of Outstanding Loss & Expense

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

Evaluated as of June 30, 2022

Indicated Outstanding Loss & ALAE - 2021 Level

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

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

Estimation of Outstanding Loss & Expense

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

Outstanding Loss & ALAE - 2021 Expense Level

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

Evaluated as of June 30, 2022

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

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

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

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

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

Evaluated as of June 30, 2022

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

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

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

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

Outstanding Loss & ALAE - After Estimated Inflation and Anticipated Investment Income

**Alternative Inflation / Investment Assumptions - Short Term Inflation Increase and Investment Decrease Before Return to Long Term Assumptions(3.5 % Inflation and 5.0 % Investment Income)**

Evaluated as of June 30, 2022

Implied Average  
Inflation / Investment  
Discount Factor

Birth Year	After Inflation & Discount Outstanding Loss & ALAE Related to the Review of All Classes and Three Expense Categories (a)	Discounted Outstanding Loss & ALAE Related to Parental Award, Burial Expense & DA Claims (b)	After Inflation & Discount Outstanding Loss & ALAE Combined (2) + (3)	Related to Claim Class / Three Expense Categories Col. (2) / Col.(2) Sect. IV Exh. I, Sh. 1	Related to Parental Award, Burial Expense & DA Claims (b) Col. (3) / Col.(3) Sect. IV Exh. I, Sh. 1
(1)	(2)	(3)	(4)	(5)	(6)
1989	12,911,563	109,077	13,020,641	0.85168	0.53061
1990	13,098,451	152,667	13,251,118	0.84778	0.61067
1991	18,380,385	214,550	18,594,936	0.83766	0.61260
1992	43,871,639	124,247	43,995,886	0.82194	0.27610
1993	32,425,782	187,493	32,613,275	0.83193	0.44116
1994	15,588,001	222,542	15,810,543	0.80585	0.65938
1995	26,293,739	107,168	26,400,907	0.80172	0.35723
1996	26,561,654	435,649	26,997,303	0.84198	0.69704
1997	41,249,586	502,192	41,751,778	0.80286	0.62776
1998	54,329,266	310,598	54,639,864	0.81122	0.44439
1999	12,774,746	160,564	12,935,310	0.85153	0.64226
2000	14,719,467	120,460	14,839,928	0.80818	0.53536
2001	18,541,727	119,435	18,661,162	0.82198	0.47774
2002	56,063,452	327,404	56,390,857	0.81795	0.45378
2003	15,027,063	123,735	15,150,798	0.79510	0.53782
2004	26,390,464	181,010	26,571,474	0.77741	0.49082
2005	31,952,124	273,288	32,225,411	0.81199	0.54658
2006	45,419,458	457,799	45,877,257	0.77988	0.58555
2007	30,032,677	274,985	30,307,662	0.82278	0.56119
2008	47,764,008	513,694	48,277,702	0.75985	0.60053
2009	49,592,237	323,931	49,916,168	0.77274	0.47637
2010	29,087,086	227,421	29,314,508	0.73287	0.52286
2011	52,088,406	522,654	52,611,060	0.75368	0.58287
2012	38,969,017	411,258	39,380,276	0.73517	0.59607
2013	30,357,260	146,863	30,504,123	0.79704	0.39693
2014	40,351,952	145,166	40,497,118	0.74584	0.32991
2015	68,657,295	765,245	69,422,540	0.74576	0.60115
2016	30,540,041	552,914	31,092,954	0.72950	0.70931
2017	65,926,345	1,019,268	66,945,614	0.72367	0.67397
2018	85,216,054	1,596,311	86,812,365	0.70588	0.71474
2019	66,219,883	1,295,774	67,515,657	0.70986	0.72088
2020	66,056,306	2,947,009	69,003,315	0.70439	0.85400
2021	60,842,495	4,212,866	65,055,361	0.69829	0.90012
2022 - 6 mo.	35,127,950	2,910,269	38,038,219	0.69775	0.91508
Totals:	1,302,427,581	21,995,508	1,324,423,088	0.76187	0.69752

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

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

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

By Claim Class and Expense Category  
Segregated By Birth Year

Birth Year	Claim Class A				Claim Classes B, C & D				All Claim Classes			
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Parental Award & Burial (2) + (3)+ (4)	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Parental Award & Burial (6) + (7)+ (8)	Nursing Care (2) + (6)	Hospitals, Physicians & Drugs (3) + (7)	All Other Expense - Excl. Parental Award & Burial Expense (4) + (8)	Combined Parental Award & Burial (5) + (9)
1989	2,606,419	275,671	500,738	3,382,828	8,326,007	1,692,216	1,758,981	11,777,203	10,932,425	1,967,887	2,259,719	15,160,031
1990	2,661,283	276,853	511,278	3,449,415	8,499,273	1,706,100	1,795,585	12,000,958	11,160,556	1,982,954	2,306,864	15,450,373
1991	2,805,616	278,001	521,803	3,605,420	13,009,098	2,579,590	2,748,346	18,337,034	15,814,714	2,857,591	3,270,149	21,942,454
1992	2,770,781	279,057	532,315	3,582,154	35,385,693	6,931,947	7,475,702	49,793,342	38,156,474	7,211,005	8,008,017	53,375,496
1993	5,650,880	560,136	1,085,632	7,296,647	22,550,949	4,364,953	4,764,190	31,680,093	28,201,829	4,925,089	5,849,822	38,976,740
1994	0	0	0	0	13,791,850	2,637,897	2,913,713	19,343,460	13,791,850	2,637,897	2,913,713	19,343,460
1995	0	0	0	0	23,422,109	4,426,308	4,948,235	32,796,652	23,422,109	4,426,308	4,948,235	32,796,652
1996	8,966,377	846,319	1,722,596	11,535,292	14,314,511	2,672,726	3,024,132	20,011,370	23,280,888	3,519,046	4,746,728	31,546,662
1997	3,042,842	282,482	584,582	3,909,906	34,009,155	6,274,401	7,184,890	47,468,446	37,051,997	6,556,883	7,769,473	51,378,352
1998	9,265,383	848,641	1,780,040	11,894,065	39,516,401	7,213,480	8,348,370	55,078,251	48,781,784	8,062,122	10,128,410	66,972,316
1999	6,252,633	566,827	1,201,239	8,020,698	5,014,921	907,062	1,059,469	6,981,452	11,267,553	1,473,889	2,260,708	15,002,150
2000	3,164,573	284,095	607,969	4,056,638	10,180,612	1,825,009	2,150,791	14,156,411	13,345,185	2,109,104	2,758,760	18,213,049
2001	6,406,492	569,840	1,230,798	8,207,130	10,331,566	1,836,046	2,182,862	14,350,293	16,738,057	2,405,886	3,413,480	22,557,423
2002	19,454,066	1,715,289	3,737,462	24,906,817	31,448,514	5,541,765	6,643,920	43,634,199	50,902,580	7,257,054	10,381,383	68,541,016
2003	3,263,362	286,969	628,131	4,178,462	10,620,133	1,857,384	2,243,645	14,721,162	13,883,495	2,144,353	2,871,776	18,899,624
2004	3,267,637	288,176	631,230	4,187,043	21,487,378	3,732,904	4,539,497	29,759,779	24,755,015	4,021,080	5,170,727	33,946,821
2005	13,094,444	1,158,008	2,538,302	16,790,755	16,302,112	2,813,625	3,444,040	22,559,777	29,396,556	3,971,633	5,982,342	39,350,532
2006	9,845,230	872,973	1,914,785	12,632,988	32,981,929	5,656,172	6,967,875	45,605,975	42,827,159	6,529,145	8,882,660	58,238,963
2007	16,460,026	1,463,211	3,211,446	21,134,682	11,121,668	1,895,415	2,349,602	15,366,685	27,581,695	3,358,625	5,561,047	36,501,367
2008	6,608,645	588,902	1,293,297	8,490,844	39,379,471	6,670,431	8,319,441	54,369,343	45,988,116	7,259,332	9,612,739	62,860,187
2009	13,274,148	1,185,619	2,605,258	17,065,025	34,147,902	5,749,873	7,214,202	47,111,977	47,422,050	6,935,492	9,819,460	64,177,002
2010	0	0	0	0	28,788,363	4,819,261	6,081,928	39,689,552	28,788,363	4,819,261	6,081,928	39,689,552
2011	10,055,228	902,022	1,984,210	12,941,459	40,770,933	6,786,424	8,613,406	56,170,763	50,826,161	7,688,445	10,597,616	69,112,223
2012	3,370,247	302,948	666,738	4,339,934	35,347,900	5,851,090	7,467,718	48,666,708	38,718,148	6,154,038	8,134,456	53,006,642
2013	16,835,434	1,549,181	3,351,220	21,735,835	11,876,458	1,961,813	2,513,286	16,351,558	28,711,892	3,510,994	5,864,507	38,087,393
2014	10,030,740	963,154	2,016,088	13,009,983	29,826,716	4,933,288	6,332,869	41,092,873	39,857,456	5,896,442	8,348,957	54,102,856
2015	19,933,743	1,992,413	4,044,372	25,970,527	47,941,315	7,939,489	10,212,205	66,093,009	67,875,058	9,931,902	14,256,577	92,063,536
2016	6,606,208	685,802	1,352,660	8,644,670	24,080,857	3,992,983	5,146,016	33,219,857	30,687,065	4,678,785	6,498,677	41,864,527
2017	14,211,481	1,529,138	2,935,891	18,676,510	52,466,167	8,710,424	11,247,185	72,423,777	66,677,648	10,239,562	14,183,077	91,100,287
2018	10,874,408	1,210,447	2,266,008	14,350,863	77,011,519	12,800,938	16,560,052	106,372,508	87,885,927	14,011,384	18,826,060	120,723,371
2019	12,945,028	1,488,018	2,720,237	17,153,283	55,084,018	9,167,051	11,880,913	76,131,983	68,029,046	10,655,070	14,601,150	93,285,266
2020	12,814,165	1,518,616	2,714,792	17,047,573	55,483,661	9,244,409	12,002,863	76,730,932	68,297,826	10,763,024	14,717,655	93,778,505
2021	11,555,780	1,409,763	2,437,797	15,403,341	51,871,433	8,652,505	11,203,518	71,727,457	63,427,214	10,062,269	13,641,315	87,130,798
2022 -6 mo.	7,403,593	902,142	1,560,076	9,865,811	29,247,376	4,915,997	6,315,101	40,478,474	36,650,969	5,818,139	7,875,177	50,344,285
	275,496,891	27,080,714	54,888,993	357,466,599	975,637,968	168,760,975	207,654,369	1,352,053,313	1,251,134,859	195,841,689	262,543,363	1,709,519,911

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

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

Birth Year	Claim Class A				Claim Classes B, C & D				All Claim Classes			
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (2) + (3)+ (4)	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (6) + (7)+ (8)	Nursing Care (2) + (6)	Hospitals, Physicians & Drugs (3) + (7)	All Other Expense - Excl. Parental Award & Burial Expense (4) + (8)	Combined Expense - Except Parental Award & Burial (5) + (9)
1989	2,256,575	229,856	433,527	2,919,957	6,397,453	1,217,711	1,351,548	8,966,712	8,654,028	1,447,566	1,785,075	11,886,669
1990	2,297,303	230,053	441,352	2,968,709	6,498,507	1,218,779	1,372,897	9,090,183	8,795,811	1,448,832	1,814,249	12,058,892
1991	2,428,167	230,217	449,116	3,107,500	9,897,847	1,829,381	2,091,053	13,818,281	12,326,014	2,059,598	2,540,169	16,925,781
1992	2,377,828	230,289	456,822	3,064,940	26,790,668	4,880,117	5,659,888	37,330,673	29,168,497	5,110,406	6,116,710	40,395,613
1993	4,835,304	460,635	928,945	6,224,885	16,989,623	3,050,520	3,589,286	23,629,429	21,824,927	3,511,155	4,518,231	29,854,313
1994	0	0	0	0	10,339,643	1,830,020	2,184,388	14,354,051	10,339,643	1,830,020	2,184,388	14,354,051
1995	0	0	0	0	17,473,275	3,047,862	3,691,464	24,212,600	17,473,275	3,047,862	3,691,464	24,212,600
1996	7,605,535	688,290	1,461,155	9,754,980	10,626,532	1,826,527	2,244,997	14,698,057	18,232,067	2,514,817	3,706,152	24,453,036
1997	2,573,554	228,849	494,424	3,296,826	25,123,452	4,255,492	5,307,666	34,686,610	27,697,006	4,484,341	5,802,090	37,983,437
1998	7,809,698	684,914	1,500,378	9,994,990	29,036,467	4,855,616	6,134,343	40,026,427	36,846,165	5,540,530	7,634,721	50,021,417
1999	5,250,233	455,815	1,008,660	6,714,708	3,663,943	606,042	774,057	5,044,041	8,914,175	1,061,856	1,782,717	11,758,749
2000	2,647,432	227,668	508,617	3,383,717	7,396,019	1,210,444	1,562,508	10,168,972	10,043,451	1,438,113	2,071,126	13,552,689
2001	5,340,339	455,155	1,025,971	6,821,465	7,463,633	1,208,997	1,576,793	10,249,423	12,803,972	1,664,152	2,602,764	17,070,889
2002	16,159,910	1,365,759	3,104,598	20,630,267	22,592,485	3,623,244	4,772,965	30,988,695	38,752,395	4,989,004	7,877,563	51,618,962
2003	2,698,175	227,803	519,560	3,445,538	7,583,173	1,205,431	1,602,047	10,390,651	10,281,348	1,433,234	2,121,607	13,836,189
2004	2,686,589	228,097	519,603	3,434,289	15,242,613	2,404,191	3,220,206	20,867,010	17,929,202	2,632,288	3,739,809	24,301,299
2005	10,708,465	914,029	2,079,759	13,702,252	11,489,753	1,798,529	2,427,364	15,715,646	22,198,217	2,712,557	4,507,123	29,417,898
2006	8,010,173	687,189	1,561,915	10,259,277	23,097,663	3,588,800	4,879,691	31,566,154	31,107,835	4,275,989	6,441,606	31,107,835
2007	13,326,581	1,148,808	2,608,441	17,083,830	7,739,625	1,193,855	1,635,100	10,568,580	21,066,206	2,342,663	4,243,541	27,652,410
2008	5,325,521	461,191	1,046,143	6,832,855	27,233,849	4,171,246	5,753,516	37,158,611	32,559,371	4,632,437	6,799,659	43,991,466
2009	10,648,792	926,209	2,099,029	13,674,030	23,470,476	3,570,072	4,958,453	31,999,002	34,119,269	4,496,281	7,057,482	45,673,032
2010	0	0	0	0	19,666,252	2,971,303	4,154,759	26,792,314	19,666,252	2,971,303	4,154,759	26,792,314
2011	7,998,266	701,294	1,586,617	10,286,176	27,683,988	4,155,225	5,848,614	37,687,827	35,682,254	4,856,519	7,435,230	47,974,004
2012	2,670,056	234,984	531,217	3,436,257	23,858,352	3,558,081	5,040,397	32,456,830	26,528,408	3,793,066	5,571,613	35,893,087
2013	13,261,012	1,204,239	2,658,548	17,123,799	7,955,128	1,184,948	1,684,895	10,824,972	21,216,140	2,389,187	4,343,443	27,948,771
2014	7,843,439	752,816	1,591,544	10,187,799	19,795,727	2,959,903	4,213,702	26,969,332	27,639,166	3,712,719	5,805,247	37,157,131
2015	15,477,661	1,564,171	3,177,675	20,219,508	31,530,599	4,732,257	6,744,623	43,007,479	47,008,260	6,296,428	9,922,298	63,226,987
2016	5,094,832	540,278	1,057,969	6,693,079	15,696,407	2,364,519	3,373,847	21,434,772	20,791,239	2,904,797	4,431,816	28,127,852
2017	10,889,114	1,207,917	2,286,242	14,383,273	33,897,106	5,124,931	7,320,731	46,342,768	44,786,220	6,332,849	9,606,972	60,726,041
2018	8,280,277	958,110	1,757,149	10,995,537	49,322,174	7,483,886	10,702,073	67,508,132	57,602,451	8,441,995	12,459,222	78,503,668
2019	9,797,943	1,179,515	2,100,787	13,078,246	34,975,414	5,325,791	7,624,124	47,925,328	44,773,357	6,505,306	9,724,911	61,003,574
2020	9,643,122	1,204,895	2,088,330	12,936,347	34,930,110	5,337,458	7,648,854	47,916,422	44,573,232	6,542,353	9,737,184	60,852,769
2021	8,648,108	1,119,084	1,860,834	11,628,026	32,382,401	4,965,155	7,071,305	44,418,861	41,030,509	6,084,239	8,932,139	56,046,887
2022 6 mo.	5,523,070	713,134	1,187,172	7,423,377	18,168,857	2,800,412	3,966,334	24,935,603	23,691,927	3,513,546	5,153,507	32,358,980
	220,113,075	21,461,264	44,132,100	285,706,439	666,009,214	105,556,746	142,184,488	913,750,448	886,122,289	127,018,009	186,316,589	1,199,456,887

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

**Estimation of Prospective Cost - After Alternative Estimates of Anticipated Inflation and Investment Income (a)**  
**Alternative Inflation / Investment Assumptions - Short Term Inflation Increase and Investment Decrease Before a Return to Long Term Assumptions (3.5 % Inflation and 5.0 % Investment Income)**  
 By Claim Class and Expense Category  
 Segregated By Birth Year

Birth Year	Claim Class A				Claim Classes B, C & D				All Claim Classes				
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (2) + (3)+ (4)	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (6) + (7)+ (8)	Nursing Care (2) + (6)	Hospitals, Physicians & Drugs (3) + (7)	All Other Expense - Excl. Parental Award & Burial Expense (4) + (8)	Combined Expense - Except Parental Award & Burial (5) + (9)	
													(1)
1989	2,452,498	249,734	471,167	3,173,399	6,948,233	1,322,023	1,467,907	9,738,164	9,400,732	1,571,757	1,939,075	12,911,563	
1990	2,496,715	249,950	479,662	3,226,327	7,057,874	1,323,180	1,491,071	9,872,124	9,554,589	1,573,129	1,970,733	13,098,451	
1991	2,635,424	250,129	488,091	3,373,644	10,749,649	1,986,085	2,271,007	15,006,741	13,385,073	2,236,214	2,759,098	18,380,385	
1992	2,584,133	250,210	496,457	3,330,799	29,095,820	5,298,137	6,146,882	40,540,839	31,679,953	5,548,347	6,643,339	43,871,639	
1993	5,254,729	500,476	1,009,524	6,764,729	18,451,198	3,311,792	3,898,063	25,661,053	23,705,926	3,812,269	4,907,587	32,425,782	
1994	0	0	0	0	11,228,981	1,986,748	2,372,273	15,588,001	11,228,981	1,986,748	2,372,273	15,588,001	
1995	0	0	0	0	18,975,940	3,308,877	4,008,922	26,293,739	18,975,940	3,308,877	4,008,922	26,293,739	
1996	8,264,831	747,809	1,587,817	10,600,456	11,540,242	1,982,924	2,438,031	15,961,198	19,805,073	2,730,733	4,025,848	26,561,654	
1997	2,796,600	248,630	537,275	3,582,505	27,283,322	4,619,790	5,763,968	37,667,080	30,079,922	4,868,421	6,301,243	41,249,586	
1998	8,487,363	744,084	1,630,569	10,862,016	31,534,084	5,271,167	6,661,998	43,467,250	40,021,447	6,015,252	8,292,567	54,329,266	
1999	5,705,796	495,167	1,096,182	7,297,146	3,979,076	657,891	840,633	5,477,600	9,684,872	1,153,058	1,936,815	12,774,746	
2000	2,876,909	247,314	552,704	3,676,928	8,031,747	1,313,978	1,696,814	11,042,540	10,908,657	1,561,292	2,249,518	14,719,467	
2001	5,802,915	494,421	1,114,840	7,412,176	8,104,892	1,312,391	1,712,267	11,129,550	13,907,808	1,806,811	2,827,108	18,541,727	
2002	17,558,323	1,483,567	3,373,257	22,415,148	24,532,419	3,933,084	5,182,802	33,648,305	42,090,742	5,416,651	8,556,060	56,063,452	
2003	2,932,224	247,453	564,583	3,744,260	8,234,580	1,308,557	1,739,665	11,282,803	11,166,804	1,556,010	2,304,249	15,027,063	
2004	2,919,646	247,773	564,625	3,732,044	16,551,757	2,609,882	3,496,781	22,658,420	19,471,403	2,857,655	4,061,406	26,390,464	
2005	11,635,557	992,876	2,259,722	14,888,154	12,475,912	1,952,353	2,635,704	17,063,969	24,111,469	2,945,229	4,895,425	31,952,124	
2006	8,702,800	746,470	1,696,954	11,146,225	25,079,228	3,895,682	5,298,323	34,273,233	33,782,029	4,642,152	6,995,277	45,419,458	
2007	14,476,718	1,247,913	2,833,672	18,558,303	8,403,179	1,295,910	1,775,284	11,474,374	22,879,897	2,543,823	4,608,956	30,032,677	
2008	5,784,590	500,977	1,136,402	7,421,969	29,567,716	4,527,747	6,246,576	40,342,039	35,352,306	5,028,724	7,382,978	47,764,008	
2009	11,566,249	1,006,113	2,280,062	14,852,424	25,481,367	3,875,166	5,383,280	34,739,813	37,047,616	4,881,279	7,663,342	49,592,237	
2010	0	0	0	0	21,351,140	3,225,231	4,510,715	29,087,086	21,351,140	3,225,231	4,510,715	29,087,086	
2011	8,687,448	761,795	1,723,460	11,172,703	30,055,696	4,510,339	6,349,669	40,915,703	38,743,144	5,272,133	8,073,129	52,088,406	
2012	2,900,136	255,256	577,033	3,732,425	25,902,232	3,862,166	5,472,194	35,236,592	28,802,368	4,117,422	6,049,227	38,969,017	
2013	14,408,078	1,307,259	2,888,219	18,603,557	18,603,557	1,286,219	1,829,388	11,753,704	23,046,174	2,593,478	4,717,608	30,357,260	
2014	8,522,237	817,176	1,729,062	11,068,475	21,495,525	3,212,872	4,575,081	29,283,478	30,017,762	4,030,048	6,304,143	40,351,952	
2015	16,813,866	1,698,609	3,451,942	21,964,417	34,233,598	5,136,705	7,322,575	46,692,978	51,047,465	6,835,313	10,774,517	68,657,295	
2016	5,534,002	586,853	1,149,221	7,270,076	17,040,562	2,566,607	3,662,796	23,269,964	22,574,564	3,153,460	4,812,017	30,540,041	
2017	11,825,436	1,312,505	2,483,225	15,621,166	36,795,051	5,562,946	7,947,182	50,305,179	48,620,487	6,875,451	10,430,408	65,926,345	
2018	8,991,170	1,041,269	1,908,446	11,940,884	53,534,276	8,123,519	11,617,375	73,275,170	62,525,446	9,164,787	13,525,821	85,216,054	
2019	10,638,557	1,281,972	2,281,618	14,202,147	37,960,750	5,780,978	8,276,008	52,017,736	48,599,307	7,062,950	10,557,626	66,219,883	
2020	10,470,566	1,309,497	2,268,094	14,048,156	37,911,654	5,793,645	8,302,851	52,008,150	48,382,220	7,103,142	10,570,945	66,056,306	
2021	9,390,267	1,216,185	2,022,153	12,628,605	35,146,546	5,389,524	7,677,820	48,213,890	44,536,813	6,605,709	9,699,973	60,842,495	
2022 - 6 mo.	5,996,990	775,000	1,290,069	8,062,059	19,719,656	3,039,737	4,306,499	27,065,891	25,716,646	3,814,736	5,596,568	35,127,950	
	239,112,773	23,314,440	47,946,108	310,373,321	723,092,000	114,583,853	154,378,406	992,054,259	962,204,774	137,898,293	202,324,514	1,302,427,581	

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

Estimation of Prospective Cost - Current Level (2021)

By Claim Class and Expense Category

Calendar Year	Claim Class A				Claim Classes B, C & D				All Claim Classes			
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Excl. Parental Award & Burial (2) + (3)+ (4)	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Excl. Parental Award & Burial (6) + (7)+ (8)	Nursing Care (2) + (6)	Hospitals, Physicians & Drugs (3) + (7)	All Other Expense - Excl. Parental Award & Burial Expense (4) + (8)	Combined Expense - Excl. Parental Award & Burial (5) + (9)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
2022 - 6 Mo	5,211,247	691,419	1,097,453	7,000,119	8,010,199	1,043,629	1,764,284	10,818,112	13,221,446	1,735,048	2,861,737	17,818,232
2023	10,173,648	1,294,569	2,243,466	13,711,683	16,106,734	2,087,224	3,695,053	21,889,011	26,280,382	3,381,794	5,938,518	35,600,694
2024	9,991,332	1,228,016	2,183,755	13,403,104	16,257,269	2,090,737	3,704,382	22,052,387	26,248,601	3,318,753	5,888,137	35,455,491
2025	10,012,555	1,139,202	2,145,011	13,296,767	16,518,374	2,092,565	3,724,832	22,335,771	26,530,928	3,231,767	5,869,843	35,632,538
2026	9,837,671	1,086,059	2,089,814	13,013,544	16,658,588	2,098,111	3,736,639	22,493,338	26,496,259	3,184,171	5,826,453	35,506,883
2027	9,862,404	1,017,110	2,060,676	12,940,190	16,964,716	2,096,548	3,764,452	22,825,715	26,827,119	3,113,659	5,825,128	35,765,906
2028	9,676,844	958,847	2,002,699	12,638,390	17,443,808	2,100,477	3,812,833	23,357,117	27,120,652	3,059,324	5,815,531	35,995,508
2029	9,568,230	898,168	1,954,525	12,420,924	17,781,594	2,103,943	3,846,773	23,732,311	27,349,825	3,002,112	5,801,298	36,153,234
2030	9,374,811	840,893	1,898,786	12,114,490	18,088,627	2,106,580	3,874,517	24,069,724	27,463,439	2,947,473	5,773,302	36,184,214
2031	9,312,220	772,581	1,857,178	11,941,979	18,601,961	2,111,559	3,929,914	24,643,433	27,914,180	2,884,140	5,787,092	36,585,412
2032	9,013,001	746,325	1,795,649	11,554,975	18,552,918	2,115,951	3,919,553	24,588,422	27,565,920	2,862,276	5,715,202	36,143,397
2033	8,785,348	721,723	1,741,600	11,248,671	18,499,667	2,116,808	3,908,303	24,524,779	27,285,016	2,838,531	5,649,902	35,773,450
2034	8,528,927	697,903	1,685,742	10,912,572	18,471,808	2,123,502	3,902,417	24,497,728	27,000,736	2,821,405	5,588,159	35,410,300
2035	8,304,457	674,681	1,631,855	10,610,993	18,468,794	2,135,282	3,901,780	24,505,856	26,773,251	2,809,963	5,533,635	35,116,849
2036	8,017,609	651,850	1,572,497	10,241,956	18,429,584	2,145,774	3,893,497	24,468,854	26,447,192	2,797,625	5,465,993	34,710,810
2037	7,767,981	629,631	1,517,215	9,914,827	18,436,737	2,164,942	3,895,008	24,496,687	26,204,718	2,794,573	5,412,223	34,411,514
2038	7,535,846	607,753	1,467,115	9,610,715	18,449,875	2,190,750	3,897,784	24,538,409	25,985,722	2,798,503	5,364,899	34,149,124
2039	7,301,328	586,903	1,416,019	9,304,251	18,441,519	2,214,649	3,896,018	24,552,186	25,742,847	2,801,553	5,312,038	33,856,438
2040	7,094,333	566,844	1,370,620	9,031,797	18,458,906	2,241,202	3,899,691	24,599,799	25,553,239	2,808,046	5,270,311	33,631,596
2041	6,892,414	548,066	1,324,152	8,764,632	18,482,331	2,274,142	3,904,640	24,661,113	25,374,746	2,822,207	5,228,792	33,425,745
2042	6,598,135	529,821	1,267,616	8,395,572	18,380,632	2,295,169	3,883,155	24,558,956	24,978,767	2,824,990	5,150,771	32,954,528
2043	6,303,425	512,561	1,210,997	8,026,983	18,314,364	2,320,463	3,869,155	24,503,982	24,617,789	2,833,025	5,080,152	32,530,965
2044	6,021,571	495,757	1,156,848	7,674,176	18,206,803	2,348,236	3,846,431	24,401,470	24,228,374	2,843,993	5,003,279	32,075,646
2045	5,747,075	479,768	1,104,112	7,330,955	18,094,635	2,379,713	3,822,734	24,297,083	23,841,710	2,859,481	4,926,847	31,628,038
2046	5,493,754	464,717	1,055,445	7,013,916	18,017,261	2,415,220	3,806,388	24,238,870	23,511,015	2,879,937	4,861,833	31,252,785
2047	5,206,271	450,186	1,000,215	6,656,671	17,806,099	2,453,108	3,761,777	24,020,984	23,012,369	2,903,294	4,761,992	30,677,655
2048	4,928,177	435,752	946,788	6,310,717	17,590,527	2,490,218	3,716,235	23,796,980	22,518,704	2,925,969	4,663,023	30,107,696
2049	4,659,351	421,427	895,142	5,975,921	17,370,317	2,528,733	3,669,712	23,568,762	22,029,668	2,950,160	4,564,854	29,544,682
2050	4,399,686	406,817	845,256	5,651,759	17,145,247	2,564,678	3,622,163	23,332,088	21,544,933	2,971,495	4,467,419	28,983,847
2051	4,149,080	391,812	797,110	5,338,002	16,915,108	2,595,346	3,573,543	23,083,997	21,064,188	2,987,158	4,370,653	28,421,999
2052	3,907,439	377,135	750,687	5,035,261	16,679,676	2,627,303	3,523,805	22,830,784	20,587,115	3,004,438	4,274,492	27,866,045
2053	3,674,667	362,555	705,967	4,743,190	16,438,712	2,656,743	3,472,898	22,568,352	20,113,379	3,019,298	4,178,865	27,311,542
2054	3,450,668	348,022	662,933	4,461,624	16,191,973	2,681,089	3,420,771	22,293,833	19,642,641	3,029,112	4,083,704	26,755,457
2055	3,235,344	333,294	621,565	4,190,203	15,939,229	2,703,899	3,367,376	22,010,504	19,174,573	3,037,193	3,988,941	26,200,707
2056	3,028,595	318,990	581,846	3,929,430	15,680,262	2,721,629	3,312,666	21,714,557	18,708,857	3,040,619	3,894,511	25,643,987
2057	2,830,323	304,764	543,754	3,678,840	15,414,862	2,733,989	3,256,596	21,405,447	18,245,185	3,038,753	3,800,350	25,084,287
2058	2,640,425	290,887	507,271	3,438,584	15,142,850	2,747,560	3,199,130	21,089,541	17,783,276	3,038,447	3,706,402	24,528,125
2059	2,458,802	277,599	472,378	3,208,779	14,864,094	2,757,114	3,140,239	20,761,447	17,322,896	3,034,713	3,612,617	23,970,226
2060	2,285,342	264,531	439,054	2,988,927	14,578,483	2,764,782	3,079,900	20,423,165	16,863,825	3,029,314	3,518,954	23,412,092
2061	2,119,925	251,568	407,274	2,778,768	14,285,912	2,769,491	3,018,090	20,073,493	16,405,837	3,021,059	3,425,365	22,852,261
2062	1,962,426	239,200	377,016	2,578,642	13,986,266	2,773,189	2,954,786	19,714,242	15,948,692	3,012,389	3,331,802	22,292,883
2063	1,812,714	227,046	348,254	2,388,014	13,679,448	2,772,962	2,889,967	19,342,377	15,492,162	3,000,008	3,238,221	21,730,391
2064	1,670,658	214,872	320,962	2,206,492	13,365,424	2,772,631	2,823,625	18,961,680	15,036,082	2,987,503	3,144,587	21,168,172
2065	1,536,123	203,274	295,116	2,034,513	13,044,212	2,770,612	2,755,765	18,570,589	14,580,336	2,973,885	3,050,881	20,605,102
2066	1,408,969	191,632	270,687	1,871,288	12,715,869	2,767,402	2,686,398	18,169,669	14,124,838	2,959,034	2,957,085	20,040,957
2067	1,289,042	180,326	247,647	1,717,015	12,380,462	2,758,615	2,615,539	17,754,616	13,669,504	2,938,940	2,863,186	19,471,631
2068	1,176,181	169,125	225,965	1,571,270	12,038,130	2,746,538	2,543,216	17,327,885	13,214,311	2,915,663	2,769,181	18,899,155
2069	1,070,218	158,364	205,607	1,434,189	11,689,133	2,730,969	2,469,486	16,889,588	12,759,350	2,889,333	2,675,093	18,323,777
2070	970,974	147,596	186,541	1,305,110	11,333,843	2,708,220	2,394,426	16,436,490	12,304,817	2,855,816	2,580,967	17,741,600
2071	878,262	137,193	168,729	1,184,184	10,972,711	2,680,901	2,318,132	15,971,744	11,850,972	2,818,094	2,486,861	17,155,928
Subtotal: 2022 to 2071	269,175,827	25,945,138	53,674,608	348,795,573	805,386,554	120,690,900	171,686,475	1,097,763,929	1,074,562,381	146,636,038	225,361,083	1,446,559,502



Estimation of Prospective Cost - Current Level (2021)

By Claim Class and Expense Category

Calendar Year	Claim Class A				Claim Classes B, C & D				All Claim Classes			
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (2) + (3)+ (4)	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Combined Expense - Except Parental Award & Burial (6) + (7)+ (8)	Nursing Care (2) + (6)	Hospitals, Physicians & Drugs (3) + (7)	All Other Expense - Excl. Parental Award & Burial Expense (4) + (8)	Combined Expense - Except Parental Award & Burial (5) + (9)
2072	791,883	126,884	152,134	1,070,902	10,606,259	2,649,578	2,240,714	15,496,551	11,398,141	2,776,463	2,392,849	16,567,453
2073	711,633	117,014	136,717	965,364	10,235,082	2,610,522	2,162,298	15,007,902	10,946,715	2,727,536	2,299,015	15,973,267
2074	637,298	107,365	122,436	867,100	9,859,894	2,564,685	2,083,035	14,507,613	10,497,192	2,672,050	2,205,471	15,374,713
2075	568,655	98,254	109,248	776,158	9,481,506	2,515,644	2,003,095	14,000,246	10,050,161	2,613,899	2,112,344	14,776,404
2076	505,468	89,407	97,109	691,984	9,100,794	2,458,058	1,922,665	13,481,516	9,606,262	2,547,465	2,019,774	14,173,501
2077	447,495	80,959	85,972	614,425	8,718,668	2,393,843	1,841,935	12,954,446	9,166,163	2,474,802	1,927,907	13,568,872
2078	394,490	72,863	75,788	543,142	8,336,093	2,326,864	1,761,112	12,424,069	8,730,584	2,399,727	1,836,900	12,967,211
2079	346,205	65,124	66,512	477,841	7,954,065	2,252,959	1,680,403	11,887,427	8,300,270	2,318,083	1,746,915	12,365,268
2080	302,392	57,704	58,095	418,190	7,573,572	2,170,378	1,600,019	11,343,969	7,875,964	2,228,082	1,658,113	11,762,160
2081	262,801	50,931	50,489	364,221	7,195,584	2,087,670	1,520,164	10,803,417	7,458,385	2,138,601	1,570,652	11,167,637
2082	227,182	44,561	43,646	315,390	6,821,048	1,997,461	1,441,038	10,259,547	7,048,230	2,042,023	1,484,683	10,574,937
2083	195,287	38,636	37,518	271,441	6,450,885	1,900,441	1,362,836	9,714,161	6,646,172	1,939,077	1,400,354	9,985,602
2084	166,867	33,249	32,058	232,174	6,085,994	1,801,414	1,285,748	9,173,155	6,252,860	1,834,663	1,317,806	9,405,329
2085	141,674	28,324	27,218	197,216	5,726,984	1,698,734	1,209,902	8,635,620	5,868,658	1,727,058	1,237,120	8,832,836
2086	119,468	23,885	22,952	166,305	5,374,847	1,594,284	1,135,509	8,104,639	5,494,315	1,618,168	1,158,460	8,270,944
2087	100,012	19,995	19,214	139,220	5,030,295	1,492,083	1,062,717	7,585,095	5,130,307	1,512,078	1,081,931	7,724,316
2088	83,074	16,608	15,960	115,642	4,693,470	1,392,174	991,558	7,077,202	4,776,543	1,408,782	1,007,518	7,192,844
2089	68,429	13,681	13,146	95,256	4,365,753	1,294,967	922,324	6,583,044	4,434,182	1,308,647	935,470	6,678,299
2090	55,859	11,168	10,732	77,759	4,047,749	1,200,641	855,141	6,103,531	4,103,609	1,211,808	865,873	6,181,290
2091	45,156	9,028	8,675	62,859	3,739,429	1,109,187	790,005	5,638,621	3,784,585	1,118,215	798,680	5,701,480
2092	36,119	7,221	6,939	50,279	3,441,352	1,020,772	727,032	5,189,155	3,477,471	1,027,993	733,971	5,239,435
2093	28,560	5,710	5,487	39,757	3,153,159	935,288	666,147	4,754,594	3,181,719	940,998	671,634	4,794,350
2094	22,302	4,459	4,285	31,045	2,875,659	852,976	607,521	4,336,156	2,897,960	857,435	611,806	4,367,201
2095	17,179	3,435	3,300	23,914	2,610,249	774,250	551,450	3,935,949	2,627,428	777,685	554,751	3,959,864
2096	13,038	2,607	2,505	18,149	2,356,735	699,053	497,892	3,553,680	2,369,773	701,660	500,397	3,571,830
2097	9,736	1,946	1,870	13,553	2,115,599	627,528	446,949	3,190,075	2,125,335	629,474	448,819	3,203,628
2098	7,143	1,428	1,372	9,943	1,886,616	559,607	398,573	2,844,796	1,893,759	561,035	399,945	2,854,739
2099	5,140	1,028	988	7,156	1,671,156	495,697	353,054	2,519,907	1,676,296	496,725	354,042	2,527,063
2100	3,622	724	696	5,042	1,469,447	435,866	310,440	2,215,754	1,473,069	436,591	311,136	2,220,796
2101	2,493	498	479	3,471	1,281,704	380,178	270,777	1,932,659	1,284,197	380,677	271,256	1,936,130
2102	1,673	334	321	2,329	1,107,896	328,623	234,058	1,670,577	1,109,569	328,958	234,379	1,672,906
2103	1,091	218	210	1,519	948,771	281,424	200,441	1,430,635	949,862	281,642	200,650	1,432,154
2104	690	138	132	960	803,893	238,450	169,833	1,212,177	804,583	238,588	169,966	1,213,137
2105	421	84	81	586	673,344	199,727	142,253	1,015,324	673,765	199,811	142,334	1,015,910
2106	247	49	47	344	557,204	165,277	117,717	840,198	557,451	165,327	117,764	840,542
2107	139	28	27	193	454,729	134,881	96,068	685,677	454,867	134,909	96,094	685,870
2108	74	15	14	103	365,812	108,507	77,283	551,602	365,886	108,522	77,297	551,705
2109	37	7	7	52	289,910	85,993	61,247	437,151	289,948	86,001	61,255	437,203
2110	18	4	3	25	225,788	66,973	47,701	340,461	225,805	66,977	47,704	340,486
2111	8	2	1	11	172,178	51,071	36,375	259,624	172,186	51,073	36,376	259,635
2112	3	1	1	4	128,630	38,154	27,175	193,959	128,633	38,155	27,175	193,964
2113	1	0	0	2	93,493	27,732	19,752	140,976	93,494	27,732	19,752	140,978
2114	0	0	0	1	65,481	19,423	13,834	98,738	65,482	19,423	13,834	98,739
2115	0	0	0	0	44,043	13,064	9,305	66,411	44,043	13,064	9,305	66,411
2116	0	0	0	0	28,082	8,330	5,933	42,344	28,082	8,330	5,933	42,344
2117	0	0	0	0	16,740	4,965	3,536	25,241	16,740	4,965	3,536	25,241
2118	0	0	0	0	9,091	2,697	1,921	13,708	9,091	2,697	1,921	13,708
2119	0	0	0	0	4,556	1,351	962	6,870	4,556	1,351	962	6,870
2120	0	0	0	0	2,129	632	450	3,211	2,129	632	450	3,211
2121	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal: 2022 to 2071	6,321,064	1,135,576	1,214,386	8,671,026	170,251,414	48,070,076	35,967,894	254,289,383	176,572,478	49,205,652	37,182,280	262,960,409
Totals	275,496,891	27,080,714	54,888,993	357,466,599	975,637,968	168,760,975	207,654,369	1,352,053,313	1,251,134,859	195,841,689	262,543,363	1,709,519,911

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

By Claim Class and Expense Category

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

Calendar Year	Before Inflation / Investment Income			Inflation / Investment Factors			After Inflation / Investment Income		
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care (2) X (5)	Hospitals, Physicians & Drugs (3) X (6)	All Other Expense - Excl. Parental Award & Burial Expense (4) X (7)
2022 - 6 Mo	13,221,446	1,735,048	2,861,737	1.0101	1.0101	1.0101	13,354,409	1,752,497	2,890,516
2023	26,280,382	3,381,794	5,938,518	0.9956	0.9956	0.9956	26,165,463	3,367,006	5,912,550
2024	26,248,601	3,318,753	5,888,137	0.9814	0.9814	0.9814	25,760,481	3,257,037	5,778,641
2025	26,530,928	3,231,767	5,869,843	0.9674	0.9674	0.9674	25,665,593	3,126,359	5,678,391
2026	26,496,259	3,184,171	5,826,453	0.9536	0.9536	0.9536	25,265,882	3,036,311	5,555,896
2027	26,827,119	3,113,659	5,825,128	0.9399	0.9399	0.9399	25,215,930	2,926,658	5,475,281
2028	27,120,652	3,059,324	5,815,531	0.9265	0.9265	0.9265	25,127,665	2,834,507	5,388,171
2029	27,349,825	3,002,112	5,801,298	0.9133	0.9133	0.9133	24,977,996	2,741,763	5,298,199
2030	27,463,439	2,947,473	5,773,302	0.9002	0.9002	0.9002	24,723,447	2,653,407	5,197,307
2031	27,914,180	2,884,140	5,787,092	0.8874	0.8874	0.8874	24,770,230	2,559,302	5,135,297
2032	27,565,920	2,862,276	5,715,202	0.8747	0.8747	0.8747	24,111,748	2,503,616	4,999,053
2033	27,285,016	2,838,531	5,649,902	0.8622	0.8622	0.8622	23,525,099	2,447,378	4,871,337
2034	27,000,736	2,821,405	5,588,159	0.8499	0.8499	0.8499	22,947,422	2,397,860	4,749,272
2035	26,773,251	2,809,963	5,533,635	0.8377	0.8377	0.8377	22,429,029	2,354,019	4,635,749
2036	26,447,192	2,797,625	5,465,993	0.8258	0.8258	0.8258	21,839,364	2,310,202	4,513,667
2037	26,204,718	2,794,573	5,412,223	0.8140	0.8140	0.8140	21,330,005	2,274,715	4,405,418
2038	25,985,722	2,798,503	5,364,899	0.8023	0.8023	0.8023	20,849,579	2,245,372	4,304,513
2039	25,742,847	2,801,553	5,312,038	0.7909	0.7909	0.7909	20,359,642	2,215,707	4,201,213
2040	25,553,239	2,808,046	5,270,311	0.7796	0.7796	0.7796	19,920,974	2,189,116	4,108,666
2041	25,374,746	2,822,207	5,228,792	0.7685	0.7685	0.7685	19,499,225	2,168,725	4,018,066
2042	24,978,767	2,824,990	5,150,771	0.7575	0.7575	0.7575	18,920,722	2,139,851	3,901,566
2043	24,617,789	2,833,025	5,080,152	0.7467	0.7467	0.7467	18,380,901	2,115,281	3,793,101
2044	24,228,374	2,843,993	5,003,279	0.7360	0.7360	0.7360	17,831,714	2,093,136	3,682,337
2045	23,841,710	2,859,481	4,926,847	0.7255	0.7255	0.7255	17,296,461	2,074,470	3,574,283
2046	23,511,015	2,879,937	4,861,833	0.7151	0.7151	0.7151	16,812,887	2,059,463	3,476,730
2047	23,012,369	2,903,294	4,761,992	0.7049	0.7049	0.7049	16,221,212	2,046,506	3,356,685
2048	22,518,704	2,925,969	4,663,023	0.6948	0.6948	0.6948	15,646,471	2,033,025	3,239,967
2049	22,029,668	2,950,160	4,564,854	0.6849	0.6849	0.6849	15,088,012	2,020,550	3,126,446
2050	21,544,933	2,971,495	4,467,419	0.6751	0.6751	0.6751	14,545,219	2,006,089	3,016,003
2051	21,064,188	2,987,158	4,370,653	0.6655	0.6655	0.6655	14,017,511	1,987,853	2,908,523
2052	20,587,115	3,004,438	4,274,492	0.6560	0.6560	0.6560	13,504,320	1,970,790	2,803,895
2053	20,113,379	3,019,298	4,178,865	0.6466	0.6466	0.6466	13,005,088	1,952,245	2,702,008
2054	19,642,641	3,029,112	4,083,704	0.6374	0.6374	0.6374	12,519,276	1,930,610	2,602,757
2055	19,174,573	3,037,193	3,988,941	0.6282	0.6282	0.6282	12,046,366	1,908,107	2,506,040
2056	18,708,857	3,040,619	3,894,511	0.6193	0.6193	0.6193	11,585,871	1,882,970	2,411,762
2057	18,245,185	3,038,753	3,800,350	0.6104	0.6104	0.6104	11,137,321	1,854,931	2,319,830
2058	17,783,276	3,038,447	3,706,402	0.6017	0.6017	0.6017	10,700,284	1,828,249	2,230,160
2059	17,322,896	3,034,713	3,612,617	0.5931	0.5931	0.5931	10,274,367	1,799,916	2,142,676
2060	16,863,825	3,029,314	3,518,954	0.5846	0.5846	0.5846	9,859,201	1,771,046	2,057,307
2061	16,405,837	3,021,059	3,425,365	0.5763	0.5763	0.5763	9,454,424	1,740,989	1,973,983
2062	15,948,692	3,012,389	3,331,802	0.5681	0.5681	0.5681	9,059,679	1,711,192	1,892,635
2063	15,492,162	3,000,008	3,238,221	0.5599	0.5599	0.5599	8,674,627	1,679,814	1,813,198
2064	15,036,082	2,987,503	3,144,587	0.5519	0.5519	0.5519	8,298,976	1,648,915	1,735,615
2065	14,580,336	2,973,885	3,050,881	0.5441	0.5441	0.5441	7,932,470	1,617,950	1,659,840
2066	14,124,838	2,959,034	2,957,085	0.5363	0.5363	0.5363	7,574,874	1,586,872	1,585,827
2067	13,669,504	2,938,940	2,863,186	0.5286	0.5286	0.5286	7,225,963	1,553,581	1,513,535
2068	13,214,311	2,915,663	2,769,181	0.5211	0.5211	0.5211	6,885,549	1,519,257	1,442,930
2069	12,759,350	2,889,333	2,675,093	0.5136	0.5136	0.5136	6,553,505	1,484,030	1,373,991
2070	12,304,817	2,855,816	2,580,967	0.5063	0.5063	0.5063	6,229,760	1,445,860	1,306,708
2071	11,850,972	2,818,094	2,486,861	0.4991	0.4991	0.4991	5,914,270	1,406,380	1,241,077
Subtotal: 2022 to 2071	1,074,562,381	146,636,038	225,361,083				811,036,484	106,231,485	170,508,623

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

By Claim Class and Expense Category

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

Calendar Year	Before Inflation / Investment Income			Inflation / Investment Factors			After Inflation / Investment Income		
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care (2) X (5)	Hospitals, Physicians & Drugs (3) X (6)	All Other Expense - Excl. Parental Award & Burial Expense (4) X (7)
2072	11,398,141	2,776,463	2,392,849	0.4919	0.4919	0.4919	5,607,022	1,365,809	1,177,100
2073	10,946,715	2,727,536	2,299,015	0.4849	0.4849	0.4849	5,308,027	1,322,573	1,114,785
2074	10,497,192	2,672,050	2,205,471	0.4780	0.4780	0.4780	5,017,340	1,277,159	1,054,148
2075	10,050,161	2,613,899	2,112,344	0.4711	0.4711	0.4711	4,735,048	1,231,516	995,213
2076	9,606,262	2,547,465	2,019,774	0.4644	0.4644	0.4644	4,461,253	1,183,071	938,005
2077	9,166,163	2,474,802	1,927,907	0.4578	0.4578	0.4578	4,196,054	1,132,906	882,551
2078	8,730,584	2,399,727	1,836,900	0.4512	0.4512	0.4512	3,939,561	1,082,845	828,877
2079	8,300,270	2,318,083	1,746,915	0.4448	0.4448	0.4448	3,691,882	1,031,061	777,011
2080	7,875,964	2,228,082	1,658,113	0.4384	0.4384	0.4384	3,453,110	976,872	726,977
2081	7,458,385	2,138,601	1,570,652	0.4322	0.4322	0.4322	3,223,313	924,246	678,794
2082	7,048,230	2,042,023	1,484,683	0.4260	0.4260	0.4260	3,002,540	869,900	632,474
2083	6,646,172	1,939,077	1,400,354	0.4199	0.4199	0.4199	2,790,817	814,244	588,027
2084	6,252,860	1,834,663	1,317,806	0.4139	0.4139	0.4139	2,588,151	759,394	545,459
2085	5,868,658	1,727,058	1,237,120	0.4080	0.4080	0.4080	2,394,422	704,643	504,747
2086	5,494,315	1,618,168	1,158,460	0.4022	0.4022	0.4022	2,209,665	650,784	465,902
2087	5,130,307	1,512,078	1,081,931	0.3964	0.3964	0.3964	2,033,796	599,429	428,908
2088	4,776,543	1,408,782	1,007,518	0.3908	0.3908	0.3908	1,866,503	550,502	393,702
2089	4,434,182	1,308,647	935,470	0.3852	0.3852	0.3852	1,707,967	504,068	360,326
2090	4,103,609	1,211,808	865,873	0.3797	0.3797	0.3797	1,558,056	460,099	328,754
2091	3,784,585	1,118,215	798,680	0.3743	0.3743	0.3743	1,416,402	418,498	298,910
2092	3,477,471	1,027,993	733,971	0.3689	0.3689	0.3689	1,282,870	379,236	270,768
2093	3,181,719	940,998	671,634	0.3636	0.3636	0.3636	1,156,997	342,183	244,232
2094	2,897,960	857,435	611,806	0.3584	0.3584	0.3584	1,038,757	307,342	219,298
2095	2,627,428	777,685	554,751	0.3533	0.3533	0.3533	928,332	274,774	196,006
2096	2,369,773	701,660	500,397	0.3483	0.3483	0.3483	825,335	244,371	174,276
2097	2,125,335	629,474	448,819	0.3433	0.3433	0.3433	729,629	216,099	154,080
2098	1,893,759	561,035	399,945	0.3384	0.3384	0.3384	640,841	189,852	135,340
2099	1,676,296	496,725	354,042	0.3336	0.3336	0.3336	559,149	165,689	118,095
2100	1,473,069	436,591	311,136	0.3288	0.3288	0.3288	484,340	143,550	102,301
2101	1,284,197	380,677	271,256	0.3241	0.3241	0.3241	416,208	123,377	87,914
2102	1,109,569	328,958	234,379	0.3195	0.3195	0.3195	354,474	105,092	74,877
2103	949,862	281,642	200,650	0.3149	0.3149	0.3149	299,117	88,691	63,186
2104	804,583	238,588	169,966	0.3104	0.3104	0.3104	249,748	74,059	52,759
2105	673,765	199,811	142,334	0.3060	0.3060	0.3060	206,154	61,137	43,550
2106	557,451	165,327	117,764	0.3016	0.3016	0.3016	168,128	49,863	35,518
2107	454,867	134,909	96,094	0.2973	0.2973	0.2973	135,229	40,108	28,568
2108	365,886	108,522	77,297	0.2930	0.2930	0.2930	107,222	31,802	22,652
2109	289,948	86,001	61,255	0.2889	0.2889	0.2889	83,754	24,842	17,694
2110	225,805	66,977	47,704	0.2847	0.2847	0.2847	64,294	19,070	13,583
2111	172,186	51,073	36,376	0.2807	0.2807	0.2807	48,327	14,334	10,210
2112	128,633	38,155	27,175	0.2767	0.2767	0.2767	35,587	10,556	7,518
2113	93,494	27,732	19,752	0.2727	0.2727	0.2727	25,496	7,563	5,386
2114	65,482	19,423	13,834	0.2688	0.2688	0.2688	17,602	5,221	3,719
2115	44,043	13,064	9,305	0.2650	0.2650	0.2650	11,670	3,462	2,465
2116	28,082	8,330	5,933	0.2612	0.2612	0.2612	7,334	2,176	1,550
2117	16,740	4,965	3,536	0.2575	0.2575	0.2575	4,310	1,278	910
2118	9,091	2,697	1,921	0.2538	0.2538	0.2538	2,307	684	487
2119	4,556	1,351	962	0.2501	0.2501	0.2501	1,140	338	241
2120	2,129	632	450	0.2466	0.2466	0.2466	525	156	111
Subtotal: 2022 to 2071	176,572,478	49,205,652	37,182,280				75,085,805	20,786,524	15,807,966
Totals	1,251,134,859	195,841,689	262,543,363				886,122,289	127,018,009	186,316,589

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

By Claim Class and Expense Category

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

Calendar Year	Before Inflation / Investment Income			Inflation / Investment Factors			After Inflation / Investment Income		
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care (2) X (5)	Hospitals, Physicians & Drugs (3) X (6)	All Other Expense - Excl. Parental Award & Burial Expense (4) X (7)
2022 - 6 Mo	13,221,446	1,735,048	2,861,737	1.0590	1.0590	1.0590	14,001,870	1,837,463	3,030,657
2023	26,280,382	3,381,794	5,938,518	1.0792	1.0792	1.0792	28,361,764	3,649,629	6,408,844
2024	26,248,601	3,318,753	5,888,137	1.0792	1.0792	1.0792	28,327,466	3,581,595	6,354,472
2025	26,530,928	3,231,767	5,869,843	1.0590	1.0590	1.0590	28,096,973	3,422,528	6,216,323
2026	26,496,259	3,184,171	5,826,453	1.0490	1.0490	1.0490	27,795,538	3,340,311	6,112,161
2027	26,827,119	3,113,659	5,825,128	1.0292	1.0292	1.0292	27,611,629	3,204,712	5,995,473
2028	27,120,652	3,059,324	5,815,531	1.0098	1.0098	1.0098	27,387,071	3,089,378	5,872,660
2029	27,349,825	3,002,112	5,801,298	0.9908	0.9908	0.9908	27,097,392	2,974,403	5,747,754
2030	27,463,439	2,947,473	5,773,302	0.9766	0.9766	0.9766	26,821,243	2,878,550	5,638,302
2031	27,914,180	2,884,140	5,787,092	0.9627	0.9627	0.9627	26,871,996	2,776,460	5,571,029
2032	27,565,920	2,862,276	5,715,202	0.9489	0.9489	0.9489	26,157,641	2,716,049	5,423,225
2033	27,285,016	2,838,531	5,649,902	0.9354	0.9354	0.9354	25,521,215	2,655,039	5,284,673
2034	27,000,736	2,821,405	5,588,159	0.9220	0.9220	0.9220	24,894,522	2,601,320	5,152,250
2035	26,773,251	2,809,963	5,533,635	0.9088	0.9088	0.9088	24,332,143	2,553,759	5,029,094
2036	26,447,192	2,797,625	5,465,993	0.8958	0.8958	0.8958	23,692,444	2,506,223	4,896,654
2037	26,204,718	2,794,573	5,412,223	0.8830	0.8830	0.8830	23,139,866	2,467,726	4,779,220
2038	25,985,722	2,798,503	5,364,899	0.8704	0.8704	0.8704	22,618,676	2,435,893	4,669,753
2039	25,742,847	2,801,553	5,312,038	0.8580	0.8580	0.8580	22,087,168	2,403,711	4,557,688
2040	25,553,239	2,808,046	5,270,311	0.8457	0.8457	0.8457	21,611,279	2,374,864	4,457,288
2041	25,374,746	2,822,207	5,228,792	0.8337	0.8337	0.8337	21,153,744	2,352,743	4,359,001
2042	24,978,767	2,824,990	5,150,771	0.8217	0.8217	0.8217	20,526,155	2,321,419	4,232,616
2043	24,617,789	2,833,025	5,080,152	0.8100	0.8100	0.8100	19,940,530	2,294,764	4,114,948
2044	24,228,374	2,843,993	5,003,279	0.7984	0.7984	0.7984	19,344,743	2,270,739	3,994,785
2045	23,841,710	2,859,481	4,926,847	0.7870	0.7870	0.7870	18,764,074	2,250,490	3,877,562
2046	23,511,015	2,879,937	4,861,833	0.7758	0.7758	0.7758	18,239,469	2,234,209	3,771,732
2047	23,012,369	2,903,294	4,761,992	0.7647	0.7647	0.7647	17,597,590	2,220,153	3,641,501
2048	22,518,704	2,925,969	4,663,023	0.7538	0.7538	0.7538	16,974,082	2,205,529	3,514,879
2049	22,029,668	2,950,160	4,564,854	0.7430	0.7430	0.7430	16,368,237	2,191,995	3,391,727
2050	21,544,933	2,971,495	4,467,419	0.7324	0.7324	0.7324	15,779,388	2,176,307	3,271,913
2051	21,064,188	2,987,158	4,370,653	0.7219	0.7219	0.7219	15,206,903	2,156,524	3,155,313
2052	20,587,115	3,004,438	4,274,492	0.7116	0.7116	0.7116	14,650,168	2,138,013	3,041,807
2053	20,113,379	3,019,298	4,178,865	0.7015	0.7015	0.7015	14,108,577	2,117,893	2,931,275
2054	19,642,641	3,029,112	4,083,704	0.6914	0.6914	0.6914	13,581,542	2,094,423	2,823,602
2055	19,174,573	3,037,193	3,988,941	0.6816	0.6816	0.6816	13,068,506	2,070,011	2,718,679
2056	18,708,857	3,040,619	3,894,511	0.6718	0.6718	0.6718	12,568,938	2,042,741	2,616,401
2057	18,245,185	3,038,753	3,800,350	0.6622	0.6622	0.6622	12,082,328	2,012,323	2,516,668
2058	17,783,276	3,038,447	3,706,402	0.6528	0.6528	0.6528	11,608,208	1,983,376	2,419,390
2059	17,322,896	3,034,713	3,612,617	0.6434	0.6434	0.6434	11,146,152	1,952,640	2,324,483
2060	16,863,825	3,029,314	3,518,954	0.6342	0.6342	0.6342	10,695,759	1,921,320	2,231,871
2061	16,405,837	3,021,059	3,425,365	0.6252	0.6252	0.6252	10,256,636	1,888,712	2,141,477
2062	15,948,692	3,012,389	3,331,802	0.6163	0.6163	0.6163	9,828,397	1,856,388	2,053,226
2063	15,492,162	3,000,008	3,238,221	0.6074	0.6074	0.6074	9,410,673	1,822,347	1,967,049
2064	15,036,082	2,987,503	3,144,587	0.5988	0.5988	0.5988	9,003,148	1,788,826	1,882,883
2065	14,580,336	2,973,885	3,050,881	0.5902	0.5902	0.5902	8,605,543	1,755,234	1,800,678
2066	14,124,838	2,959,034	2,957,085	0.5818	0.5818	0.5818	8,217,606	1,721,519	1,720,385
2067	13,669,504	2,938,940	2,863,186	0.5735	0.5735	0.5735	7,839,090	1,685,403	1,641,959
2068	13,214,311	2,915,663	2,769,181	0.5653	0.5653	0.5653	7,469,791	1,648,167	1,565,364
2069	12,759,350	2,889,333	2,675,093	0.5572	0.5572	0.5572	7,109,573	1,609,951	1,490,575
2070	12,304,817	2,855,816	2,580,967	0.5492	0.5492	0.5492	6,758,358	1,568,542	1,417,583
2071	11,850,972	2,818,094	2,486,861	0.5414	0.5414	0.5414	6,416,099	1,525,712	1,346,383
Subtotal: 2022 to 2071	1,074,562,381	146,636,038	225,361,083				880,747,902	115,348,023	185,175,235

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

By Claim Class and Expense Category

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

Calendar Year	Before Inflation / Investment Income			Inflation / Investment Factors			After Inflation / Investment Income		
	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care	Hospitals, Physicians & Drugs	All Other Expense - Excl. Parental Award & Burial Expense	Nursing Care (2) X (5)	Hospitals, Physicians & Drugs (3) X (6)	All Other Expense - Excl. Parental Award & Burial Expense (4) X (7)
2072	11,398,141	2,776,463	2,392,849	0.5337	0.5337	0.5337	6,082,781	1,481,699	1,276,978
2073	10,946,715	2,727,536	2,299,015	0.5260	0.5260	0.5260	5,758,415	1,434,794	1,209,375
2074	10,497,192	2,672,050	2,205,471	0.5185	0.5185	0.5185	5,443,063	1,385,526	1,143,593
2075	10,050,161	2,613,899	2,112,344	0.5111	0.5111	0.5111	5,136,820	1,336,011	1,079,657
2076	9,606,262	2,547,465	2,019,774	0.5038	0.5038	0.5038	4,839,793	1,283,455	1,017,595
2077	9,166,163	2,474,802	1,927,907	0.4966	0.4966	0.4966	4,552,091	1,229,034	957,435
2078	8,730,584	2,399,727	1,836,900	0.4895	0.4895	0.4895	4,273,834	1,174,725	899,207
2079	8,300,270	2,318,083	1,746,915	0.4825	0.4825	0.4825	4,005,140	1,118,548	842,941
2080	7,875,964	2,228,082	1,658,113	0.4756	0.4756	0.4756	3,746,108	1,059,760	788,662
2081	7,458,385	2,138,601	1,570,652	0.4688	0.4688	0.4688	3,496,813	1,002,668	736,389
2082	7,048,230	2,042,023	1,484,683	0.4621	0.4621	0.4621	3,257,307	943,711	686,140
2083	6,646,172	1,939,077	1,400,354	0.4555	0.4555	0.4555	3,027,619	883,333	637,922
2084	6,252,860	1,834,663	1,317,806	0.4490	0.4490	0.4490	2,807,757	823,829	591,742
2085	5,868,658	1,727,058	1,237,120	0.4426	0.4426	0.4426	2,597,590	764,432	547,575
2086	5,494,315	1,618,168	1,158,460	0.4363	0.4363	0.4363	2,397,157	706,003	505,434
2087	5,130,307	1,512,078	1,081,931	0.4301	0.4301	0.4301	2,206,364	650,291	465,301
2088	4,776,543	1,408,782	1,007,518	0.4239	0.4239	0.4239	2,024,877	597,212	427,108
2089	4,434,182	1,308,647	935,470	0.4179	0.4179	0.4179	1,852,889	546,838	390,900
2090	4,103,609	1,211,808	865,873	0.4119	0.4119	0.4119	1,690,258	499,138	356,649
2091	3,784,585	1,118,215	798,680	0.4060	0.4060	0.4060	1,536,584	454,008	324,273
2092	3,477,471	1,027,993	733,971	0.4002	0.4002	0.4002	1,391,723	411,414	293,743
2093	3,181,719	940,998	671,634	0.3945	0.3945	0.3945	1,255,168	371,218	264,955
2094	2,897,960	857,435	611,806	0.3889	0.3889	0.3889	1,126,896	333,420	237,906
2095	2,627,428	777,685	554,751	0.3833	0.3833	0.3833	1,007,101	298,089	212,638
2096	2,369,773	701,660	500,397	0.3778	0.3778	0.3778	895,365	265,106	189,064
2097	2,125,335	629,474	448,819	0.3724	0.3724	0.3724	791,538	234,435	167,154
2098	1,893,759	561,035	399,945	0.3671	0.3671	0.3671	695,217	205,961	146,824
2099	1,676,296	496,725	354,042	0.3619	0.3619	0.3619	606,593	179,747	128,115
2100	1,473,069	436,591	311,136	0.3567	0.3567	0.3567	525,437	155,730	110,981
2101	1,284,197	380,677	271,256	0.3516	0.3516	0.3516	451,524	133,846	95,374
2102	1,109,569	328,958	234,379	0.3466	0.3466	0.3466	384,551	114,009	81,230
2103	949,862	281,642	200,650	0.3416	0.3416	0.3416	324,497	96,216	68,547
2104	804,583	238,588	169,966	0.3367	0.3367	0.3367	270,940	80,343	57,235
2105	673,765	199,811	142,334	0.3319	0.3319	0.3319	223,646	66,324	47,246
2106	557,451	165,327	117,764	0.3272	0.3272	0.3272	182,394	54,094	38,532
2107	454,867	134,909	96,094	0.3225	0.3225	0.3225	146,703	43,511	30,992
2108	365,886	108,522	77,297	0.3179	0.3179	0.3179	116,319	34,500	24,574
2109	289,948	86,001	61,255	0.3134	0.3134	0.3134	90,861	26,950	19,195
2110	225,805	66,977	47,704	0.3089	0.3089	0.3089	69,750	20,689	14,735
2111	172,186	51,073	36,376	0.3045	0.3045	0.3045	52,427	15,551	11,076
2112	128,633	38,155	27,175	0.3001	0.3001	0.3001	38,607	11,451	8,156
2113	93,494	27,732	19,752	0.2958	0.2958	0.2958	27,659	8,204	5,843
2114	65,482	19,423	13,834	0.2916	0.2916	0.2916	19,096	5,664	4,034
2115	44,043	13,064	9,305	0.2875	0.2875	0.2875	12,660	3,755	2,675
2116	28,082	8,330	5,933	0.2833	0.2833	0.2833	7,957	2,360	1,681
2117	16,740	4,965	3,536	0.2793	0.2793	0.2793	4,675	1,387	988
2118	9,091	2,697	1,921	0.2753	0.2753	0.2753	2,503	742	529
2119	4,556	1,351	962	0.2714	0.2714	0.2714	1,236	367	261
2120	2,129	632	450	0.2675	0.2675	0.2675	570	169	120
Subtotal: 2022 to 2071	176,572,478	49,205,652	37,182,280				81,456,871	22,550,271	17,149,279
Totals	1,251,134,859	195,841,689	262,543,363				962,204,774	137,898,293	202,324,514

Estimation of Outstanding Loss & ALAE Reserves - Excluding Parental Award and Death Benefit  
After Estimated Inflation and Investment Income  
Evaluated as of June 30, 2022

Alternative Inflation / Investment Rates

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

Notes: (a) Based on long-term inflation and investment return assumptions selected based on a review of U.S. experience from 1929 to 2020.

Estimation of Outstanding Loss & ALAE Reserves - Excluding Parental Award and Death Benefit  
After Estimated Inflation and Investment Income  
Evaluated as of June 30, 2022

Alternative Inflation / Investment Rates

Prospective Inflation

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

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

Estimation of Outstanding Loss & ALAE Reserves  
Summary of Open (Reported and Unreported) Claim Counts by Claim Classification Category  
Evaluated as of June 30, 2022

By Claim Class Category - Excluding AAD and DA Claims

Birth Year	Open Accepted Claim Counts as of 6/30/2022 (a)			Estimated Unreported as of 6/30/2022 (b)			Estimate O/S Claim Counts as of 6/30/2022		
	Class A	Classes B, C, D & Blank	Combined (2) + (3)	Class A	Classes B, C, D & Blank	Combined (5) + (6)	Class A (2) + (5)	Classes B, C & D (3) + (6)	Combined (4) + (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	1	2	3			0	1	2	3
1990	1	2	3			0	1	2	3
1991	1	3	4			0	1	3	4
1992	1	8	9			0	1	8	9
1993	2	5	7			0	2	5	7
1994	0	3	3			0	0	3	3
1995	0	5	5			0	0	5	5
1996	3	3	6			0	3	3	6
1997	1	7	8			0	1	7	8
1998	3	8	11			0	3	8	11
1999	2	1	3			0	2	1	3
2000	1	2	3			0	1	2	3
2001	2	2	4			0	2	2	4
2002	6	6	12			0	6	6	12
2003	1	2	3			0	1	2	3
2004	1	4	5			0	1	4	5
2005	4	3	7			0	4	3	7
2006	3	6	9			0	3	6	9
2007	5	2	7			0	5	2	7
2008	2	7	9			0	2	7	9
2009	4	6	10			0	4	6	10
2010	0	5	5			0	0	5	5
2011	3	7	10			0	3	7	10
2012	1	6	7			0	1	6	7
2013	5	2	7			0	5	2	7
2014	3	5	8			0	3	5	8
2015	6	8	14			0	6	8	14
2016	2	4	6	0.00	0.00	0.00	2.00	4.00	6.00
2017	4	8	12	0.33	0.68	1.00	4.33	8.68	13.00
2018	3	12	15	0.33	0.68	1.00	3.33	12.68	16.00
2019	3	7	10	0.98	2.03	3.00	3.98	9.03	13.00
2020	2	5	7	1.95	4.05	6.00	3.95	9.05	13.00
2021	0	1	1	3.58	7.43	11.00	3.58	8.43	12.00
2022 - 6 mo.	0	0	0	2.28	4.73	7.00	2.28	4.73	7.00
	76	157	233	9.43	19.58	29.00	85.43	176.58	262.00

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



Estimation of Outstanding Loss & Expense

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

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

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

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

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

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

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

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

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

Estimation of Remaining Open Claim Counts - By Year End

**Class A**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 1989	BY 1990	BY 1991	BY 1992	BY 1993	BY 1994	BY 1995	BY 1996	BY 1997	BY 1998	BY 1999
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
6/30/22	1.000	1.000	1.000	1.000	2.000	0.000	0.000	3.000	1.000	3.000	2.000
2022	0.953	0.954	0.955	0.956	1.913	0.000	0.000	2.876	0.959	2.879	1.921
2023	0.908	0.909	0.911	0.912	1.828	0.000	0.000	2.754	0.919	2.762	1.843
2024	0.863	0.866	0.868	0.871	1.745	0.000	0.000	2.636	0.881	2.647	1.768
2025	0.821	0.824	0.827	0.830	1.665	0.000	0.000	2.522	0.843	2.535	1.695
2026	0.779	0.783	0.787	0.790	1.587	0.000	0.000	2.410	0.806	2.427	1.623
2027	0.739	0.743	0.747	0.752	1.511	0.000	0.000	2.301	0.770	2.321	1.554
2028	0.700	0.705	0.710	0.714	1.438	0.000	0.000	2.195	0.736	2.218	1.486
2029	0.662	0.667	0.673	0.678	1.366	0.000	0.000	2.092	0.702	2.118	1.420
2030	0.625	0.631	0.637	0.643	1.297	0.000	0.000	1.992	0.669	2.021	1.356
2031	0.590	0.597	0.603	0.609	1.230	0.000	0.000	1.895	0.637	1.926	1.294
2032	0.556	0.563	0.570	0.576	1.165	0.000	0.000	1.801	0.606	1.834	1.233
2033	0.523	0.530	0.537	0.544	1.102	0.000	0.000	1.710	0.576	1.745	1.174
2034	0.491	0.499	0.506	0.514	1.041	0.000	0.000	1.621	0.547	1.658	1.117
2035	0.460	0.468	0.476	0.484	0.982	0.000	0.000	1.536	0.518	1.574	1.061
2036	0.430	0.439	0.447	0.455	0.925	0.000	0.000	1.453	0.491	1.493	1.008
2037	0.402	0.411	0.419	0.427	0.870	0.000	0.000	1.373	0.464	1.414	0.956
2038	0.374	0.383	0.392	0.400	0.817	0.000	0.000	1.295	0.439	1.337	0.905
2039	0.348	0.357	0.366	0.375	0.766	0.000	0.000	1.220	0.414	1.263	0.856
2040	0.322	0.332	0.341	0.350	0.717	0.000	0.000	1.147	0.390	1.192	0.809
2041	0.298	0.308	0.317	0.326	0.669	0.000	0.000	1.077	0.367	1.123	0.763
2042	0.275	0.284	0.294	0.303	0.623	0.000	0.000	1.010	0.344	1.056	0.719
2043	0.253	0.262	0.272	0.281	0.579	0.000	0.000	0.945	0.323	0.992	0.676
2044	0.232	0.241	0.250	0.260	0.537	0.000	0.000	0.882	0.302	0.929	0.635
2045	0.212	0.221	0.230	0.239	0.496	0.000	0.000	0.821	0.282	0.869	0.595
2046	0.193	0.202	0.211	0.220	0.458	0.000	0.000	0.763	0.263	0.812	0.557
2047	0.175	0.184	0.193	0.202	0.421	0.000	0.000	0.708	0.244	0.756	0.520
2048	0.158	0.167	0.175	0.184	0.386	0.000	0.000	0.654	0.226	0.703	0.484
2049	0.142	0.150	0.159	0.168	0.352	0.000	0.000	0.603	0.209	0.651	0.450
2050	0.127	0.135	0.144	0.152	0.321	0.000	0.000	0.555	0.193	0.602	0.417
2051	0.113	0.121	0.129	0.137	0.291	0.000	0.000	0.508	0.177	0.555	0.386
2052	0.100	0.108	0.115	0.123	0.262	0.000	0.000	0.464	0.163	0.511	0.356
2053	0.088	0.095	0.103	0.110	0.236	0.000	0.000	0.423	0.148	0.468	0.327
2054	0.077	0.084	0.091	0.098	0.211	0.000	0.000	0.383	0.135	0.427	0.300
2055	0.067	0.073	0.080	0.087	0.188	0.000	0.000	0.346	0.123	0.389	0.274
2056	0.058	0.064	0.070	0.077	0.166	0.000	0.000	0.311	0.111	0.353	0.249
2057	0.049	0.055	0.061	0.067	0.146	0.000	0.000	0.278	0.099	0.318	0.226
2058	0.042	0.047	0.052	0.058	0.128	0.000	0.000	0.248	0.089	0.286	0.204
2059	0.035	0.040	0.045	0.050	0.111	0.000	0.000	0.219	0.079	0.256	0.183
2060	0.029	0.034	0.038	0.043	0.096	0.000	0.000	0.193	0.070	0.228	0.164
2061	0.024	0.028	0.032	0.036	0.082	0.000	0.000	0.169	0.062	0.202	0.146
2062	0.020	0.023	0.027	0.031	0.070	0.000	0.000	0.147	0.054	0.178	0.129
2063	0.016	0.019	0.022	0.025	0.059	0.000	0.000	0.126	0.047	0.155	0.114
2064	0.012	0.015	0.018	0.021	0.049	0.000	0.000	0.108	0.040	0.135	0.099
2065	0.010	0.012	0.014	0.017	0.040	0.000	0.000	0.092	0.035	0.116	0.086
2066	0.007	0.009	0.011	0.014	0.033	0.000	0.000	0.077	0.029	0.100	0.074
2067	0.006	0.007	0.009	0.011	0.026	0.000	0.000	0.064	0.025	0.084	0.064
2068	0.004	0.005	0.007	0.008	0.021	0.000	0.000	0.053	0.021	0.071	0.054
2069	0.003	0.004	0.005	0.006	0.016	0.000	0.000	0.043	0.017	0.059	0.045
2070	0.002	0.003	0.004	0.005	0.012	0.000	0.000	0.035	0.014	0.049	0.038
2071	0.001	0.002	0.003	0.004	0.009	0.000	0.000	0.027	0.011	0.040	0.031









Estimation of Remaining Open Claim Counts - By Year End

**Class A**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	BY 2018	BY 2019	BY 2020	BY 2021	BY 2022 - 6
(1)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
6/30/22	3.000	1.000	5.000	3.000	6.000	2.000	4.325	3.325	3.975	3.950	3.575	2.275
2022	2.902	0.968	4.842	2.907	5.816	1.939	4.196	3.227	3.859	3.836	3.472	2.190
2023	2.806	0.936	4.687	2.815	5.635	1.880	4.069	3.131	3.745	3.724	3.372	2.127
2024	2.712	0.906	4.535	2.725	5.457	1.821	3.944	3.036	3.633	3.614	3.273	2.066
2025	2.619	0.875	4.385	2.636	5.282	1.764	3.821	2.943	3.523	3.506	3.177	2.006
2026	2.527	0.845	4.237	2.549	5.110	1.707	3.700	2.851	3.415	3.400	3.082	1.946
2027	2.437	0.815	4.092	2.463	4.941	1.652	3.582	2.761	3.309	3.296	2.989	1.888
2028	2.348	0.786	3.948	2.379	4.775	1.597	3.465	2.673	3.204	3.193	2.897	1.831
2029	2.261	0.758	3.807	2.295	4.611	1.543	3.351	2.586	3.102	3.092	2.807	1.775
2030	2.176	0.730	3.668	2.213	4.449	1.490	3.238	2.500	3.001	2.993	2.718	1.720
2031	2.094	0.702	3.533	2.133	4.290	1.438	3.127	2.416	2.902	2.896	2.631	1.665
2032	2.013	0.676	3.400	2.054	4.134	1.387	3.017	2.333	2.804	2.800	2.546	1.612
2033	1.934	0.650	3.271	1.977	3.981	1.336	2.909	2.251	2.708	2.706	2.461	1.560
2034	1.857	0.624	3.145	1.902	3.832	1.287	2.803	2.171	2.613	2.613	2.378	1.508
2035	1.783	0.599	3.022	1.828	3.686	1.239	2.700	2.092	2.519	2.521	2.297	1.457
2036	1.710	0.575	2.902	1.757	3.544	1.192	2.599	2.014	2.428	2.431	2.216	1.407
2037	1.639	0.552	2.785	1.687	3.406	1.146	2.500	1.939	2.338	2.343	2.137	1.358
2038	1.570	0.529	2.671	1.619	3.270	1.101	2.403	1.865	2.250	2.256	2.059	1.309
2039	1.503	0.507	2.561	1.553	3.139	1.057	2.309	1.793	2.165	2.172	1.983	1.262
2040	1.437	0.485	2.453	1.488	3.010	1.015	2.218	1.723	2.081	2.089	1.909	1.215
2041	1.373	0.464	2.348	1.426	2.886	0.973	2.128	1.655	2.000	2.008	1.836	1.170
2042	1.311	0.443	2.245	1.365	2.764	0.933	2.041	1.588	1.920	1.930	1.765	1.125
2043	1.251	0.423	2.146	1.305	2.646	0.893	1.957	1.523	1.843	1.853	1.696	1.082
2044	1.192	0.404	2.049	1.247	2.530	0.855	1.874	1.460	1.768	1.779	1.629	1.039
2045	1.135	0.385	1.954	1.191	2.418	0.818	1.794	1.398	1.694	1.706	1.563	0.998
2046	1.080	0.366	1.863	1.136	2.309	0.782	1.716	1.339	1.623	1.635	1.500	0.958
2047	1.027	0.349	1.774	1.083	2.203	0.746	1.640	1.280	1.554	1.566	1.437	0.919
2048	0.975	0.331	1.688	1.031	2.099	0.712	1.566	1.223	1.486	1.499	1.377	0.881
2049	0.924	0.314	1.604	0.981	1.999	0.679	1.494	1.168	1.420	1.434	1.318	0.844
2050	0.875	0.298	1.523	0.932	1.902	0.646	1.424	1.114	1.356	1.370	1.260	0.807
2051	0.828	0.282	1.444	0.885	1.807	0.615	1.356	1.062	1.293	1.308	1.204	0.772
2052	0.782	0.267	1.367	0.839	1.716	0.584	1.290	1.012	1.233	1.248	1.150	0.738
2053	0.738	0.252	1.294	0.795	1.627	0.555	1.226	0.962	1.174	1.190	1.097	0.705
2054	0.695	0.238	1.222	0.752	1.541	0.526	1.164	0.914	1.117	1.133	1.046	0.672
2055	0.654	0.224	1.153	0.710	1.458	0.498	1.103	0.868	1.061	1.078	0.996	0.641
2056	0.614	0.211	1.086	0.670	1.377	0.471	1.045	0.823	1.008	1.024	0.947	0.610
2057	0.575	0.198	1.022	0.631	1.299	0.445	0.989	0.780	0.955	0.972	0.900	0.580
2058	0.538	0.186	0.959	0.594	1.224	0.420	0.934	0.738	0.905	0.922	0.855	0.552
2059	0.503	0.174	0.899	0.558	1.151	0.396	0.881	0.697	0.856	0.873	0.810	0.524
2060	0.468	0.162	0.841	0.523	1.081	0.372	0.830	0.657	0.809	0.826	0.768	0.497
2061	0.435	0.151	0.785	0.489	1.013	0.349	0.781	0.619	0.763	0.780	0.726	0.470
2062	0.403	0.140	0.731	0.456	0.948	0.328	0.733	0.582	0.719	0.736	0.686	0.445
2063	0.373	0.130	0.680	0.425	0.885	0.306	0.687	0.547	0.676	0.694	0.647	0.420
2064	0.344	0.120	0.630	0.395	0.824	0.286	0.643	0.513	0.635	0.652	0.610	0.397
2065	0.316	0.111	0.583	0.366	0.766	0.266	0.600	0.480	0.595	0.613	0.573	0.374
2066	0.290	0.102	0.537	0.339	0.710	0.248	0.559	0.448	0.557	0.574	0.538	0.351
2067	0.265	0.093	0.494	0.312	0.657	0.230	0.519	0.417	0.520	0.537	0.505	0.330
2068	0.241	0.085	0.453	0.287	0.606	0.212	0.482	0.388	0.484	0.501	0.472	0.309
2069	0.218	0.078	0.414	0.263	0.557	0.196	0.445	0.359	0.450	0.467	0.441	0.289
2070	0.197	0.070	0.376	0.240	0.510	0.180	0.411	0.332	0.417	0.434	0.411	0.270
2071	0.177	0.064	0.341	0.219	0.466	0.165	0.378	0.306	0.386	0.402	0.382	0.252



Estimation of Remaining Open Claim Counts - By Year End

**Classes B, C & D**

Based on Mortality Tables Shown in Section VIII

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

Estimation of Remaining Open Claim Counts - By Year End

**Classes B, C & D**

Based on Mortality Tables Shown in Section VIII

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

Estimation of Remaining Open Claim Counts - By Year End

**Classes B, C & D**

Based on Mortality Tables Shown in Section VIII

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

Estimation of Remaining Open Claim Counts - By Year End

**Classes B, C & D**

Based on Mortality Tables Shown in Section VIII

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

Estimation of Remaining Open Claim Counts - By Year End

**Classes B, C & D**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	BY 2018	BY 2019	BY 2020	BY 2021	BY 2022 - 6
(1)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
12/31/21	7.000	6.000	2.000	5.000	8.000	4.000	8.675	12.675	9.025	9.050	8.425	4.725
2022	6.960	5.966	1.989	4.972	7.956	3.978	8.629	12.608	8.977	9.002	8.379	4.659
2023	6.919	5.932	1.978	4.945	7.913	3.957	8.582	12.541	8.930	8.954	8.334	4.633
2024	6.877	5.897	1.966	4.917	7.868	3.935	8.535	12.473	8.882	8.907	8.290	4.608
2025	6.834	5.862	1.955	4.889	7.824	3.913	8.488	12.405	8.834	8.859	8.246	4.584
2026	6.790	5.825	1.943	4.860	7.779	3.891	8.441	12.337	8.786	8.811	8.202	4.560
2027	6.744	5.787	1.931	4.831	7.734	3.869	8.394	12.268	8.738	8.763	8.158	4.535
2028	6.697	5.748	1.918	4.801	7.687	3.846	8.346	12.199	8.689	8.715	8.113	4.511
2029	6.650	5.708	1.905	4.769	7.639	3.823	8.297	12.129	8.640	8.667	8.069	4.486
2030	6.602	5.668	1.892	4.737	7.589	3.799	8.247	12.058	8.591	8.618	8.024	4.462
2031	6.553	5.627	1.879	4.704	7.538	3.774	8.195	11.985	8.540	8.568	7.978	4.437
2032	6.504	5.585	1.865	4.671	7.486	3.749	8.142	11.910	8.489	8.518	7.933	4.412
2033	6.454	5.543	1.851	4.637	7.433	3.723	8.087	11.833	8.436	8.467	7.886	4.387
2034	6.404	5.501	1.838	4.603	7.379	3.696	8.031	11.753	8.381	8.414	7.839	4.361
2035	6.354	5.459	1.824	4.569	7.325	3.670	7.974	11.672	8.324	8.359	7.790	4.335
2036	6.304	5.416	1.809	4.534	7.270	3.643	7.916	11.589	8.266	8.303	7.739	4.307
2037	6.253	5.373	1.795	4.499	7.214	3.615	7.858	11.505	8.208	8.245	7.687	4.279
2038	6.201	5.329	1.781	4.463	7.159	3.588	7.799	11.420	8.148	8.187	7.633	4.251
2039	6.150	5.286	1.767	4.428	7.102	3.560	7.739	11.335	8.088	8.127	7.579	4.221
2040	6.097	5.241	1.752	4.392	7.046	3.532	7.680	11.248	8.028	8.068	7.524	4.191
2041	6.044	5.197	1.737	4.356	6.989	3.504	7.619	11.161	7.967	8.007	7.469	4.161
2042	5.990	5.151	1.723	4.320	6.932	3.476	7.559	11.074	7.905	7.946	7.413	4.130
2043	5.935	5.105	1.707	4.283	6.874	3.447	7.498	10.985	7.843	7.885	7.357	4.099
2044	5.879	5.058	1.692	4.245	6.815	3.418	7.436	10.897	7.781	7.823	7.300	4.068
2045	5.823	5.011	1.677	4.207	6.755	3.389	7.374	10.807	7.718	7.760	7.242	4.036
2046	5.767	4.963	1.661	4.169	6.695	3.359	7.311	10.717	7.654	7.698	7.185	4.005
2047	5.709	4.915	1.645	4.130	6.634	3.329	7.247	10.625	7.590	7.635	7.127	3.973
2048	5.650	4.866	1.629	4.090	6.572	3.299	7.182	10.532	7.525	7.571	7.068	3.941
2049	5.591	4.816	1.613	4.050	6.509	3.268	7.116	10.438	7.460	7.506	7.009	3.909
2050	5.531	4.765	1.596	4.010	6.445	3.237	7.050	10.343	7.393	7.440	6.949	3.876
2051	5.470	4.714	1.580	3.969	6.381	3.205	6.983	10.246	7.325	7.374	6.888	3.843
2052	5.408	4.662	1.563	3.927	6.316	3.173	6.915	10.148	7.257	7.306	6.827	3.809
2053	5.345	4.610	1.545	3.885	6.249	3.141	6.845	10.049	7.188	7.238	6.764	3.775
2054	5.281	4.556	1.528	3.842	6.182	3.108	6.775	9.949	7.118	7.169	6.701	3.741
2055	5.216	4.501	1.510	3.799	6.114	3.075	6.704	9.847	7.046	7.099	6.637	3.706
2056	5.149	4.445	1.492	3.755	6.045	3.041	6.632	9.744	6.974	7.028	6.573	3.670
2057	5.080	4.388	1.474	3.710	5.975	3.006	6.559	9.639	6.901	6.956	6.507	3.634
2058	5.010	4.330	1.455	3.664	5.903	2.971	6.485	9.533	6.827	6.883	6.440	3.598
2059	4.938	4.270	1.435	3.617	5.830	2.936	6.410	9.425	6.752	6.809	6.373	3.561
2060	4.863	4.208	1.415	3.568	5.755	2.899	6.333	9.316	6.676	6.734	6.304	3.524
2061	4.787	4.145	1.395	3.519	5.678	2.862	6.254	9.204	6.598	6.658	6.235	3.486
2062	4.708	4.080	1.374	3.468	5.600	2.824	6.174	9.089	6.519	6.581	6.164	3.448
2063	4.626	4.012	1.352	3.416	5.519	2.785	6.092	8.973	6.438	6.502	6.093	3.409
2064	4.542	3.943	1.330	3.362	5.436	2.745	6.007	8.853	6.355	6.421	6.019	3.369
2065	4.456	3.871	1.307	3.307	5.350	2.703	5.921	8.731	6.270	6.339	5.945	3.329
2066	4.367	3.798	1.283	3.250	5.262	2.661	5.831	8.605	6.184	6.254	5.868	3.287
2067	4.275	3.722	1.259	3.191	5.171	2.617	5.740	8.475	6.094	6.168	5.790	3.245
2068	4.180	3.644	1.234	3.130	5.077	2.572	5.645	8.342	6.003	6.079	5.710	3.202
2069	4.082	3.563	1.208	3.067	4.981	2.525	5.547	8.204	5.908	5.987	5.628	3.158
2070	3.982	3.479	1.181	3.003	4.881	2.477	5.447	8.062	5.811	5.893	5.543	3.112
2071	3.878	3.394	1.153	2.936	4.778	2.427	5.343	7.916	5.710	5.796	5.456	3.065

Estimation of Remaining Open Claim Counts - By Year End

**Classes B, C & D**

Based on Mortality Tables Shown in Section VIII

Calendar Year	BY 2011	BY 2012	BY 2013	BY 2014	BY 2015	BY 2016	BY 2017	BY 2018	BY 2019	BY 2020	BY 2021	BY 2022 - 6
(1)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
2072	3.771	3.305	1.125	2.868	4.672	2.376	5.236	7.765	5.607	5.695	5.366	3.017
2073	3.661	3.214	1.096	2.797	4.563	2.324	5.126	7.610	5.500	5.592	5.273	2.967
2074	3.547	3.120	1.065	2.724	4.450	2.269	5.012	7.450	5.390	5.486	5.177	2.916
2075	3.430	3.023	1.034	2.649	4.334	2.213	4.895	7.285	5.276	5.376	5.079	2.863
2076	3.310	2.924	1.002	2.571	4.215	2.156	4.774	7.114	5.159	5.263	4.977	2.808
2077	3.186	2.821	0.969	2.492	4.092	2.096	4.650	6.939	5.039	5.146	4.872	2.752
2078	3.059	2.716	0.935	2.409	3.965	2.035	4.522	6.758	4.915	5.026	4.764	2.694
2079	2.931	2.608	0.900	2.325	3.834	1.972	4.389	6.572	4.786	4.902	4.653	2.635
2080	2.799	2.498	0.864	2.238	3.699	1.907	4.253	6.379	4.654	4.774	4.538	2.573
2081	2.666	2.386	0.828	2.149	3.561	1.840	4.113	6.182	4.518	4.642	4.420	2.509
2082	2.532	2.273	0.791	2.058	3.420	1.771	3.969	5.978	4.378	4.507	4.298	2.444
2083	2.395	2.158	0.753	1.966	3.276	1.701	3.820	5.768	4.234	4.367	4.172	2.377
2084	2.257	2.041	0.715	1.873	3.129	1.629	3.669	5.552	4.085	4.223	4.043	2.307
2085	2.117	1.923	0.677	1.778	2.980	1.556	3.514	5.332	3.932	4.075	3.910	2.236
2086	1.977	1.805	0.638	1.682	2.830	1.482	3.357	5.107	3.776	3.922	3.772	2.162
2087	1.837	1.685	0.598	1.585	2.677	1.407	3.197	4.879	3.617	3.767	3.631	2.086
2088	1.697	1.566	0.559	1.487	2.522	1.331	3.035	4.647	3.455	3.608	3.487	2.008
2089	1.558	1.446	0.519	1.389	2.367	1.254	2.872	4.412	3.291	3.446	3.340	1.928
2090	1.421	1.328	0.479	1.290	2.210	1.177	2.706	4.174	3.125	3.283	3.191	1.847
2091	1.287	1.211	0.440	1.192	2.053	1.099	2.539	3.933	2.956	3.117	3.039	1.764
2092	1.156	1.097	0.401	1.094	1.896	1.021	2.371	3.690	2.785	2.948	2.885	1.681
2093	1.029	0.985	0.364	0.998	1.741	0.943	2.202	3.446	2.613	2.778	2.730	1.596
2094	0.908	0.877	0.327	0.904	1.588	0.866	2.035	3.201	2.440	2.607	2.572	1.509
2095	0.792	0.774	0.291	0.812	1.438	0.790	1.868	2.957	2.267	2.434	2.413	1.422
2096	0.683	0.675	0.256	0.723	1.292	0.715	1.704	2.715	2.094	2.261	2.254	1.334
2097	0.582	0.582	0.224	0.638	1.151	0.643	1.543	2.476	1.923	2.089	2.094	1.246
2098	0.488	0.496	0.193	0.556	1.015	0.572	1.386	2.243	1.754	1.918	1.934	1.158
2099	0.404	0.416	0.164	0.480	0.885	0.505	1.234	2.015	1.588	1.749	1.776	1.069
2100	0.328	0.344	0.138	0.409	0.763	0.440	1.088	1.794	1.427	1.584	1.620	0.982
2101	0.262	0.280	0.114	0.343	0.650	0.380	0.950	1.582	1.271	1.423	1.467	0.896
2102	0.205	0.224	0.093	0.284	0.546	0.323	0.819	1.380	1.120	1.267	1.318	0.811
2103	0.157	0.175	0.074	0.231	0.451	0.271	0.697	1.190	0.978	1.118	1.173	0.729
2104	0.118	0.134	0.058	0.184	0.367	0.224	0.586	1.014	0.843	0.975	1.035	0.649
2105	0.086	0.101	0.044	0.144	0.293	0.183	0.484	0.851	0.718	0.841	0.903	0.572
2106	0.061	0.073	0.033	0.111	0.230	0.146	0.394	0.704	0.603	0.716	0.779	0.499
2107	0.036	0.052	0.024	0.083	0.176	0.114	0.315	0.572	0.498	0.601	0.663	0.430
2108	0.021	0.031	0.017	0.061	0.132	0.088	0.246	0.457	0.405	0.497	0.557	0.367
2109	0.011	0.018	0.010	0.043	0.096	0.066	0.189	0.358	0.324	0.404	0.460	0.308
2110	0.006	0.009	0.006	0.026	0.069	0.048	0.141	0.274	0.254	0.323	0.374	0.255
2111	0.003	0.005	0.003	0.014	0.041	0.034	0.103	0.206	0.194	0.253	0.299	0.207
2112	0.003	0.002	0.002	0.008	0.023	0.020	0.073	0.150	0.146	0.194	0.234	0.165
2113	0.003	0.002	0.001	0.004	0.012	0.011	0.044	0.107	0.106	0.145	0.179	0.129
2114	0.003	0.002	0.001	0.002	0.006	0.006	0.025	0.063	0.076	0.106	0.134	0.099
2115	0.003	0.002	0.001	0.002	0.003	0.003	0.013	0.036	0.045	0.075	0.098	0.074
2116	0.003	0.002	0.001	0.002	0.003	0.002	0.007	0.019	0.025	0.045	0.070	0.054
2117	0.003	0.002	0.001	0.002	0.003	0.002	0.003	0.010	0.014	0.025	0.041	0.039
2118	0.003	0.002	0.001	0.002	0.003	0.002	0.003	0.005	0.007	0.014	0.024	0.023
2119	0.003	0.002	0.001	0.002	0.003	0.002	0.003	0.005	0.003	0.007	0.013	0.013
2120	0.003	0.002	0.001	0.002	0.003	0.002	0.003	0.005	0.003	0.003	0.006	0.007



Estimation of Outstanding Loss & ALAE Reserves - Burial Expense and Parental Award  
After Estimated Investment Income  
Evaluated as of June 30, 2022

Birth Year ----- (1)	Estimated Outstanding Loss & ALAE Related to Death Benefit (a) -----		AAA, AAD & DA	Estimated Outstanding Loss & ALAE Related to Parental Award -----		Case (c) Outstanding on DA Claims as of 6 30 22	Additional Outstanding Loss & ALAE Not Included in Expense Category Analysis -----	
	Nominal (a)	Discounted (b)	Estimated Unreported Claims as of 6 30 22	Case Outstanding on Reported Open (c)	Outstanding on Unreported Claims (4) X 250,000		Nominal (2)+(5)+ (6)+(7)	Discounted (3)+(5) (6)+(7)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1989	150,000	53,507	0	5,570	0	50,000	205,570	109,077
1990	150,000	52,667	0	0	0	100,000	250,000	152,667
1991	200,000	64,319	0	150,231	0	0	350,231	214,550
1992	450,000	124,247	0	0	0	0	450,000	124,247
1993	350,000	112,493	0	75,000	0	0	425,000	187,493
1994	150,000	35,042	0	0	0	187,500	337,500	222,542
1995	250,000	57,168	0	0	0	50,000	300,000	107,168
1996	300,000	110,649	0	225,000	0	100,000	625,000	435,649
1997	400,000	102,216	0	299,976	0	100,000	799,976	502,192
1998	550,000	161,659	0	48,939	0	100,000	698,939	310,598
1999	150,000	60,564	0	0	0	100,000	250,000	160,564
2000	150,000	45,452	0	8	0	75,000	225,008	120,460
2001	200,000	69,435	0	0	0	50,000	250,000	119,435
2002	600,000	205,903	0	81,501	0	40,000	721,501	327,404
2003	150,000	43,669	0	66	0	80,000	230,066	123,735
2004	250,000	62,222	0	78,788	0	40,000	368,788	181,010
2005	350,000	123,288	0	150,000	0	0	500,000	273,288
2006	450,000	125,976	0	331,823	0	0	781,823	457,799
2007	350,000	134,985	0	140,000	0	0	490,000	274,985
2008	450,000	108,290	0	405,404	0	0	855,404	513,694
2009	500,000	143,931	0	140,000	0	40,000	680,000	323,931
2010	250,000	42,464	0	164,957	0	20,000	434,957	227,421
2011	500,000	125,968	0	396,686	0	0	896,686	522,654
2012	350,000	71,304	0	319,954	0	20,000	689,954	411,258
2013	350,000	126,863	0	0	0	20,000	370,000	146,863
2014	400,000	105,149	0	17	0	40,000	440,017	145,166
2015	700,000	192,281	0	452,964	0	120,000	1,272,964	765,245
2016	300,000	73,404	0	430,967	0	48,543	779,510	552,914
2017	650,000	156,927	1	608,702	250,000	3,639	1,512,341	1,019,268
2018	800,000	162,881	2	549,650	500,000	383,781	2,233,431	1,596,311
2019	650,000	148,278	4	127,421	1,000,000	20,075	1,797,496	1,295,774
2020	650,000	146,193	8		2,000,000	800,815	3,450,815	2,947,009
2021	600,000	132,507	15		3,750,000	330,360	4,680,360	4,212,866
2022 - 6 mo.	350,000	79,909	10		2,500,000	330,360	3,180,360	2,910,269
	13,100,000	3,561,811	40	5,183,624	10,000,000	3,250,073	31,533,697	21,995,508

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

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

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

Estimation of Outstanding Loss & ALAE Reserves - Death Benefit  
After Estimated Investment Income  
Evaluated as of June 30, 2022

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

Birth Year	Estimate O/S Claim Counts as of 6/30/2022 (a)			Estimated Average Discount Factor at (b) 5 % Investment Return		Estimated Discounted O/S Losses as of 6/30/2022		
	Class A	Classes B, C & D	Combined	Class A	Classes B, C & D	Class A (2) X (5) X 50,000	Classes B, C & D (3) X (6) X 50,000	Combined (7) + (8)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1989	1	2	3	0.5486	0.2608	27,432	26,075	53,507
1990	1	2	3	0.5434	0.2550	27,168	25,499	52,667
1991	1	3	4	0.5382	0.2494	26,910	37,410	64,319
1992	1	8	9	0.5331	0.2440	26,656	97,591	124,247
1993	2	5	7	0.5281	0.2387	52,814	59,679	112,493
1994	0	3	3	0.0000	0.2336	0	35,042	35,042
1995	0	5	5	0.0000	0.2287	0	57,168	57,168
1996	3	3	6	0.5138	0.2239	77,064	33,585	110,649
1997	1	7	8	0.5092	0.2193	25,459	76,757	102,216
1998	3	8	11	0.5047	0.2149	75,706	85,954	161,659
1999	2	1	3	0.5003	0.2106	50,033	10,531	60,564
2000	1	2	3	0.4960	0.2065	24,802	20,650	45,452
2001	2	2	4	0.4918	0.2025	49,184	20,251	69,435
2002	6	6	12	0.4877	0.1986	146,315	59,589	205,903
2003	1	2	3	0.4837	0.1949	24,183	19,486	43,669
2004	1	4	5	0.4797	0.1912	23,984	38,239	62,222
2005	4	3	7	0.4757	0.1876	95,147	28,140	123,288
2006	3	6	9	0.4718	0.1840	70,765	55,211	125,976
2007	5	2	7	0.4677	0.1805	116,937	18,048	134,985
2008	2	7	9	0.4637	0.1769	46,369	61,921	108,290
2009	4	6	10	0.4596	0.1734	91,921	52,010	143,931
2010	0	5	5	0.0000	0.1699	0	42,464	42,464
2011	3	7	10	0.4515	0.1664	67,718	58,250	125,968
2012	1	6	7	0.4474	0.1631	22,372	48,933	71,304
2013	5	2	7	0.4435	0.1599	110,872	15,991	126,863
2014	3	5	8	0.4396	0.1568	65,940	39,209	105,149
2015	6	8	14	0.4358	0.1539	130,731	61,549	192,281
2016	2	4	6	0.4320	0.1510	43,200	30,203	73,404
2017	4.33	8.68	13.00	0.4283	0.1483	92,619	64,308	156,927
2018	3.33	12.68	16.00	0.4246	0.1456	70,598	92,283	162,881
2019	3.98	9.03	13.00	0.4211	0.1431	83,695	64,583	148,278
2020	3.95	9.05	13.00	0.4177	0.1408	82,489	63,705	146,193
2021	3.58	8.43	12.00	0.4144	0.1387	74,075	58,432	132,507
022 - 6 mo.	2.28	4.73	7.00	0.4144	0.1387	47,139	32,770	79,909
	85.43	176.58	262.00			1,970,295	1,591,515	3,561,811

Notes: (a) Based on actual reported and estimated unreported NICA claimants as of December 31, 2021.  
(b) Estimated discount based on mortality factors as shown in Section VIII.

Estimated 2021 Level Loss &amp; ALAE Reserve - Before Inflation and Anticipated Investment Income

Evaluated As of December 31, 2021

**After Consideration of Class Action and SB 1786****SOURCE : NICA DECEMBER 31, 2021 REPORT - SECTION V, EXHIBIT I, SHEET 1**

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

Notes: (a) See Section V, Exhibit I, Sheet 1 of the NICA December 31, 2021 report. Development methods shown above are not updated for quarterly reviews but will updated on an annual basis only.

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

Evaluated As of June 30, 2022

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

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

Reported Accepted Claim Counts - Excluding DA Claims

Evaluated As of June 30, 2022

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

Used for allocation on IBNR claim counts

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

Ultimate Accepted Claim Counts  
Evaluated As of June 30, 2022

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

Notes: (a) The accepted claims shown in Column (2), DA, are claims where claimant was deceased prior to presentation of the claim to NICA.

(b) The accepted claims shown in Column (3), AAD, are claims that deceased after acceptance as of 6/30/2022.

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

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

Open Accepted Claim Counts  
Evaluated As of June 30, 2022

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

Notes: (a) DA are claims where claimant was deceased prior to presentation of the claim to NICA.  
 (b) AAD are claims that deceased after acceptance as of 6/30/2022.  
 (c) AAA are accepted claims that are alive as of 6/30/2022.  
 (d) See Section VI, Exhibit V, Sheet 1, Columns (21) and (11), respectively.

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

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

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

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

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

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

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

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



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

Year of Birth	Actual (a) Accepted Claim Counts		All (a) Reported Claim Cts. @ 6/30/22	All Reported Claim Cts. Excluding DA Claims @ 6/30/22 (4) - (3)	Insured Physicians	Claim Frequency per Insured Physician Based on :			Ratio of AAA & AAD to Reported All Claims Excl. DA (2) / (5)	Ratio of DA Only to Reported All Claims Excl. DA (3) / (5)
	AAA & AAD Only @ 6/30/22	DA Only @ 6/30/22				AAA & AAD Only (2) / (6)	DA Only (3) / (6)	Reported Excl. DA (5) / (6)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1989	11	4	32	28	570	0.0193	0.0070	0.0491	0.3929	0.1429
1990	7	3	39	36	590	0.0119	0.0051	0.0610	0.1944	0.0833
1991	4	4	38	34	653	0.0061	0.0061	0.0521	0.1176	0.1176
1992	13	1	48	47	712	0.0183	0.0014	0.0660	0.2766	0.0213
1993	13	2	40	38	731	0.0178	0.0027	0.0520	0.3421	0.0526
1994	7	9	36	27	659	0.0106	0.0137	0.0410	0.2593	0.3333
1995	6	5	26	21	682	0.0088	0.0073	0.0308	0.2857	0.2381
1996	7	10	40	30	708	0.0099	0.0141	0.0424	0.2333	0.3333
1997	11	6	47	41	737	0.0149	0.0081	0.0556	0.2683	0.1463
1998	15	3	42	39	699	0.0215	0.0043	0.0558	0.3846	0.0769
1999	9	9	40	31	665	0.0135	0.0135	0.0466	0.2903	0.2903
2000	6	7	38	31	620	0.0097	0.0113	0.0500	0.1935	0.2258
2001	4	9	41	32	676	0.0059	0.0133	0.0473	0.1250	0.2813
2002	17	5	50	45	730	0.0233	0.0068	0.0616	0.3778	0.1111
2003	3	6	23	17	785	0.0038	0.0076	0.0217	0.1765	0.3529
2004	6	7	31	24	841	0.0071	0.0083	0.0285	0.2500	0.2917
2005	11	2	41	39	891	0.0123	0.0022	0.0438	0.2821	0.0513
2006	12	1	34	33	897	0.0134	0.0011	0.0368	0.3636	0.0303
2007	10	5	36	31	963	0.0104	0.0052	0.0322	0.3226	0.1613
2008	10	1	42	41	987	0.0101	0.0010	0.0415	0.2439	0.0244
2009	11	6	50	44	1,044	0.0105	0.0057	0.0421	0.2500	0.1364
2010	6	6	40	34	1,071	0.0056	0.0056	0.0317	0.1765	0.1765
2011	12	2	44	42	1,091	0.0110	0.0018	0.0385	0.2857	0.0476
2012	7	4	50	46	1,119	0.0063	0.0036	0.0411	0.1522	0.0870
2013	8	3	32	29	1,143	0.0070	0.0026	0.0254	0.2759	0.1034
2014	10	3	45	42	1,208	0.0083	0.0025	0.0348	0.2381	0.0714
2015	14	6	50	44	1,273	0.0110	0.0047	0.0346	0.3182	0.1364
2016	6	4	36	32	1,318	0.0046	0.0030	0.0243	0.1875	0.1250
Subtotals:										
89 to 16	256	133	1,111	978	24,063	0.0106	0.0055	0.0406	0.2618	0.1360
89 to 02	130	77	557	480	9,432	0.0138	0.0082	0.0509	0.2708	0.1604
03 to 16	126	56	554	498	14,631	0.0086	0.0038	0.0340	0.2530	0.1124
08 to 16	84	35	389	354	10,254	0.0082	0.0034	0.0345	0.2373	0.0989
12 to 16	45	20	213	193	6,061	0.0074	0.0033	0.0318	0.2332	0.1036
				(12) Selected Frequency =====>		0.0085	0.0038	0.0340	0.2500	0.1118

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

Florida Birth Related Neurological Injury Compensation Association (NICA)  
 Summary of Incurred Loss & ALAE - Actual  
 Evaluated As of June 30, 2022

Section VII  
 Exhibit I  
 Sheet 1

Incurred Loss & ALAE @ 6/30/22

Birth Year	All Expense Categories	Class Action	All Expenses Excluding Class Action (2) - (3)	Estimated One-time Changes Related to SB 1786	Additional Parental Awards on Deceased Accepted Claims From 12/31/21 to 6/30/22	All Expenses Excluding Class Action & SB 1786 Used for Triangle (2) - (3) - (5) - (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	32,543,854	261,214	32,282,640	2,424,240	1,815,465	28,042,935
1990	17,973,129	758,051	17,215,078	1,692,337	1,124,625	14,398,115
1991	28,828,609	792,094	28,036,515	3,056,301	672,622	24,307,592
1992	60,071,103	1,951,145	58,119,958	5,745,268	820,163	51,554,527
1993	61,329,475	910,230	60,419,245	5,185,190	1,100,665	54,133,390
1994	29,398,181	634,196	28,763,985	2,591,409	1,919,466	24,253,110
1995	41,199,698	910,904	40,288,794	3,997,441	955,211	35,336,142
1996	35,850,807	797,021	35,053,786	3,763,000	1,560,428	29,730,359
1997	59,241,767	1,624,160	57,617,606	6,119,057	1,370,373	50,128,176
1998	84,663,149	2,006,630	82,656,519	7,669,965	900,122	74,086,432
1999	29,398,506	873,581	28,524,925	2,391,289	2,296,175	23,837,461
2000	20,537,947	599,907	19,938,039	2,107,487	1,372,372	16,458,181
2001	33,431,617	115,547	33,316,070	3,139,606	1,350,441	28,826,024
2002	78,743,226	840,587	77,902,639	7,910,793	1,350,408	68,641,438
2003	17,847,404	-	17,847,404	2,104,656	900,237	14,842,512
2004	37,282,944	-	37,282,944	3,623,035	1,050,260	32,609,649
2005	40,717,261	-	40,717,261	4,103,305	900,328	35,713,627
2006	60,399,936	-	60,399,936	6,239,797	600,245	53,559,894
2007	45,075,078	-	45,075,078	4,468,457	900,174	39,706,447
2008	63,353,088	-	63,353,088	6,230,237	300,092	56,822,758
2009	66,507,515	-	66,507,515	6,706,615	1,050,171	58,750,728
2010	30,682,798	-	30,682,798	3,598,347	1,070,529	26,013,922
2011	56,095,741	-	56,095,741	6,061,579	600,124	49,434,038
2012	44,704,461	-	44,704,461	5,101,270	600,244	39,002,946
2013	40,491,463	-	40,491,463	4,273,503	600,145	35,617,815
2014	46,482,713	-	46,482,713	5,146,311	600,299	40,736,103
2015	82,870,503	-	82,870,503	8,682,304	900,235	73,287,964
2016	32,002,006	-	32,002,006	3,507,763	476,023	28,018,220
2017	62,946,725	-	62,946,725	6,758,447	446,952	55,741,326
2018	93,144,303	-	93,144,303	8,772,474	1,347,919	83,023,910
2019	52,632,430	-	52,632,430	5,198,594	300,079	47,133,758
2020	40,359,558	-	40,359,558	2,090,000	-	38,269,558
2021	4,915,238	-	4,915,238	570,000	316,465	4,028,773
2022 - 6 mo.	-	-	-	-	-	-
Totals:	1,531,722,231	13,075,266	1,518,646,965	151,030,078	31,569,056	1,336,047,831

Paid Loss & ALAE @ 6/30/22

Birth Year	All Expense Categories	Class Action	All Expenses Excluding Class Action (2) - (3)	Estimated One-time Changes Related to SB 1786	Additional Parental Awards on Deceased Accepted Claims From 12/31/21 to 6/30/22	All Expenses Excluding Class Action & SB 1786 Used for Triangle (2) - (3) - (5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1989	18,639,776	261,214	18,378,562	930,049	1,510,465	15,938,049
1990	8,524,568	758,051	7,766,517	698,915	775,224	6,292,379
1991	12,682,173	792,094	11,890,079	823,577	672,622	10,393,880
1992	20,876,784	1,951,145	18,925,639	1,719,558	525,163	16,680,917
1993	26,775,129	910,230	25,864,900	1,610,466	1,101,024	23,153,409
1994	11,092,191	634,196	10,457,995	796,810	1,956,966	7,704,219
1995	14,429,871	910,904	13,518,966	1,201,365	635,211	11,682,390
1996	13,730,549	797,021	12,933,528	1,132,770	1,055,428	10,745,330
1997	17,686,872	1,624,160	16,062,712	1,431,375	1,251,473	13,379,864
1998	28,827,267	2,006,630	26,820,637	2,057,233	450,122	24,313,282
1999	16,758,409	873,581	15,884,828	1,045,971	1,951,175	12,887,682
2000	9,493,662	589,907	8,903,755	985,160	1,228,241	6,690,354
2001	11,794,520	115,547	11,678,973	1,035,817	975,441	9,667,715
2002	24,401,471	840,587	23,560,884	2,418,470	1,240,408	19,902,006
2003	7,468,118	-	7,468,118	706,488	600,237	6,161,393
2004	8,476,321	-	8,476,321	994,952	750,260	6,731,109
2005	12,414,481	-	12,414,481	1,227,713	900,328	10,286,441
2006	14,366,681	-	14,366,681	1,285,227	640,245	12,441,209
2007	15,518,377	-	15,518,377	1,265,883	825,174	13,427,320
2008	10,600,146	-	10,600,146	1,132,479	300,092	9,167,575
2009	13,207,494	-	13,207,494	1,686,986	865,171	10,655,337
2010	5,643,032	-	5,643,032	880,648	1,033,402	3,728,983
2011	8,513,280	-	8,513,280	1,425,485	600,124	6,487,672
2012	5,909,373	-	5,909,373	967,709	525,244	4,416,420
2013	8,831,218	-	8,831,218	1,272,304	549,145	7,009,769
2014	9,943,794	-	9,943,794	1,527,350	693,132	7,723,311
2015	9,887,820	-	9,887,820	2,025,990	450,235	7,411,595
2016	2,952,791	-	2,952,791	698,914	524,566	1,729,310
2017	6,306,695	-	6,306,695	1,253,801	450,591	4,602,303
2018	9,232,805	-	9,232,805	1,775,719	1,384,349	6,072,737
2019	5,332,847	-	5,332,847	1,550,195	225,154	3,557,498
2020	3,520,456	-	3,520,456	580,000	444,784	2,495,671
2021	1,682,031	-	1,682,031	380,000	646,824	655,207
2022 - 6 mo.	-	-	-	-	-	-
Totals:	395,520,999	13,065,266	382,455,733	40,525,378	27,738,020	314,192,335

Estimation of Outstanding Loss & Expense

Summary of Historical Inflation and Investment Returns

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

Estimation of Outstanding Loss & Expense

Summary of Historical Inflation and Investment Returns

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