

STATE OF ALASKA

**ACTUARIAL ANALYSIS OF SELF-INSURED
WORKERS' COMPENSATION,
GENERAL LIABILITY, AUTOMOBILE LIABILITY,
MARINE, AVIATION, AND
PROPERTY PROGRAMS
AS OF JUNE 30, 2023**





MADISON CONSULTING GROUP

Actuaries • Property/Casualty Consulting Services

October 17, 2023

Ms. Sheri Gray
Risk Manager
Division of Risk Management
State of Alaska
333 Willoughby Avenue, 10th Floor
Juneau, AK 99801

RE: Actuarial Analysis of the State's Self-Insured Workers' Compensation,
General Liability, Automobile Liability, Marine, Aviation, and Property
Programs as of June 30, 2023

Dear Ms. Gray:

Please find enclosed a copy of the above captioned report. We have enjoyed working on this project and hope you find the results satisfactory. Please let us know should you have any additional questions or comments.

Sincerely,

John Gleba, FCAS, MAAA

JG/dr
Enclosure

**STATE OF ALASKA
ACTUARIAL ANALYSIS OF SELF-INSURED
WORKERS' COMPENSATION, GENERAL LIABILITY, AUTOMOBILE LIABILITY,
MARINE, AVIATION, AND PROPERTY PROGRAMS
AS OF JUNE 30, 2023**

PURPOSE

The State of Alaska (the State) requested Madison Consulting Group, Inc. to perform an actuarial analysis of the State's self-insured workers' compensation, general liability, automobile liability, marine, aviation, and property programs. The specific objectives of the analysis were as follows:

- Provide an estimate of unpaid losses and ALAE as of June 30, 2023 on an undiscounted basis and discounted using an interest rate of 3%;
- Provide an estimate of unpaid losses and ALAE as of June 30, 2023 at 75%, 85%, and 95% probability levels on an undiscounted basis and discounted using an interest rate of 3%;
- Provide an estimate of unpaid losses and ALAE as of June 30, 2024, June 30, 2025, and June 30, 2026 on an undiscounted basis and discounted using an interest rate of 3%;
- Provide a forecast of expected fiscal year payments for years beginning July 1, 2023, July 1, 2024, and July 1, 2025;
- Provide forecasts for future program costs for years beginning July 1, 2023, July 1, 2024, and July 1, 2025 at current self-insured retention levels on an undiscounted basis and discounted using an interest rate of 3%;
- Provide forecasts for future program costs for years beginning July 1, 2023, July 1, 2024, and July 1, 2025 at current self-insured retention levels at 75%, 85%, and 95% probability levels on an undiscounted basis and discounted using an interest rate of 3%;
- Provide forecasts for future program costs for years beginning July 1, 2023, July 1, 2024, and July 1, 2025 at a \$1,000,000 retention level for the workers' compensation, general liability, and automobile liability programs;

- Provide a discussion of trends in claim frequency and claim severity;
- Provide a size of loss distribution analysis.

DISTRIBUTION AND USE

This report has been prepared for the internal use of the management of the State in their determination of reasonable reserve and funding levels for the self-insured programs. It is our understanding that this report will be distributed to the State's auditors and may become a public document. It is requested that all distributions of this report be made in its entirety.

ACKNOWLEDGEMENT OF QUALIFICATION

This report was prepared under the direction of John Gleba, FCAS, MAAA. Mr. Gleba is a member of the American Academy of Actuaries and meets the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

EXECUTIVE SUMMARY

Reserve Balance as of June 30, 2023

The actuarial central estimate of the undiscounted liability for unpaid workers' compensation, general liability, automobile liability, marine, aviation, and property claims at the State's self-insured retention as of June 30, 2023 is \$181.8 million. The actuarial central estimate of the discounted liability (at an assumed annual interest rate of 3.0%) is \$150.9 million. This amount is intended to provide for all payments made after June 30, 2023 associated with claims occurring on or before June 30, 2023.

The following chart outlines the estimated liabilities as of June 30, 2023 for each program.

Estimated Unpaid Losses and ALAE as of June 30, 2023		
	Undiscounted	Discounted 3%
Workers' Compensation	\$ 140,383,904	\$ 112,929,649
General Liability	33,855,018	30,649,558
Automobile Liability	956,740	901,820
Marine	1,179,384	1,119,985
Aviation	824,476	767,942
Property	4,645,113	4,538,719
Total	\$ 181,844,635	\$ 150,907,673

Reserve Balances as of June 30, 2024, June 30, 2025, and June 30, 2026

The following charts outline the estimated liabilities as of June 30, 2024, June 30, 2025, and June 30, 2026 for each program on both undiscounted and discounted bases:

Estimated Unpaid Losses and ALAE as of June 30, 2024		
	Undiscounted	Discounted 3%
Workers' Compensation	\$ 138,686,352	\$ 111,475,393
General Liability	34,498,692	31,191,596
Automobile Liability	1,093,028	1,030,461
Marine	1,020,572	968,254
Aviation	803,553	750,436
Property	2,712,150	2,653,726
Total	\$ 178,814,347	\$ 148,069,866

Estimated Unpaid Losses and ALAE as of June 30, 2025		
	Undiscounted	Discounted 3%
Workers' Compensation	\$ 137,772,343	\$ 110,703,136
General Liability	35,827,255	32,389,713
Automobile Liability	1,203,093	1,134,327
Marine	980,209	930,251
Aviation	785,042	733,385
Property	2,270,996	2,221,360
Total	\$ 178,838,938	\$ 148,112,172

Estimated Unpaid Losses and ALAE as of June 30, 2026		
	Undiscounted	Discounted 3%
Workers' Compensation	\$ 137,380,247	\$ 110,365,525
General Liability	37,501,941	33,917,300
Automobile Liability	1,298,577	1,224,379
Marine	997,921	947,903
Aviation	817,053	765,503
Property	2,332,376	2,280,722
Total	\$ 180,328,115	\$ 149,501,332

Funding Projections for Future Fiscal Years

Summary Exhibit 2, Sheets 1a-1c details the calculation of the projection of prospective period funding amounts for the State. The prospective period funding amounts reflect the State's current self-insured retentions by program. The tables below summarize the central estimates of projected funding amounts:

Future Funding Requirements - July 1, 2023 - June 30, 2024		
	Undiscounted	Discounted 3%
Workers' Compensation	\$ 22,660,091	\$ 19,485,412
General Liability	8,910,456	7,778,828
Automobile Liability	563,243	519,310
Marine	632,819	600,102
Aviation	461,554	436,030
Property	2,375,354	2,282,953
Total	\$ 35,603,517	\$ 31,102,635

Future Funding Requirements - July 1, 2024 - June 30, 2025		
	Undiscounted	Discounted 3%
Workers' Compensation	\$ 23,362,550	\$ 20,089,457
General Liability	9,387,139	8,194,972
Automobile Liability	594,223	547,874
Marine	684,436	649,051
Aviation	496,768	469,297
Property	2,571,573	2,471,539
Total	\$ 37,096,689	\$ 32,422,190

Future Funding Requirements - July 1, 2025 - June 30, 2026		
	Undiscounted	Discounted 3%
Workers' Compensation	\$ 24,086,793	\$ 20,712,233
General Liability	9,886,447	8,630,868
Automobile Liability	626,901	578,003
Marine	740,250	701,979
Aviation	534,656	505,090
Property	2,783,958	2,675,662
Total	\$ 38,659,005	\$ 33,803,835

The prospective period funding amounts shown for each fiscal period represent the ultimate value for claims occurrences in each July 1 through June 30 period, respectively.

Currently, the State retains all liability for the workers' compensation, general liability, automobile liability, and property programs, i.e. there is no excess insurance for these coverages. For comparison purposes, the following chart details the estimated prospective period funding amounts for the workers' compensation, general liability, and automobile liability programs assuming a \$1 million per occurrence self-insured retention.

Future Funding Requirements Limited to \$1,000,000 Retention			
	July 1, 2023 - June 30, 2024	July 1, 2024 - June 30, 2025	July 1, 2025 - June 30, 2026
Workers' Compensation	\$ 19,714,279	\$ 20,325,419	\$ 20,955,510
General Liability	6,415,528	6,758,740	7,118,242
Automobile Liability	394,270	415,956	438,831

Expected Payments in Fiscal Years Beginning July 1, 2023, July 1, 2024, and July 1, 2025

The expected payments to be made in the twelve-month periods beginning July 1, 2023, July 1, 2024, and July 1, 2025 are as follows:

Expected Payments Made Between:			
	July 1, 2023 - June 30, 2024	July 1, 2024 - June 30, 2025	July 1, 2025 - June 30, 2026
Workers' Compensation	\$ 24,357,645	\$ 24,276,560	\$ 24,478,890
General Liability	8,266,781	8,058,577	8,211,761
Automobile Liability	426,955	484,158	531,416
Marine	791,631	724,800	722,537
Aviation	482,476	515,278	502,645
Property	4,308,316	3,012,727	2,722,578
Total	\$ 38,633,805	\$ 37,072,100	\$ 37,169,828

See Exhibit 11 of each appendix for the estimated payments made between the above dates.

CONDITIONS AND LIMITATIONS

The State has self-insured its workers' compensation, general liability, automobile liability, marine, aviation, and property programs for many years. Currently the State retains full liability for the workers' compensation, general liability, and automobile liability programs. The property program has an unlimited per occurrence self-insurance retention. The marine program has a \$400,000 per occurrence self-insurance retention for marine Hull & Machinery and a \$500,000 per occurrence for Protection & Indemnity as well as Pollution coverage. The aviation program has a \$250,000 per occurrence self-insurance retention (including Non-Owned Hull endorsement). The current and historical self-insured retentions for each program are summarized on Exhibit 13 of each of Appendices A-F. We have assumed that the limits described on these exhibits include loss and allocated loss adjustment expenses (ALAE). It has also been assumed that all insurance will be fully collectible. Madison Consulting Group has not reviewed any excess insurance contracts nor formed any opinion of the financial condition of the State's insurers.

The estimates presented in this report include provisions for losses and ALAE within the State's self-insured retentions. All references to losses in this report should be understood to include both loss and ALAE. The estimates do not include any provision for losses and ALAE in excess of the State's commercial insurance coverage.

In addition, there is no provision in this report for major catastrophic events such as earthquakes, floods, and other natural disasters.

In this report, IBNR (i.e., incurred but not reported) has been defined as estimated ultimate losses minus reported losses (i.e., paid losses plus claims examiners' estimates of case reserves for open claims). Thus, at any given date, the IBNR reserve includes provisions for the following elements:

- estimated reserves for claims that have been incurred but are not yet reported;
- estimated reserves for claims that have been reported but have not yet been recorded;
- future development of case reserves for known claims;

- future reopening of closed claims; and
- future payments made on closed claims.

The reserve estimates developed in this report provide for losses (including loss adjustment expenses) only. The estimates do not include any provision for associated overhead administrative expenses.

Risk Margin

Actuarial reserve and funding estimates for the State's self-insurance programs are subject to inherent variability. This variability stems from two sources: process risk and parameter/model risk. Process risk is the risk that actual results will vary from actuarial central estimates based on random chance. Parameter risk is the risk that the actuarial methods underlying the estimates do not accurately represent the true characteristics of the risk.

For example, suppose we flip a coin ten times. The estimate of the expected number of heads is five, assuming the coin is fair. Process risk is the risk that the actual number of heads will be more or less than five due to random variability in the coin flipping process. Parameter risk is the risk that the coin itself is not fair (i.e., the probability of achieving heads is less than or greater than 50%).

If the State were to follow a strategy of funding its programs based on our central estimates, significant year-to-year fluctuations in indicated fund contributions would likely result. To mitigate these fluctuations and to stabilize year-to-year financial results, management may wish to maintain a margin in the fund balance. In this report, we show reserve and funding indications both on a central estimate basis (based on long-term averages) and also at higher probability levels. For example, funding at the 95% probability level means that it is estimated that funds will be sufficient to cover liabilities in nine and a half years out of ten. This range of estimates can be utilized by management to determine an appropriate margin.

The statistical model used to generate the risk margins associated with the various probability levels is based on a simulation approach where claim counts (frequency) are assumed to follow a Poisson distribution and claim costs (severity) follow a lognormal distribution. The model runs 1,000 random trials to generate a set of 1,000 possible outcomes, which are ordered from lowest to highest. The risk margin for the 75% probability level, for example, is the ratio of the 750th ordered result to the mean of the random sample.

We emphasize that the range of values discussed above are based on a statistical model that measures only the process risk involved with the State's reserve and funding estimates. We have not analyzed any potential parameter/model risk inherent in our underlying estimates. In our experience, in a program such as the State's, process risk accounts for the majority of the associated inherent variability.

Data Sources

In the analysis, we have relied, without audit or verification, on the following sources of data provided by the State:

- claim data evaluated as of June 30, 2023 for each program separately;
- summary information on the current and historical excess insurance program (we did not review any insurance contracts); and
- historical exposure data (i.e., full-time equivalents, population, property values, and vehicle counts).

We acknowledge the assistance of Ms. Sheri Gray in providing the data for this analysis. We are relying on the accuracy of the information provided by the State. As part of our analysis, we have reviewed the data for reasonableness and consistency.

The data provided by the State was supplemented by Alaska workers' compensation industry data as

reported in the National Council on Compensation Insurance's (NCCI's) insurance rating plans and Annual Statistical Bulletin (2023 Edition), other industry data as reported in AM Best's Aggregates and Averages (2023 Edition), and additional proprietary data from similar programs.

Uses of the Self-Insured Fund

It should be noted that this report assumes the maintenance of a fund balance as follows:

- the fund balance is maintained at the actuarially indicated level presented in our report;
- future accident periods are funded at the actuarially indicated level presented in our report;
- all fund contributions, interest income (if applicable) and recoveries are credited to the fund balance; and
- any expenses beyond those contemplated in our report will be fully budgeted and will be in addition to the amounts projected in our report. This would include non-claim related expenses such as insurance premiums, taxes and assessments, claims administration overhead expenses, etc. It would also include excluded categories of claims (e.g., land use, civil rights, pollution, etc.).

Variability

Finally, it should be noted that the development of funding recommendations is subject to inherent variability. Sources of this variability include uncertainties in the future social, legal and economic environments. In addition, the insurance process is itself subject to variation as claims are essentially random events that cannot be predicted with certainty. Therefore, no guarantee can be made that the recommendations contained in this report will prove to be adequate or not excessive. We have, however, utilized methods and assumptions that are in accord with accepted actuarial standards, and we believe the conclusions reached are reasonable.

RESULTS AND CONCLUSIONS

Based on our analysis we have the following results and conclusions:

Outstanding Liabilities as of June 30, 2023

The actuarial central estimate of the undiscounted liability for unpaid workers' compensation, general liability, automobile liability, marine, aviation, and property claims as of June 30, 2023 is \$181.8 million. The central estimate discounted to present value (at an assumed annual interest rate of 3.0%) is \$150.9 million. This estimate provides for all payments made after June 30, 2023 associated with claims occurring through June 30, 2023.

These indicated liabilities are outlined on Summary Exhibit 1, Sheet 1a together with estimates at higher probability levels based on a statistical simulation model. It is recommended that the State aim to establish the fund balance to lie within the range of these values. The choice of probability level at which to maintain the fund balance is ultimately a management decision based on its assessment of financial risk, available resources, and the availability of alternative funding sources should a shortfall arise. Within reason, the long-term cost of the programs is essentially independent of the funding strategy that is followed. However, the strategy is important in ensuring smooth financial results and in increasing the probability that adequate funds are readily available to pay claims as they become due.

Similarly, the indicated liabilities as of June 30, 2024, June 30, 2025, and June 30, 2026 are outlined on Summary Exhibit 1, Sheets 1b-1d, respectively.

Fund Contribution for Fiscal Years July 1, 2023 through June 30, 2026

Summary Exhibit 2, Sheets 1a-1c respectively provide a summary of the recommended funding amounts for the next three fiscal periods at a central estimate as well as higher probability levels. The fund contributions account for incidents occurring in the stated fiscal years only and do not reflect provisions to correct or amortize any prior inadequacy or redundancy that may exist in the actual fund balance. The fund contributions anticipate specific excess coverage will be maintained at current levels. The contributions do not reflect any aggregate coverage that the State may decide to purchase.

General Recommendations

The estimated future fund contributions are based on projections of future exposures and the current commercial excess program. If actual exposures or the excess program significantly differ from projected values, we should be contacted so that funding projections can be revised, as necessary. It is recommended that the funding recommendations be reviewed and adjusted as necessary on an annual basis.

Reconciliation of Reserve Balances

Exhibit 1, Sheet 3 of Appendices A through F provide a reconciliation of the State's recommended reserve balance as of June 30, 2023 with the recommended reserve balance from the prior year analysis (i.e., as of June 30, 2022).

Appendix A, Exhibit 1, Sheet 3 provides a reconciliation of the State's recommended reserve balance for the workers' compensation program. The reconciliation starts with the recommended reserve balance as of June 30, 2022 of \$139.4 million. This amount came from the State's June 30, 2022 actuarial analysis and represents the central estimate of the expected reserve balance (i.e., no risk margin adjustment). To that amount, we add the current reserve balance for accidents that

occurred between July 1, 2022 and June 30, 2023 as of June 30, 2023 as well as the change in case reserves as of June 30, 2023 for accidents that occurred prior to July 1, 2022.

The remaining balancing item of negative \$4.4 million, shown on Line (4), represents the change in the State's reserve balance resulting from changes in IBNR projections for accident periods prior to July 1, 2022.

For informational purposes, Line (6) shows the total payments made between July 1, 2022 and June 30, 2023 on accidents that occurred prior to July 1, 2022. For the workers' compensation program, this amount is \$10.9 million. The sum of the amounts in Lines (3), (4), and (6) represents the total change in ultimate losses and ALAE for periods prior to July 1, 2022 and is used to evaluate the historical results of the programs. For example, for the workers' compensation program, the total change in ultimate loss and ALAE projections for prior years is a decrease of \$6.4 million (the sum of Lines (3), (4), and (6) on Appendix A, Exhibit 1, Sheet 3).

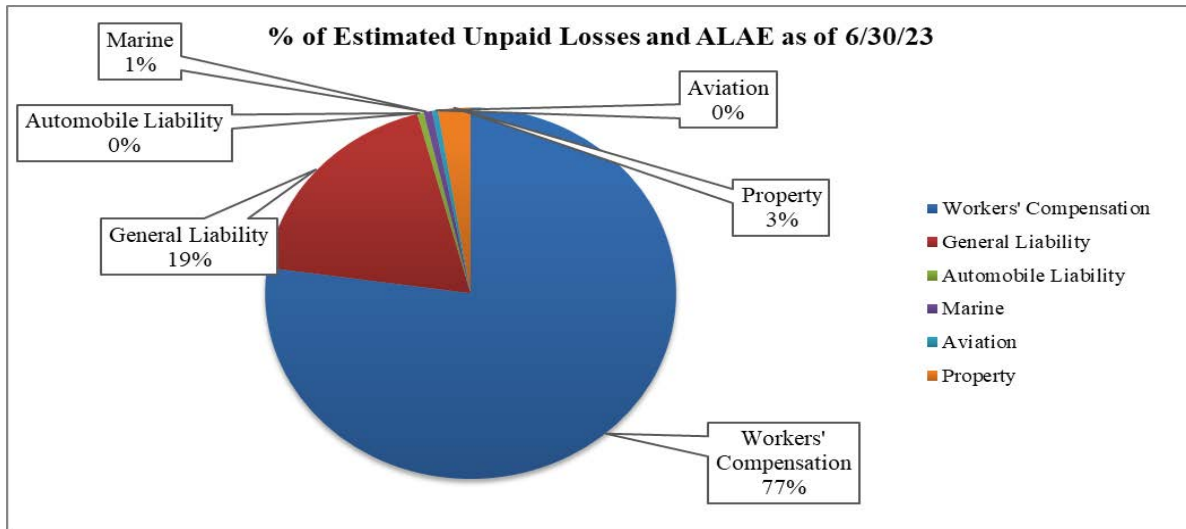
Exhibit 1, Sheet 3 of Appendices B through F provides a similar reconciliation for the other programs.

In the case of the general liability program, the current analysis indicates an increase in projected ultimate losses and ALAE for prior years of approximately \$54 thousand. See Appendix B, Exhibit 1, Sheet 3.

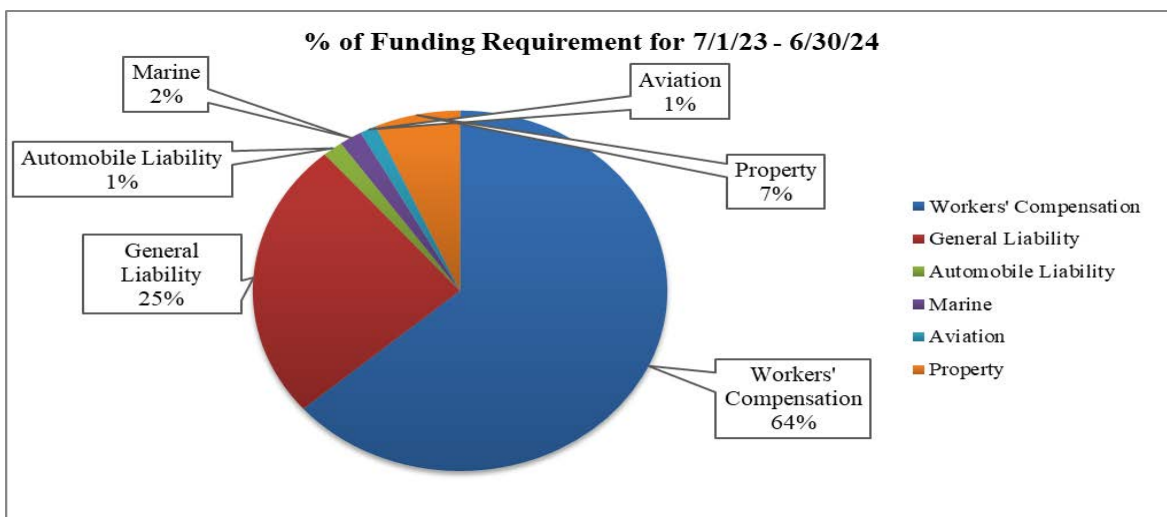
In the case of the automobile liability program, there was an increase in projected ultimate losses for prior years of approximately \$73 thousand. In the case of the marine program, there was an increase in projected ultimate losses for prior years of approximately \$374 thousand. In the case of the aviation program, there was an increase in projected ultimate losses for prior years of approximately \$200 thousand. In the case of the property program, there was an increase in projected ultimate losses for prior years of approximately \$352 thousand.

Loss Trends – All Programs Combined

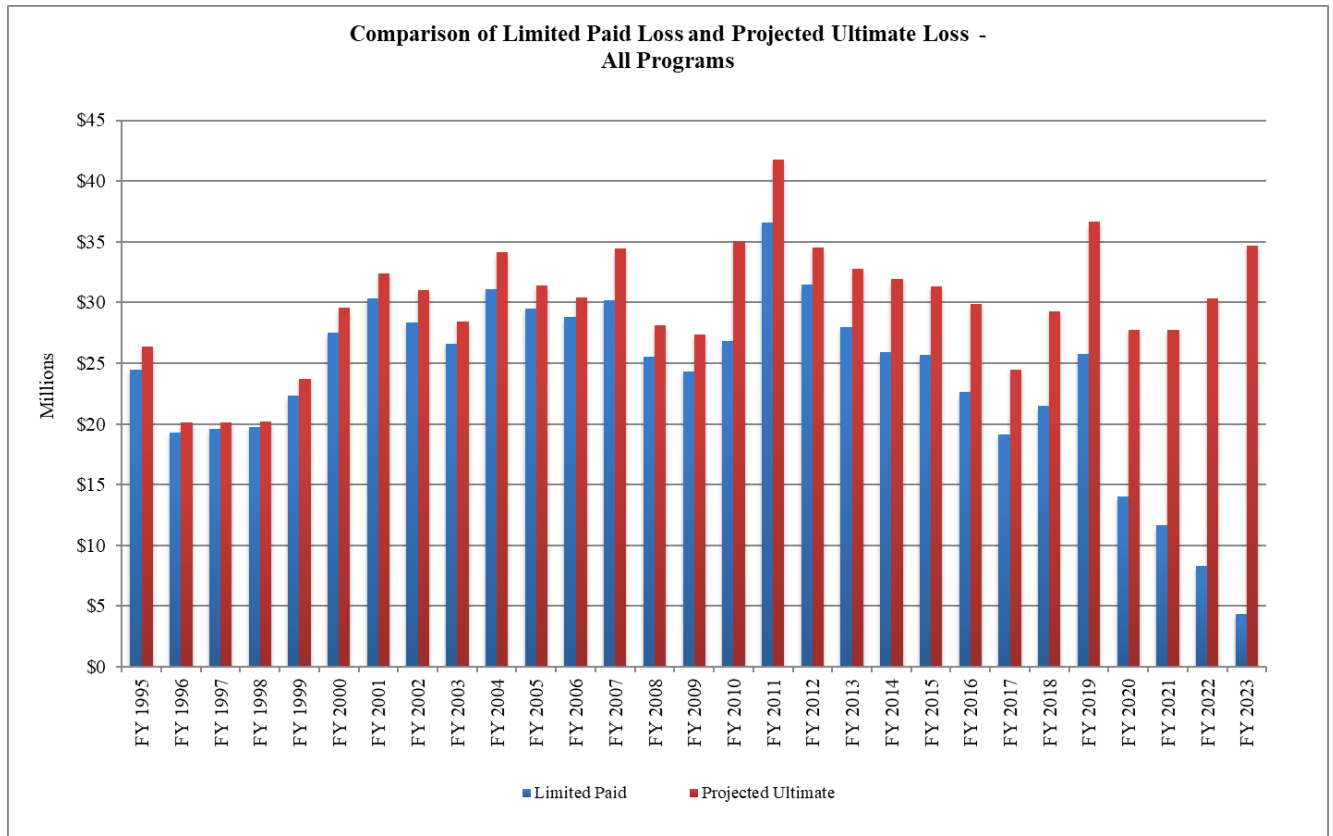
The following graph illustrates the composition of estimated unpaid losses and ALAE as of June 30, 2023 on an undiscounted basis by program.



Similarly, the following graph illustrates the composition of the estimated funding requirement for fiscal year 2023-2024 on an undiscounted basis by program.



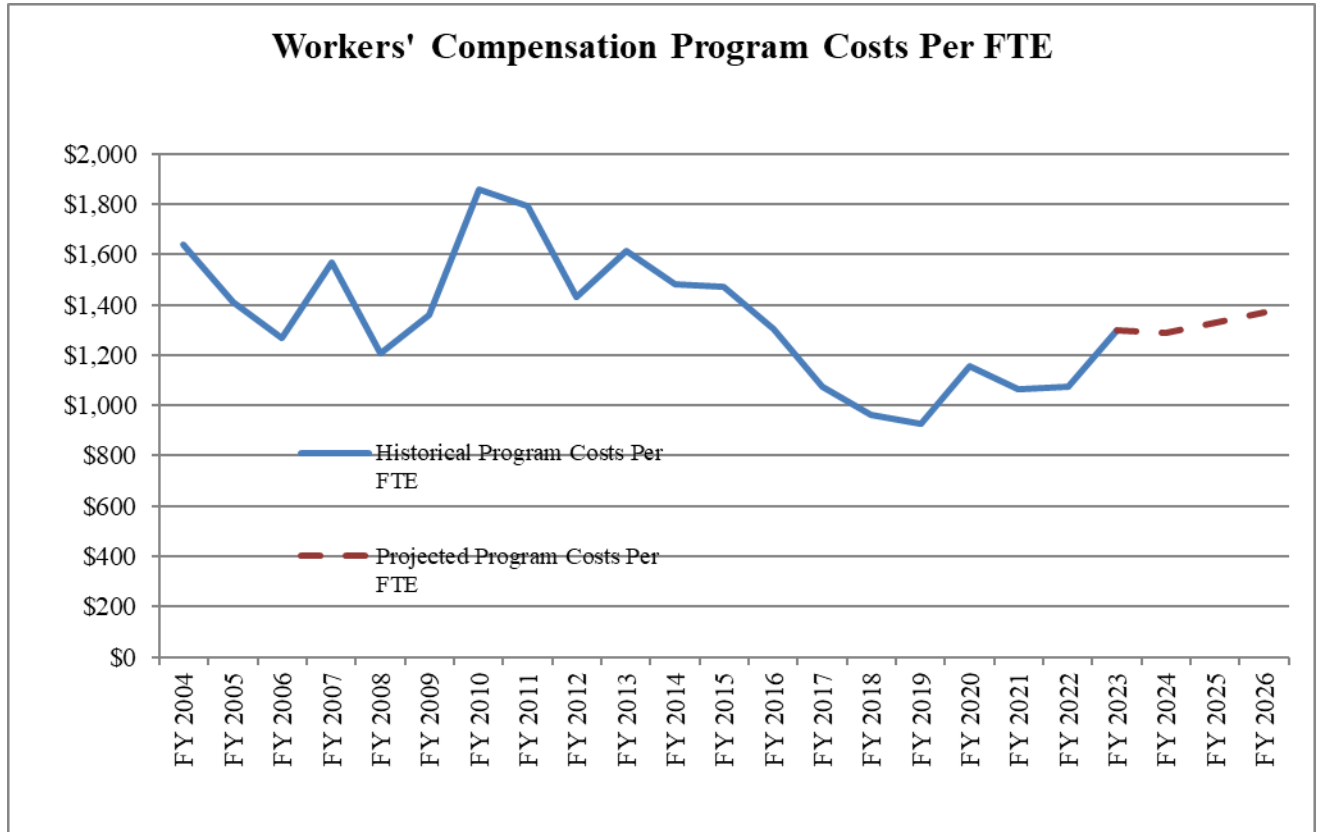
For each fiscal year, the next graph compares limited paid losses against ultimate (paid + outstanding case reserves + IBNR).

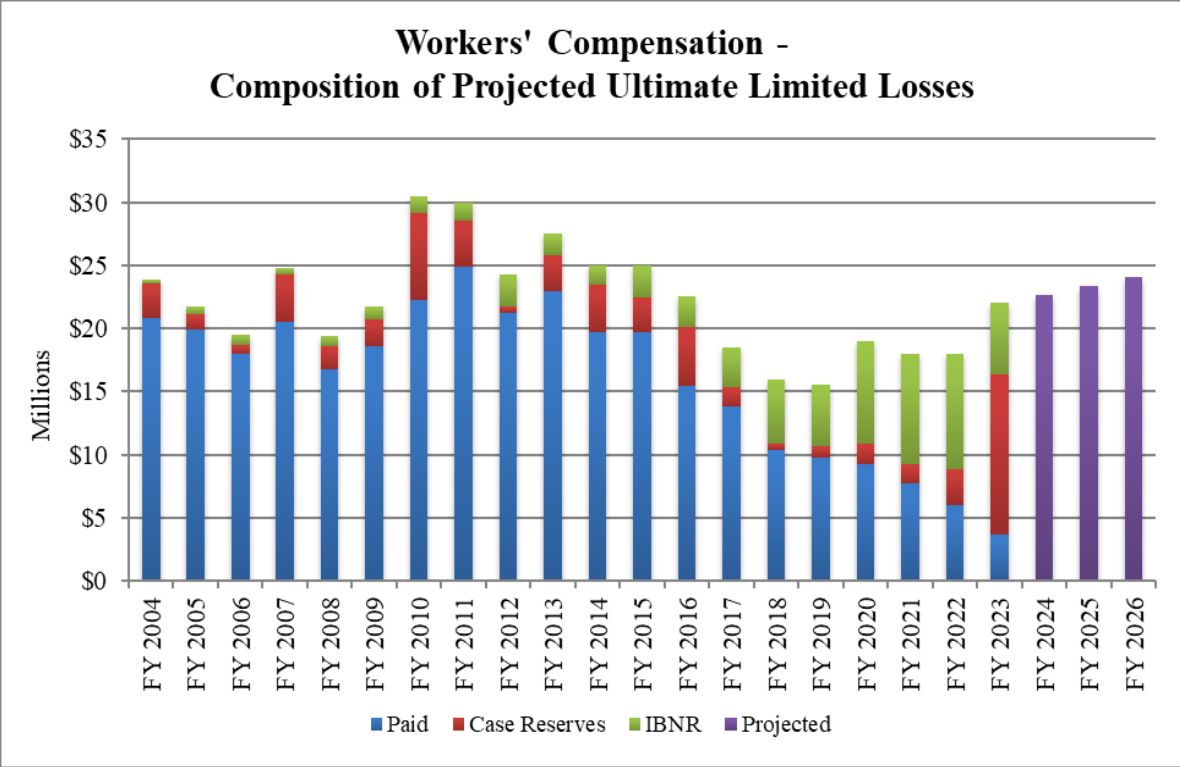
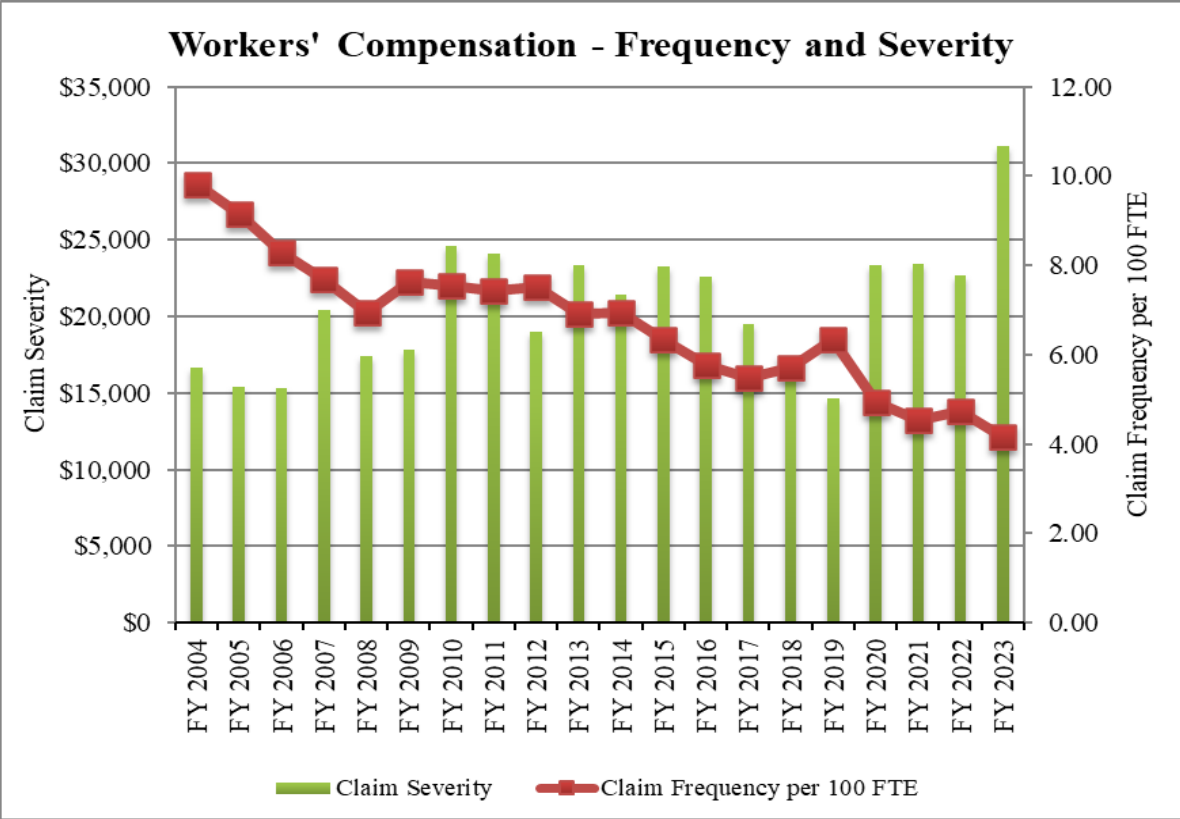


Trends by Program

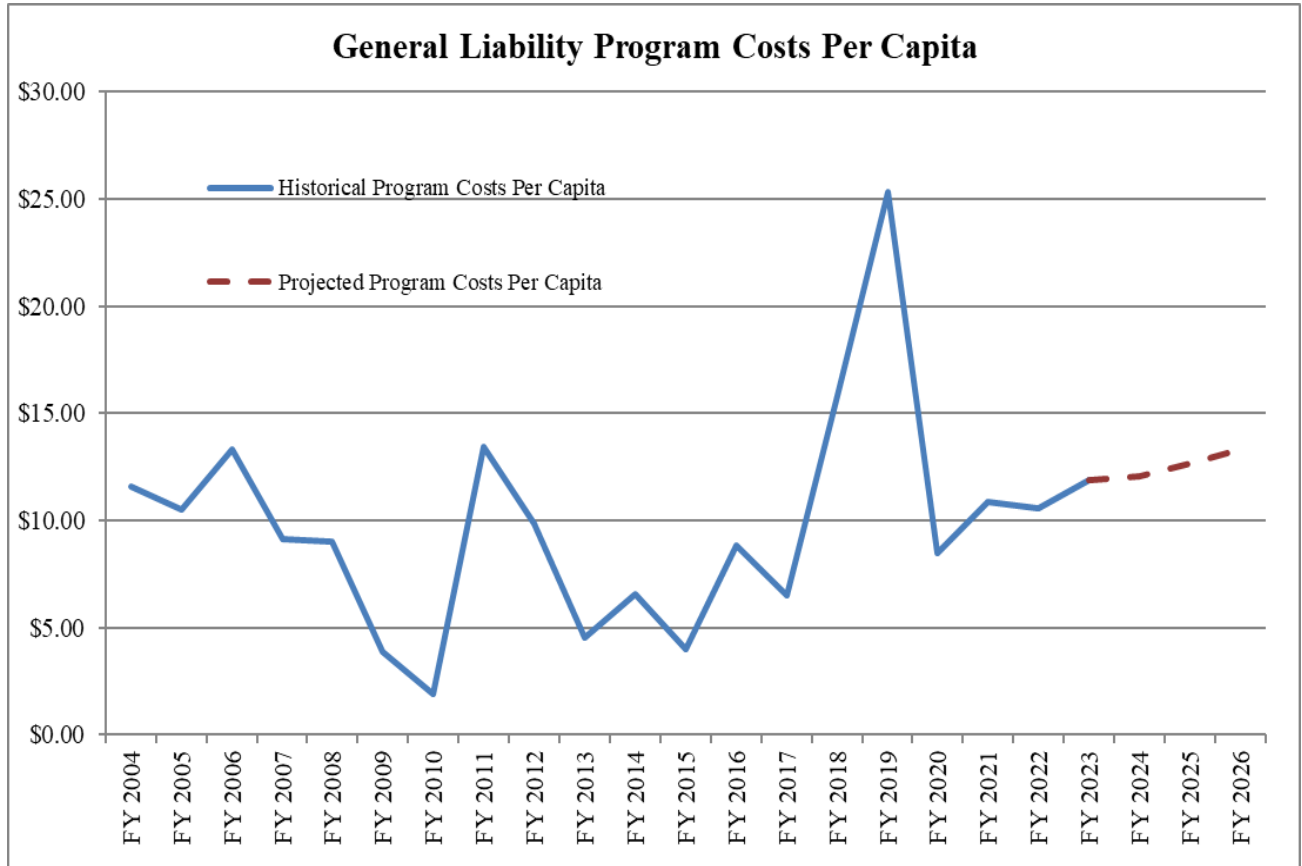
For each program, the following series of graphs illustrate historical and projected program costs (ultimate loss and ALAE divided by exposure base), frequency and severity trends, and the composition of ultimate loss and ALAE.

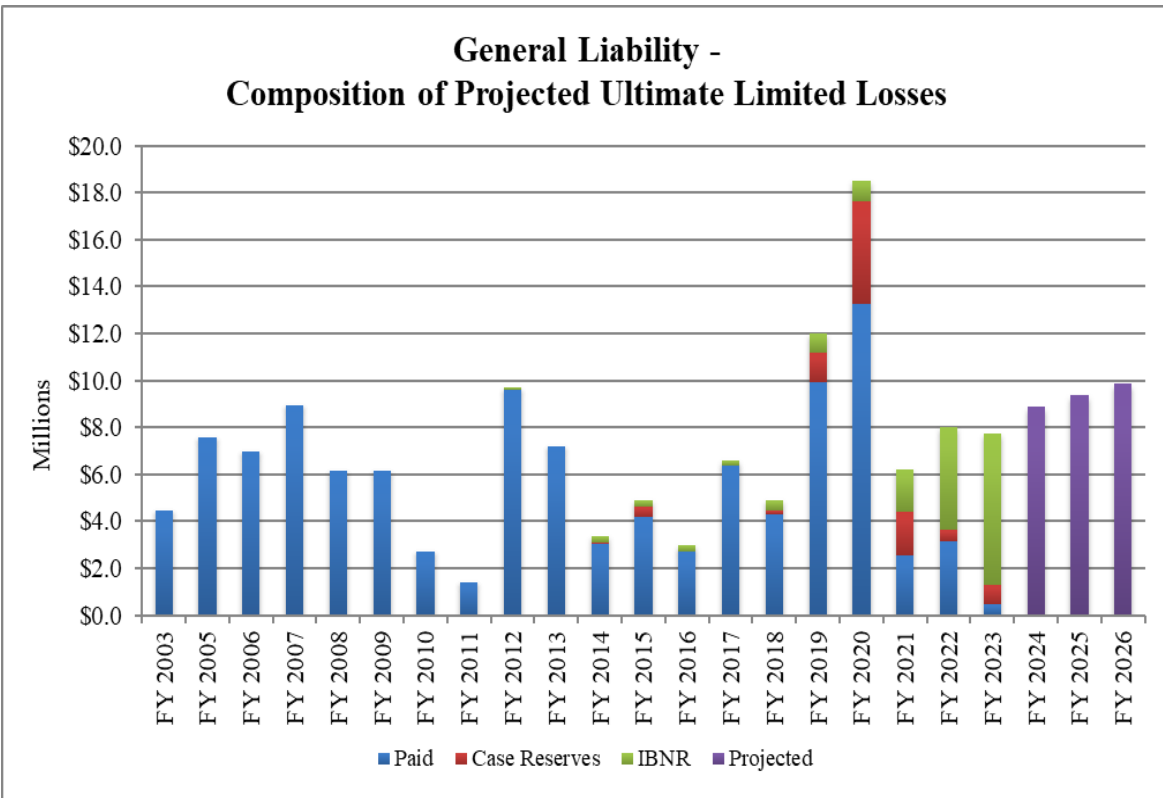
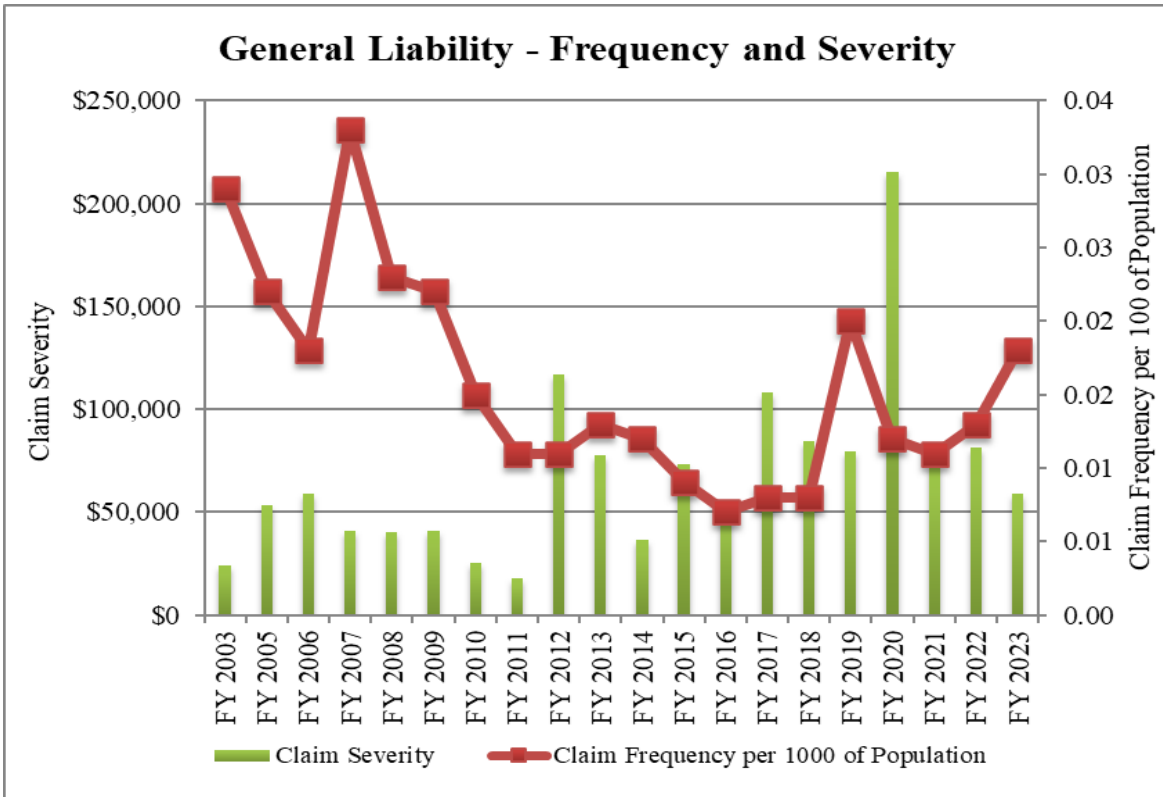
Workers' Compensation



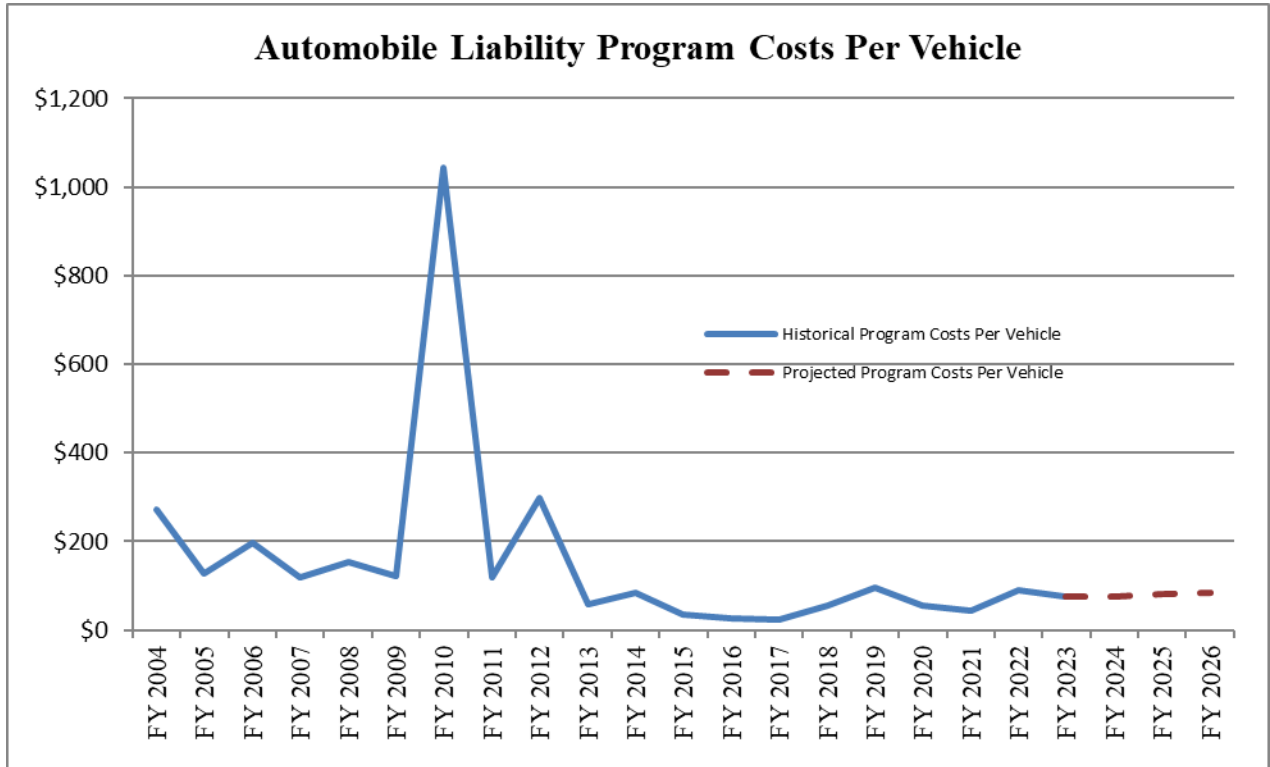


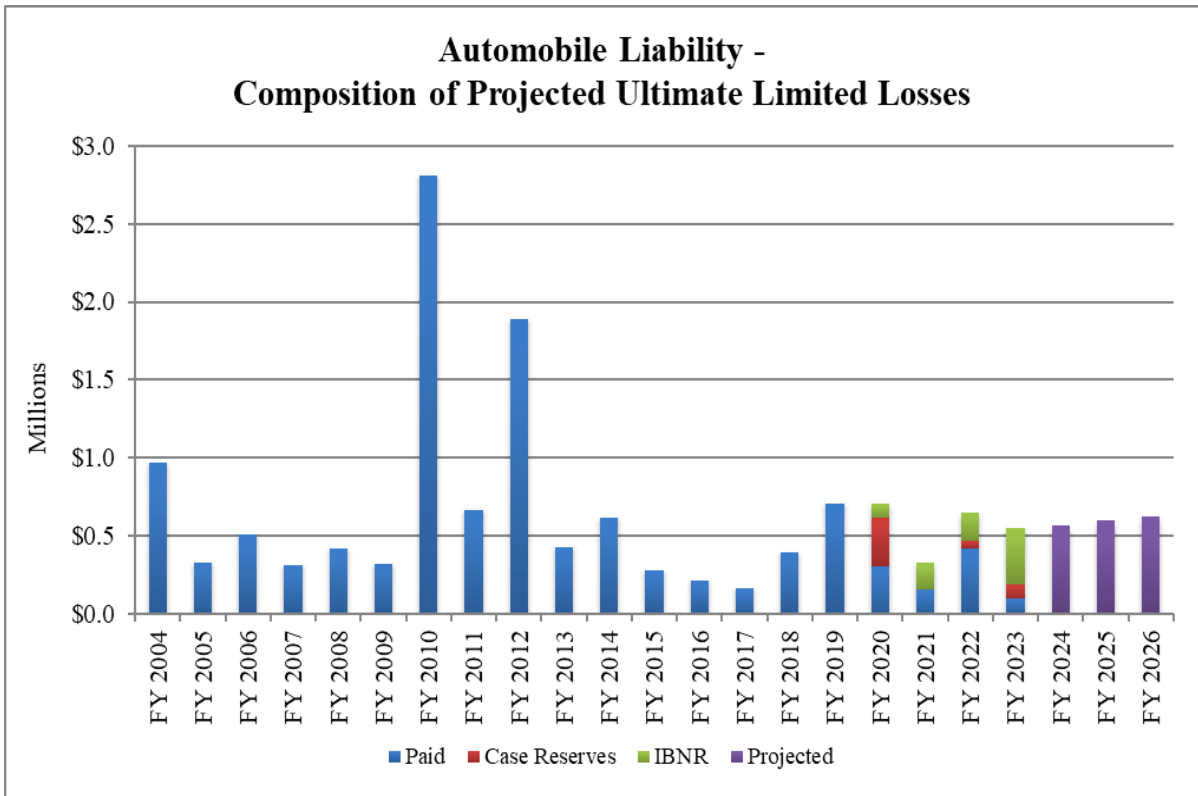
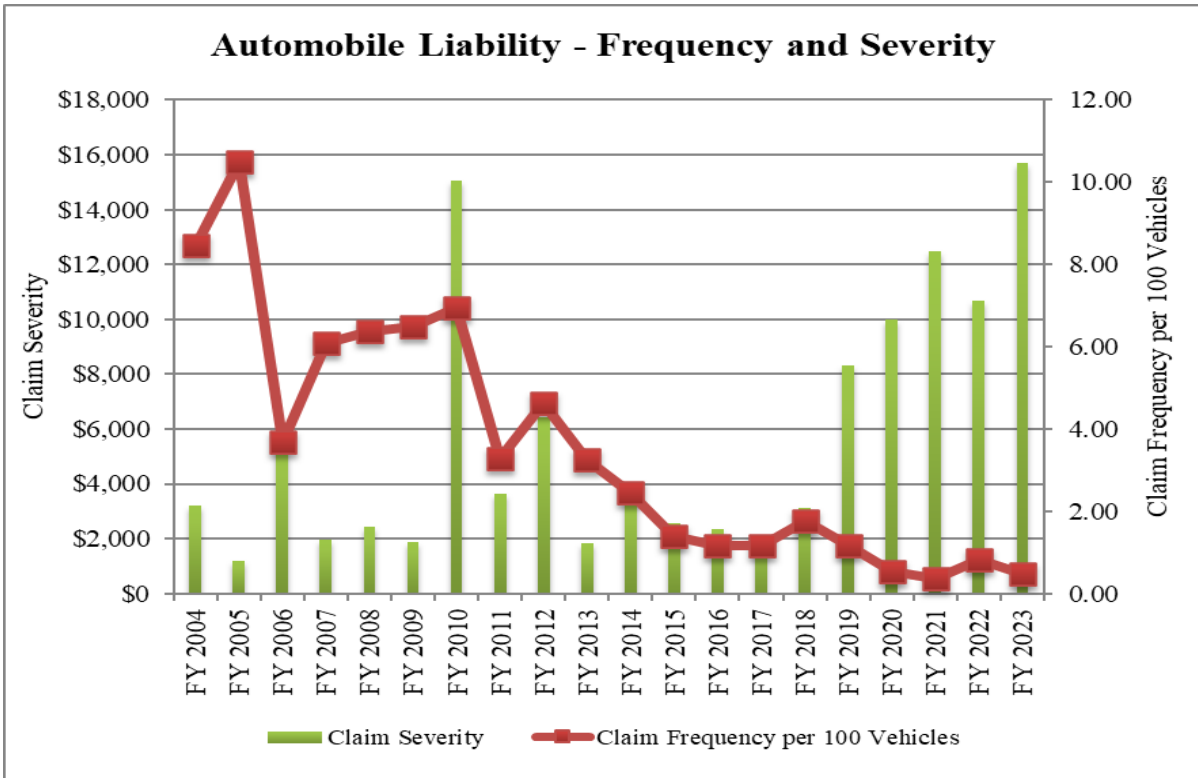
General Liability



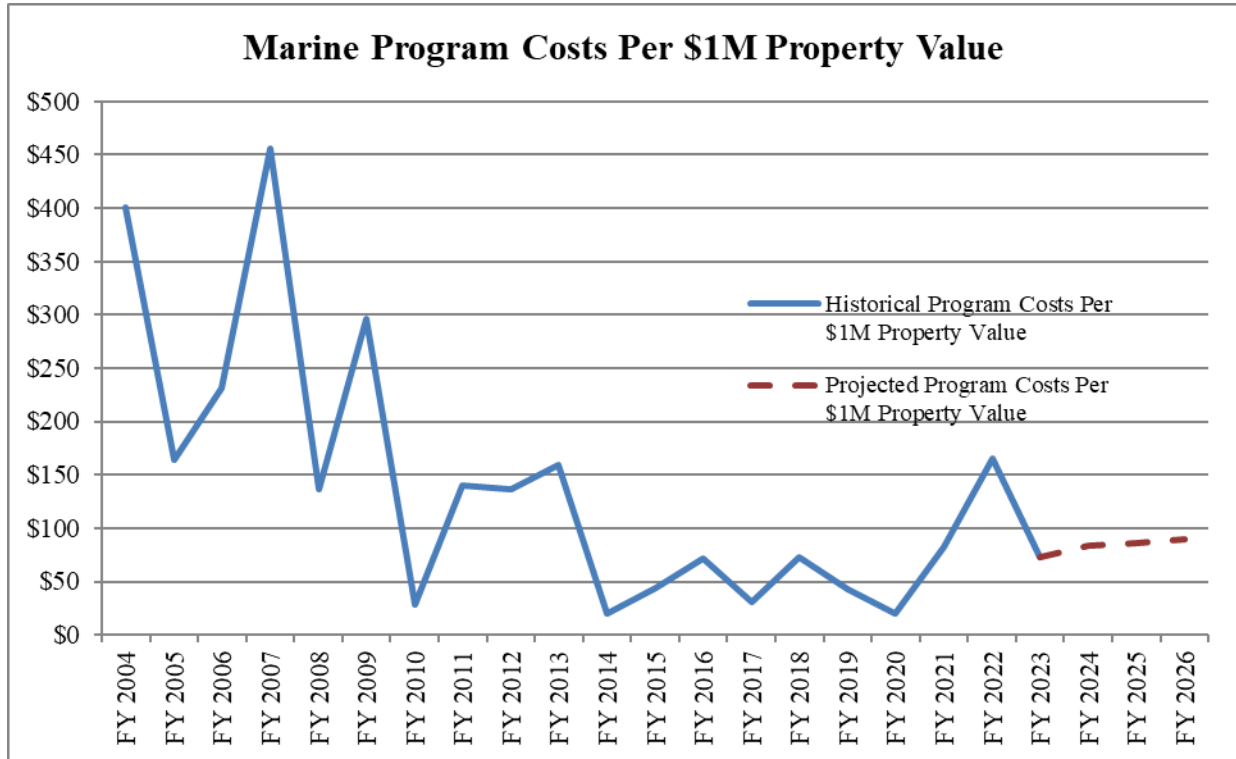


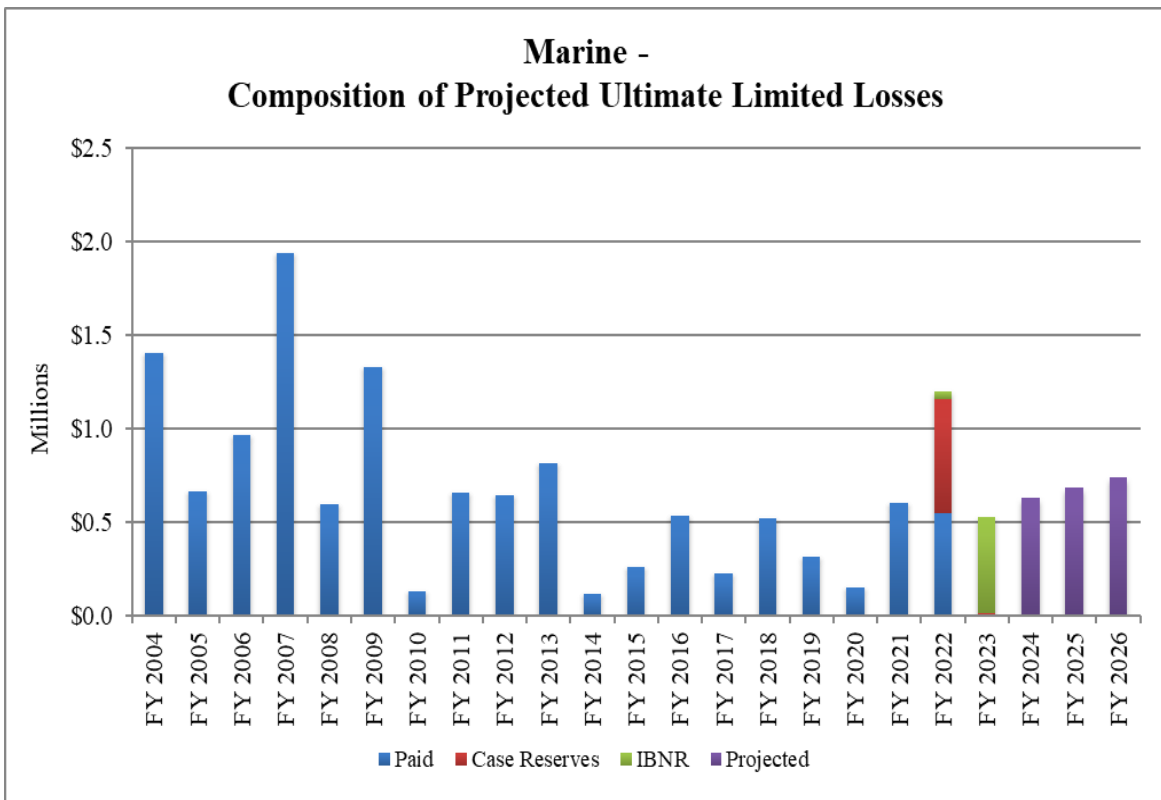
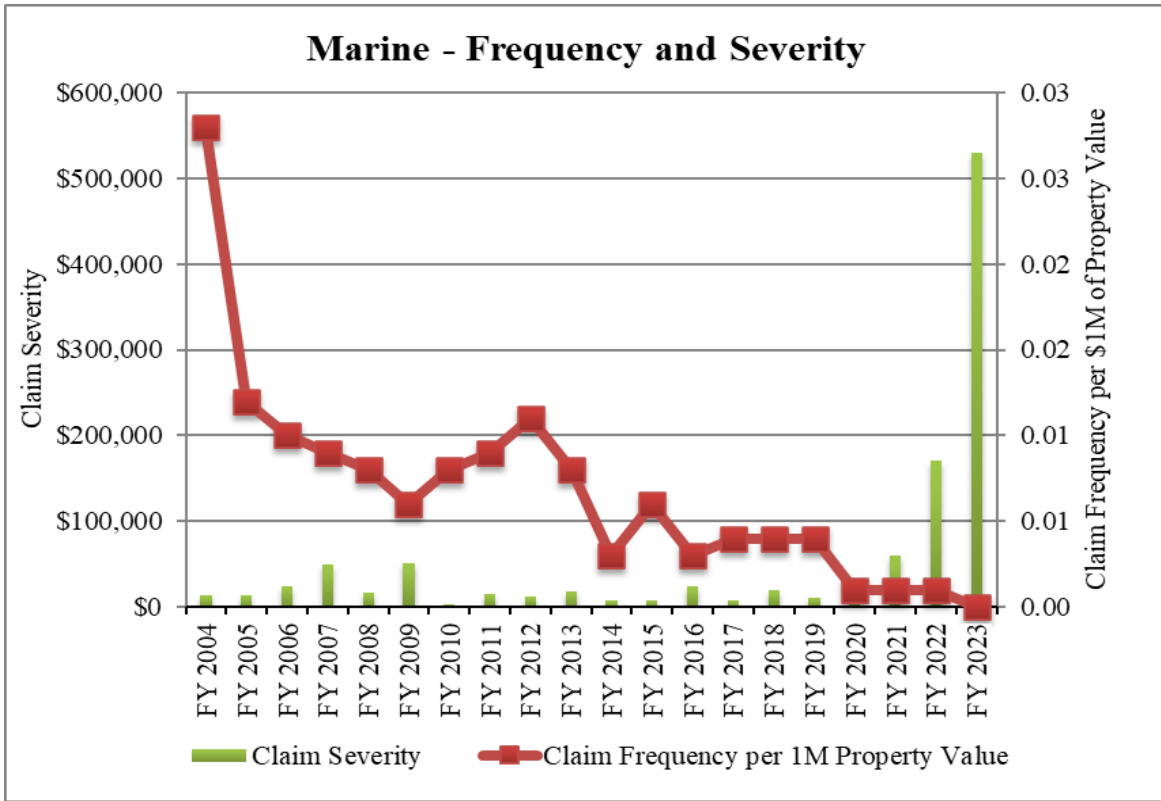
Automobile Liability



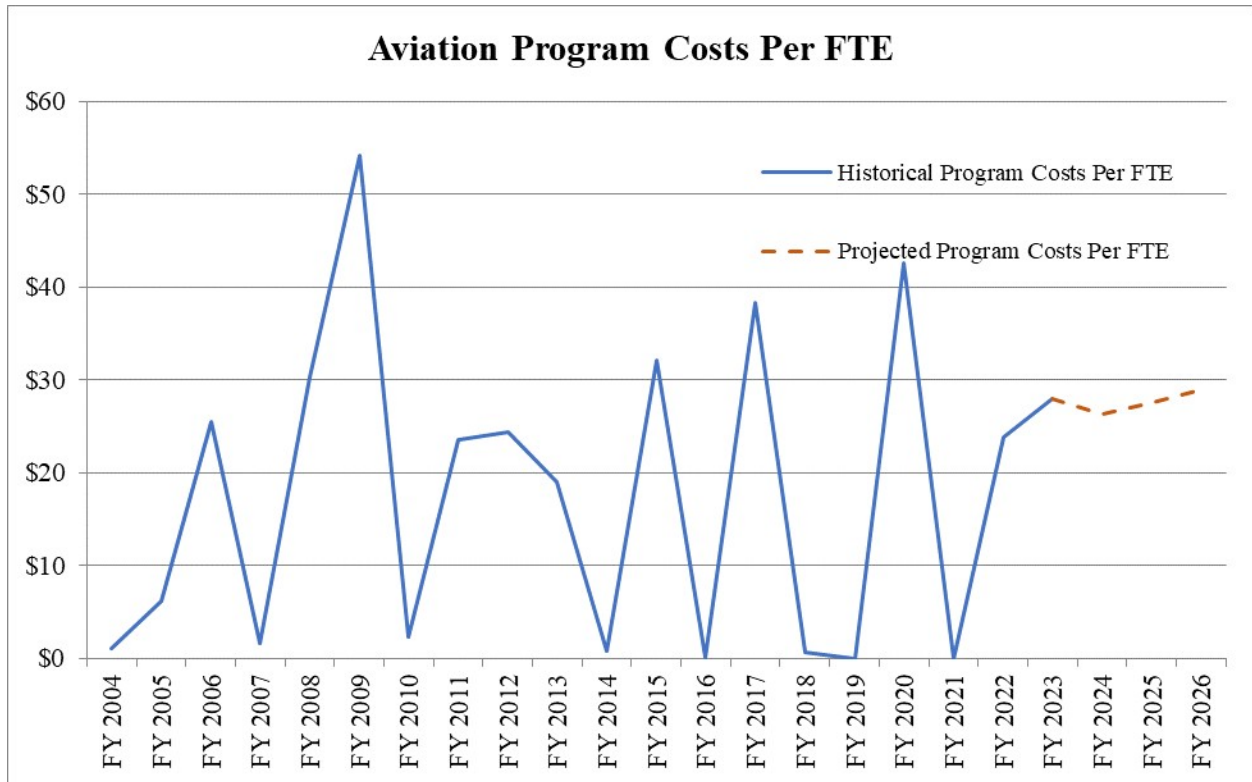


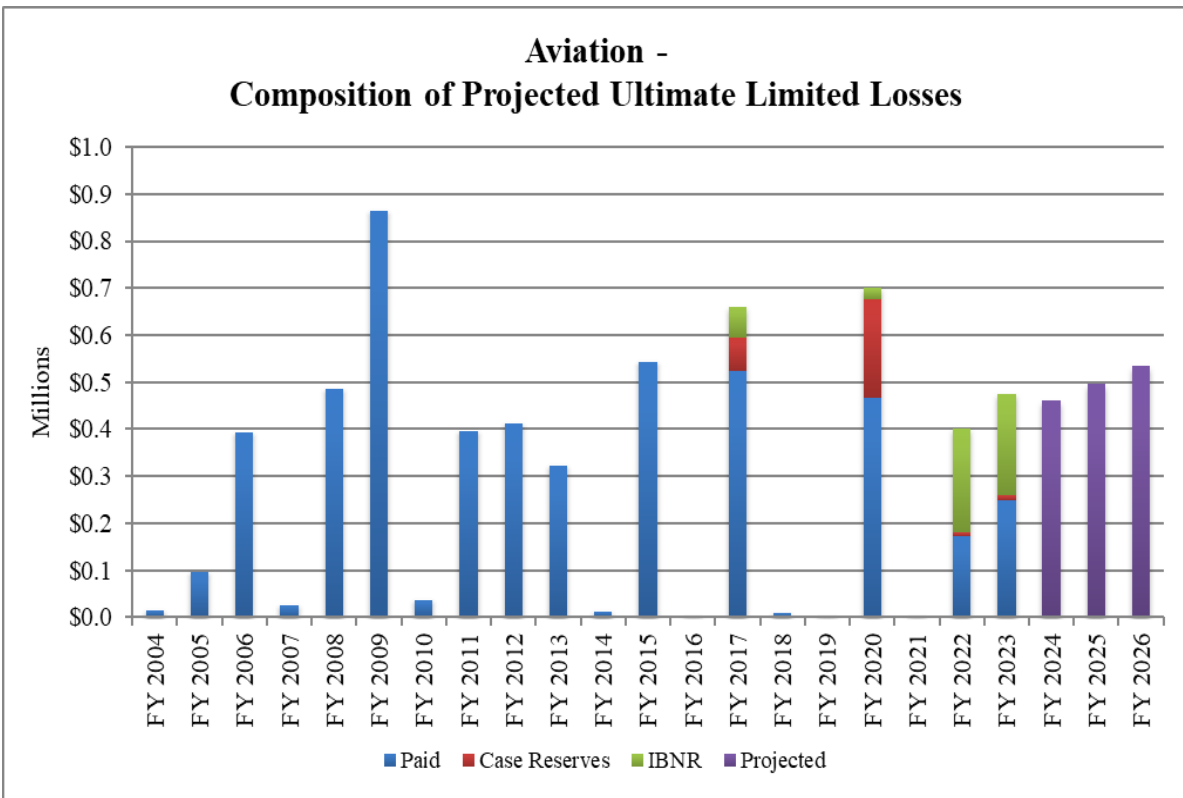
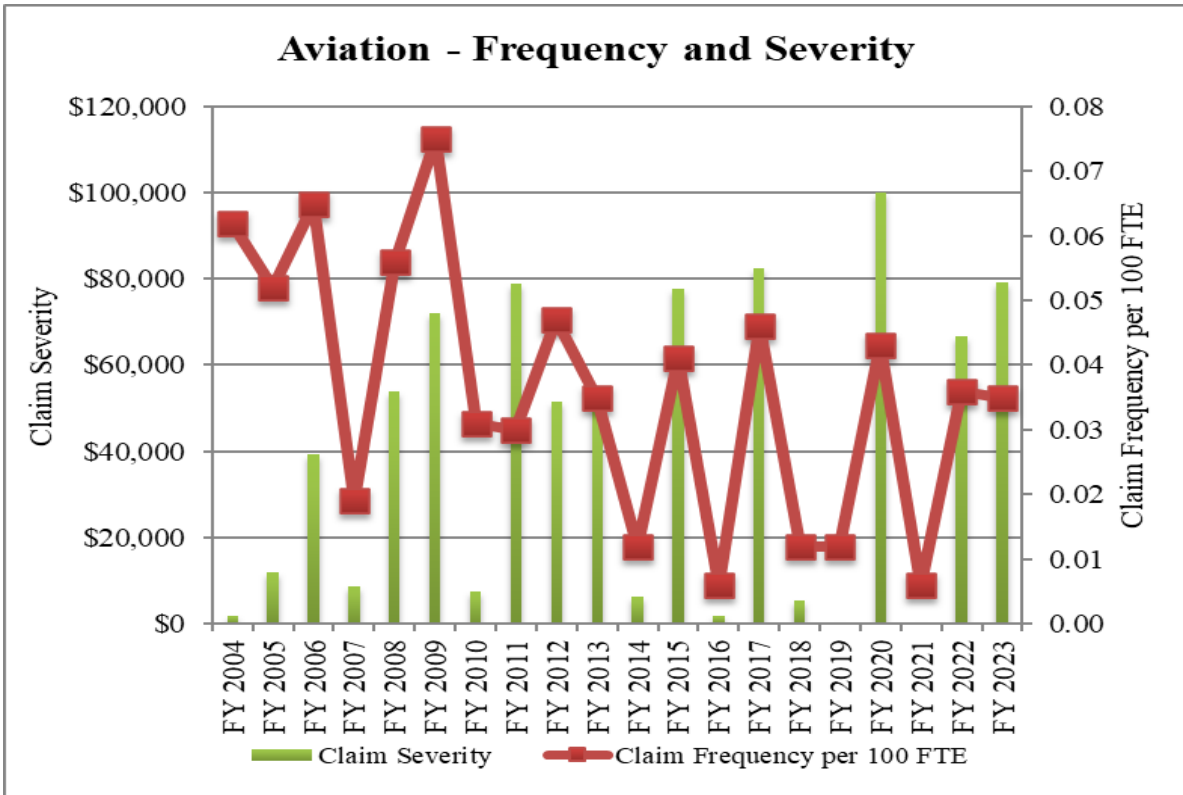
Marine



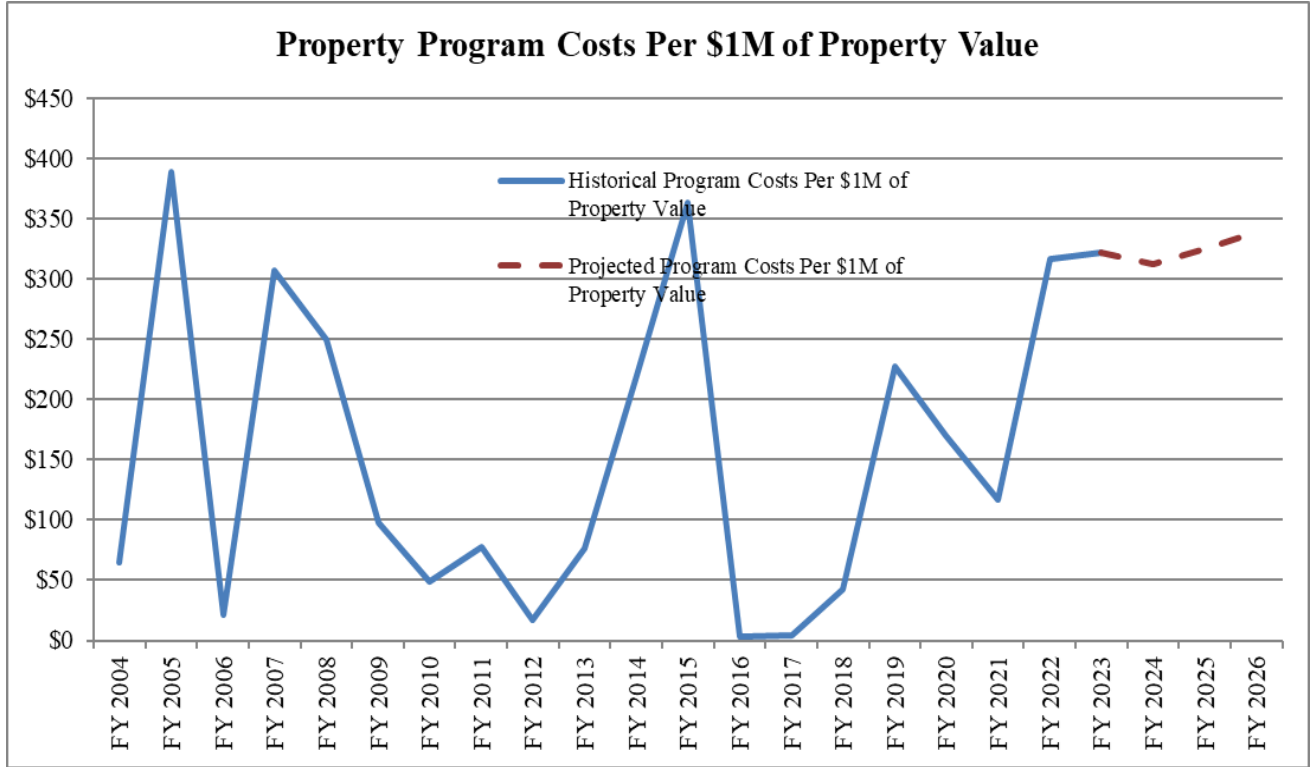


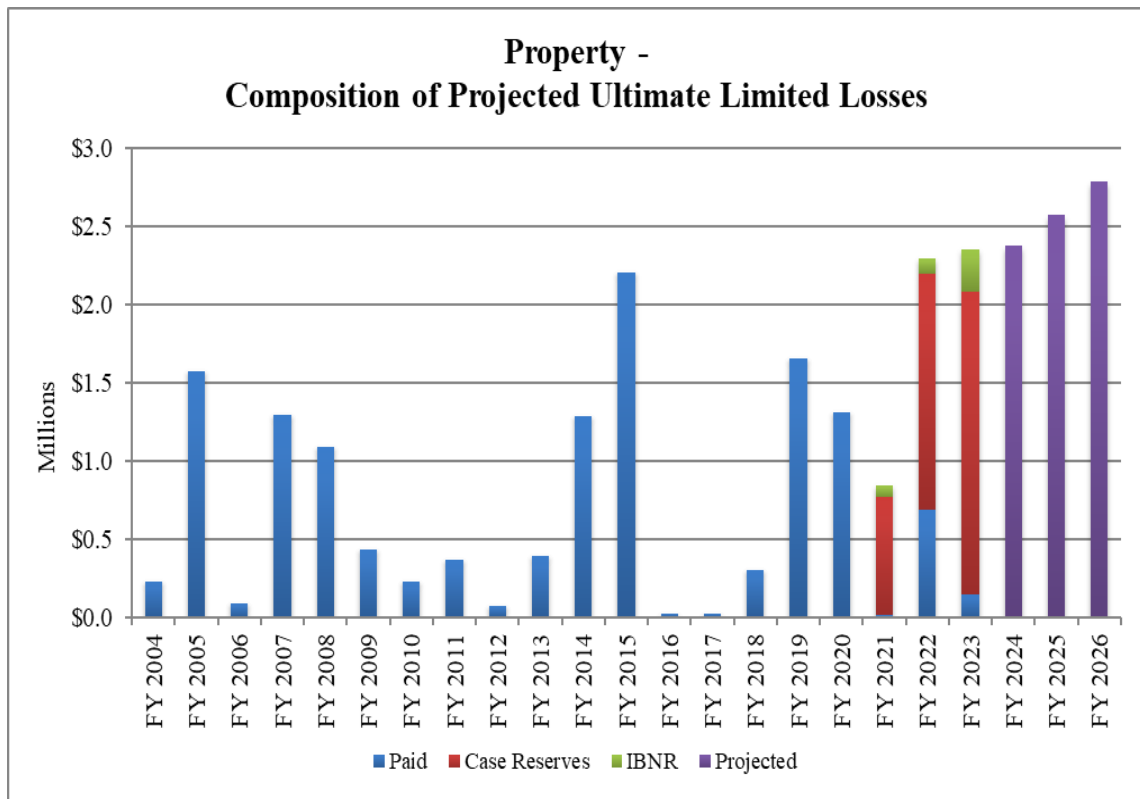
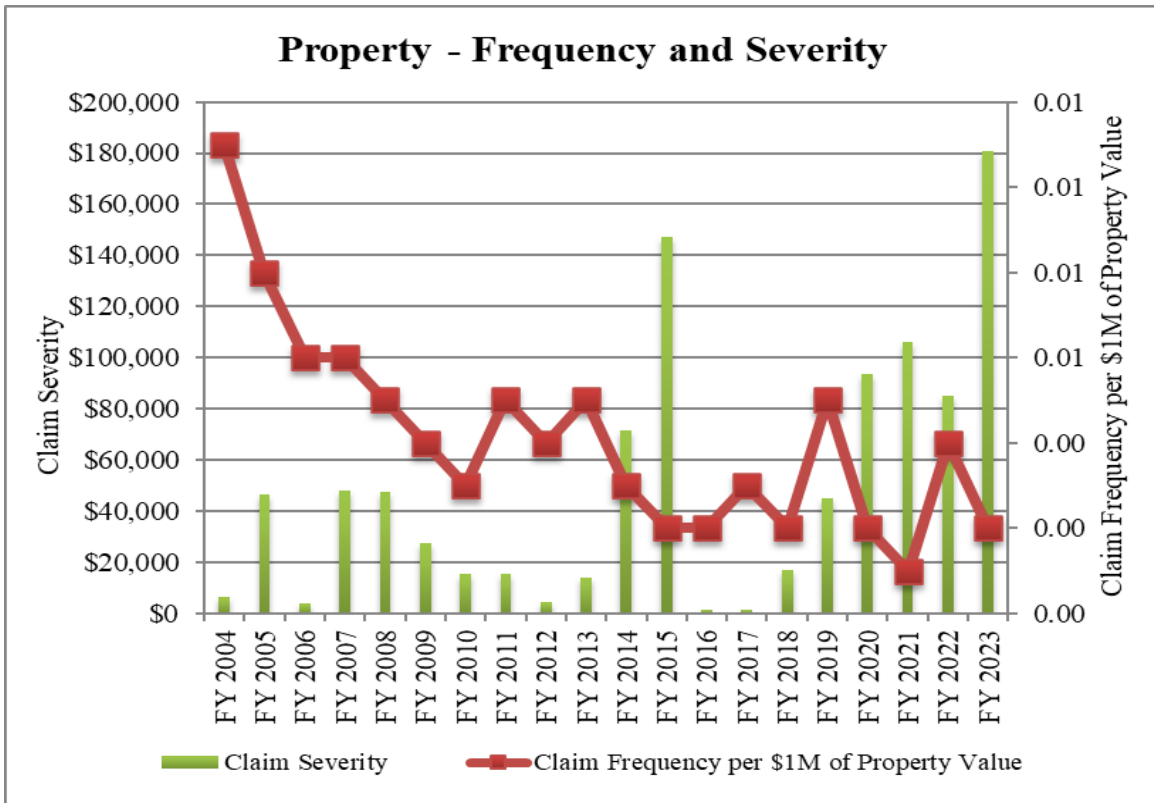
Aviation





Property





Size of Loss Distributions

The following series of charts portray size of loss distributions for workers' compensation, general liability, and automobile liability all years combined. The distributions show the percentage of claims in each layer on both a claim count and a dollar basis. Details of these calculations can be found on Exhibit 12 of Appendices A-C. In addition, Exhibit 12 of Appendices D-F provides similar detail for the marine, aviation, and property programs, respectively.

Layer	Size of Loss Distribution - Workers' Compensation					
	Reported Claim Counts	% of Total	Cumulative % of Total	Reported Losses	% of Total	Cumulative % of Total
\$0 - \$5,000	40,853	80.9%	80.9%	\$ 29,562,258	4.7%	4.7%
\$5,000 - \$10,000	2,752	5.5%	86.4%	19,640,126	3.1%	7.8%
\$10,000 - \$25,000	2,731	5.4%	91.8%	44,440,815	7.1%	14.9%
\$25,000 - \$50,000	1,728	3.4%	95.2%	61,515,871	9.8%	24.7%
\$50,000 - \$100,000	1,235	2.4%	97.7%	86,698,104	13.8%	38.5%
\$100,000 - \$250,000	810	1.6%	99.3%	122,942,505	19.6%	58.1%
\$250,000 - \$500,000	209	0.4%	99.7%	72,252,373	11.5%	69.6%
\$500,000 - \$750,000	70	0.1%	99.8%	41,185,542	6.6%	76.1%
\$750,000 - \$1,000,000	29	0.1%	99.9%	25,253,491	4.0%	80.1%
> \$1,000,000	68	0.1%	100.0%	124,744,212	19.9%	100.0%
Total	50,485	100.0%		\$ 628,235,297	100.0%	

Layer	Size of Loss Distribution - General Liability					
	Reported Claim Counts	% of Total	Cumulative % of Total	Reported Losses	% of Total	Cumulative % of Total
\$0 - \$5,000	8,369	81.5%	81.5%	\$ 3,968,206	1.7%	1.7%
\$5,000 - \$10,000	405	3.9%	85.4%	2,931,191	1.3%	3.0%
\$10,000 - \$25,000	489	4.8%	90.2%	8,154,322	3.5%	6.5%
\$25,000 - \$50,000	329	3.2%	93.4%	11,662,182	5.1%	11.6%
\$50,000 - \$100,000	270	2.6%	96.0%	19,127,655	8.3%	19.9%
\$100,000 - \$250,000	222	2.2%	98.2%	34,899,976	15.1%	35.0%
\$250,000 - \$500,000	85	0.8%	99.0%	29,283,431	12.7%	47.6%
\$500,000 - \$750,000	48	0.5%	99.5%	28,769,989	12.5%	60.1%
\$750,000 - \$1,000,000	16	0.2%	99.7%	13,724,024	5.9%	66.1%
> \$1,000,000	35	0.3%	100.0%	78,395,344	33.9%	100.0%
Total	10,268	100.0%		\$ 230,916,320	100.0%	

Layer	Size of Loss Distribution - Automobile Liability					
	Reported Claim Counts	% of Total	Cumulative % of Total	Reported Losses	% of Total	Cumulative % of Total
\$0 - \$5,000	11,183	95.2%	95.2%	\$ 6,377,286	19.8%	19.8%
\$5,000 - \$10,000	255	2.2%	97.4%	1,775,693	5.5%	25.4%
\$10,000 - \$25,000	163	1.4%	98.8%	2,553,221	7.9%	33.3%
\$25,000 - \$50,000	71	0.6%	99.4%	2,500,003	7.8%	41.1%
\$50,000 - \$100,000	37	0.3%	99.7%	2,594,093	8.1%	49.2%
\$100,000 - \$250,000	13	0.1%	99.8%	1,921,902	6.0%	55.2%
\$250,000 - \$500,000	12	0.1%	99.9%	4,184,848	13.0%	68.2%
\$500,000 - \$750,000	4	0.0%	100.0%	2,502,738	7.8%	76.0%
\$750,000 - \$1,000,000	1	0.0%	100.0%	975,000	3.0%	79.0%
> \$1,000,000	4	0.0%	100.0%	6,748,197	21.0%	100.0%
Total	11,743	100.0%		\$ 32,132,981	100.0%	

The charts above illustrate that the vast majority of claims arise from claims valued at \$5,000 or less; however, there is a wide dispersion in terms of the claims dollars by layer.

ANALYSIS

Separate analyses of each program were performed and are summarized in Appendices A through F.

The major steps in each analysis were as follows:

- (i) Ultimate losses net of specific excess recoveries were estimated for each fiscal accident year based on the State's actual loss history.
- (ii) Ultimate losses for the future fiscal years were estimated based on loss levels of prior periods and estimates of future exposure growth and inflation.
- (iii) Based on the ultimate losses selected in (i), the liability as of June 30, 2023 was estimated at both a nominal and discounted value.
- (iv) A statistical simulation model was utilized to estimate reserves at various probability levels.
- (v) Funding contributions for the future fiscal years were calculated based on the losses estimated in (ii) and the statistical model in (iv).

Each of these steps is discussed in more detail in the remaining sections.

Projection of Ultimate Retained Losses

For each program, losses were projected by fiscal year utilizing five projection methods:

- reported loss approach;
- paid loss approach;
- unreported loss approach;

- unpaid loss approach; and
- expected loss approach.

The results of the methods are summarized in Exhibit 3 of Appendices A through F. The following sections describe the methods in more detail for workers' compensation (Appendix A). The methods applied to the remaining programs are similar.

Reported/Paid Development Approach - Workers' Compensation

Appendix A, Exhibit 4 summarizes the application of the reported and paid development approaches to projecting the State's losses. In this method, aggregate reported and paid losses for each fiscal year are projected to an estimated ultimate value by multiplying actual losses by a loss development factor. The loss development factors utilized on these exhibits were based on the State's own historical experience supplemented by Alaska industry information provided by NCCI.

This approach assumes that historical loss development is predictive of future loss development; in other words, it assumes that future losses will develop similar to historical losses. The advantage of this approach is that it relies on actual historical loss experience. A potential disadvantage, however, is that significant changes in operations, settlement patterns, or reserving practices may distort development patterns and prior experience may not be predictive of future loss development.

Unreported Loss Approach - Workers' Compensation

Appendix A, Exhibit 5 summarizes the application of the unreported loss approach in projecting the State's losses. In this method, expected unreported losses are estimated by multiplying an initial estimate of ultimate losses based on the State's experience by estimated percentages of ultimate losses remaining unreported based on the development pattern from the reported method. Ultimate losses for the State are then estimated as the sum of actual reported losses and estimated unreported

losses. This method incorporates both the State's actual reported loss amounts as well as an expected level of losses.

This approach assumes that unreported losses will emerge in accordance with the a-priori estimate of expected losses. The advantage of this approach is that it combines actual losses and an a-priori estimate of expected losses to project ultimate losses. By incorporating actual loss data and an a-priori estimate, ultimate projections are responsive to actual experience while remaining relatively stable from valuation to valuation compared to the reported loss approach. This approach has the same potential disadvantages as the reported loss approach, although they are mitigated somewhat by the use of an a-priori estimate.

An important component of the unreported approach is the initial estimate of expected loss. This is discussed in more detail below.

Unpaid Loss Approach - Workers' Compensation

Appendix A, Exhibit 6 summarizes the application of the unpaid loss approach to projecting the State's losses. This method is similar to the unreported loss approach, except that unpaid losses are estimated rather than unreported losses.

This approach assumes that unpaid losses will emerge in accordance with the a-priori estimate of expected losses. The advantage of this approach is that it combines actual losses and an a-priori estimate of expected losses to project ultimate losses. By incorporating actual loss data and an a-priori estimate, ultimate projections are responsive to actual experience while remaining relatively stable from valuation to valuation compared to the paid loss approach. This approach has the same potential disadvantages as the paid loss approach, although they are mitigated somewhat by the use of an a-priori estimate.

Expected Loss Approach - Workers' Compensation

Exhibit 7 summarizes the application of the expected loss approach to projecting the State's losses. This approach projects ultimate losses by multiplying exposures by loss costs derived from historical loss experience. The first step of this approach is to bring historical reported losses to the current cost level by applying various industry factors to reflect loss trend. An aggregate onlevel loss cost (i.e., a total loss cost for all years at the current cost level) is then calculated by dividing the total onlevel reported losses by the total "used up" exposures. "Used up" exposure for an accident year is defined as the product of the exposure and the portion of the accident year's ultimate losses expected to be reported, based on the development pattern used in the reported loss approach above. The aggregate onlevel loss cost is then adjusted to historical cost levels ("detrended") and multiplied by exposures to determine indicated expected losses. The indicated expected losses are then used as the a-priori estimates of expected losses in the unpaid and unreported loss approaches described above.

This approach assumes that aggregate loss history is credible enough to develop an accurate aggregate onlevel loss cost. An advantage of this method is that it incorporates historical loss data to project a-priori expected ultimate losses. Because expected losses for each year are detrended from an onlevel loss cost for all years combined, however, the method's expected loss estimate for a particular year may not reflect its specific risk characteristics.

Projected Ultimate Claim Counts – Workers' Compensation

Appendix A, Exhibit 8 summarizes the projection of ultimate claim counts by fiscal year. The approach is similar to the paid and reported development approaches described above, where actual reported claims as of June 30, 2023 are multiplied by a development factor to project ultimate claim counts. The derivation of the claim development factors is shown on Sheets 2 and 3 of Exhibit 8.

Selected Ultimate Losses - Workers' Compensation

Appendix A, Exhibit 3 provides a summary of each of the projection methods. Based on these projections, ultimate losses are selected.

Development of Total Reserves - Workers' Compensation

Appendix A, Exhibit 1, Sheet 2 provides a summary of reserves on an undiscounted basis by fiscal year. Case reserves are the difference between the actual reported losses and the actual paid losses. IBNR reserves are the difference between the estimated ultimate losses and the total reported losses to date. Total reserves in Column (7) are the sum of the actual case reserves and the estimated IBNR reserves.

Development of Estimated Future Contributions

Appendix A, Exhibit 2 provides the development of the future funding requirements at the State's current self-insured retention for fiscal years July 1, 2023 through June 30, 2026 for the workers' compensation program. On Appendix A, Exhibit 2, Sheet 2, ultimate losses selected in Exhibit 3 are used to create an indicated loss rate at a 2023 cost level based on exposure (full-time equivalents or FTE) and historical trends. On Appendix A, Exhibit 2, Sheet 1, the 2023 level loss rate is multiplied by a trend factor and estimated FTE for future fiscal years to obtain the recommended ultimate loss and ALAE for fiscal periods through June 30, 2026. For workers' compensation, as well as general liability and automobile liability, Exhibit 2, Sheet 1 also provides an estimate of future fiscal year ultimate losses assuming a \$1 million per occurrence retention. This is developed by taking the unlimited ultimate loss projections and applying a retention adjustment factor, which is based on industry information as well as an examination of the State's historical loss experience limited to \$1 million per occurrence.

Summary Exhibit 2 gives a summary of the recommended funding amounts for future fiscal periods for all programs at the current retention.

Development of Discounted Reserves as of June 30, 2023

Appendix A, Exhibit 1, Sheet 1a provides a summary of the undiscounted and discounted reserves as of June 30, 2023. The interest rate scenario of 3.0% is for illustrative purposes and can be used by management to gauge the impact of potential future investment income. However, any discount rate ultimately used by the State is a management decision. The discount factors shown in Column (3) were based on assumed payment patterns and are calculated in Appendix A, Exhibit 9.

Development of Future Reserve Levels

Appendix A, Exhibit 1, Sheets 1b through 1d provide comparable reserve estimates for fiscal periods ending June 30, 2024, June 30, 2025, and June 30, 2026 on both an undiscounted basis and a discounted basis using a 3.0% interest rate. The estimated reserve levels were based on the estimated future loss contributions determined in Appendix A, Exhibit 2 and the selected payment patterns. Appendix A, Exhibit 10 shows the supporting calculations for estimated future reserve levels.

Finally, and in order to keep this report reasonably concise, we have not included source documentation or certain intermediate calculations and worksheets. We would be pleased to provide any or all of this information upon request.

STATE OF ALASKA

RESERVE ANALYSIS AS OF JUNE 30, 2023

SUMMARY OF OUTSTANDING LIABILITIES AT VARIOUS PROBABILITY LEVELS

Probability Level	Undiscounted Outstanding Liabilities (a)			
	As of 6/30/2023	As of 6/30/2024	As of 6/30/2025	As of 6/30/2026
(1)	(2)	(3)	(4)	(5)
95%	\$ 250,945,597	\$ 246,763,799	\$ 246,797,735	\$ 248,852,799
85%	216,395,115	212,789,073	212,818,337	214,590,457
75%	198,210,653	194,907,639	194,934,443	196,557,647
Central Estimate	\$ 181,844,635	\$ 178,814,347	\$ 178,838,938	\$ 180,328,115

Probability Level	Discounted Outstanding Liabilities (b)			
	As of 6/30/2023	As of 6/30/2024	As of 6/30/2025	As of 6/30/2026
(1)	(6)	(7)	(8)	(9)
95%	\$ 208,252,589	\$ 204,336,415	\$ 204,394,797	\$ 206,311,838
85%	179,580,131	176,203,141	176,253,484	177,906,586
75%	164,489,364	161,396,153	161,442,267	162,956,451
Central Estimate	\$ 150,907,673	\$ 148,069,866	\$ 148,112,172	\$ 149,501,332

Notes: (a) Column (8) of Summary, Exhibit 1, Sheets 1a-1d.
(b) Column (15) of Summary, Exhibit 1, Sheets 1a-1d.

STATE OF ALASKA

RESERVE ANALYSIS AS OF JUNE 30, 2023

SUMMARY OF OUTSTANDING LIABILITIES AT VARIOUS PROBABILITY LEVELS

Undiscounted Outstanding Liabilities as of June 30, 2023 (a)							
Probability Level	Workers' Comp	General Liability	Automobile Liability	Marine	Aviation	Property	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
95%	\$ 193,729,788	\$ 46,719,925	\$ 1,320,301	\$ 1,627,550	\$ 1,137,777	\$ 6,410,256	\$ 250,945,597
85%	167,056,846	40,287,471	1,138,521	1,403,467	981,126	5,527,684	216,395,115
75%	153,018,455	36,901,970	1,042,847	1,285,529	898,679	5,063,173	198,210,653
Central Estimate	\$ 140,383,904	\$ 33,855,018	\$ 956,740	\$ 1,179,384	\$ 824,476	\$ 4,645,113	\$ 181,844,635

Discounted Outstanding Liabilities as of June 30, 2023 (a)							
Probability Level	Workers' Comp	General Liability	Automobile Liability	Marine	Aviation	Property	Total
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
95%	\$ 155,842,916	\$ 42,296,390	\$ 1,244,512	\$ 1,545,579	\$ 1,059,760	\$ 6,263,432	\$ 208,252,589
85%	134,386,282	36,472,974	1,073,166	1,332,782	913,851	5,401,076	179,580,131
75%	123,093,317	33,408,018	982,984	1,220,784	837,057	4,947,204	164,489,364
Central Estimate	\$ 112,929,649	\$ 30,649,558	\$ 901,820	\$ 1,119,985	\$ 767,942	\$ 4,538,719	\$ 150,907,673

Notes: (a) Central Estimate values are from Exhibit 1, Sheet 1a of each Appendix. Remaining values are based on a simulation model. See text for discussion.

STATE OF ALASKA

RESERVE ANALYSIS AS OF JUNE 30, 2023

SUMMARY OF OUTSTANDING LIABILITIES AT VARIOUS PROBABILITY LEVELS

Undiscounted Outstanding Liabilities as of June 30, 2024 (a)							
Probability Level	Workers' Comp	General Liability	Automobile Liability	Marine	Aviation	Property	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
95%	\$ 191,387,166	\$ 47,608,195	\$ 1,508,379	\$ 1,408,389	\$ 1,108,903	\$ 3,742,767	\$ 246,763,799
85%	165,036,759	41,053,443	1,300,703	1,214,481	956,228	3,227,459	212,789,073
75%	151,168,124	37,603,574	1,191,401	1,112,423	875,873	2,956,244	194,907,639
Central Estimate	\$ 138,686,352	\$ 34,498,692	\$ 1,093,028	\$ 1,020,572	\$ 803,553	\$ 2,712,150	\$ 178,814,347

Discounted Outstanding Liabilities as of June 30, 2024 (a)							
Probability Level	Workers' Comp	General Liability	Automobile Liability	Marine	Aviation	Property	Total
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
95%	\$ 153,836,042	\$ 43,044,402	\$ 1,422,036	\$ 1,336,191	\$ 1,035,602	\$ 3,662,142	\$ 204,336,415
85%	132,655,718	37,117,999	1,226,249	1,152,222	893,019	3,157,934	176,203,141
75%	121,508,178	33,998,840	1,123,202	1,055,397	817,975	2,892,561	161,396,153
Central Estimate	\$ 111,475,393	\$ 31,191,596	\$ 1,030,461	\$ 968,254	\$ 750,436	\$ 2,653,726	\$ 148,069,866

Notes: (a) Central Estimate values are from Exhibit 1, Sheet 1b of each Appendix. Remaining values are based on a simulation model. See text for discussion.

STATE OF ALASKA

RESERVE ANALYSIS AS OF JUNE 30, 2023

**SUMMARY OF OUTSTANDING LIABILITIES
AT VARIOUS PROBABILITY LEVELS**

Undiscounted Outstanding Liabilities as of June 30, 2025 (a)							
Probability Level	Workers' Comp	General Liability	Automobile Liability	Marine	Aviation	Property	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
95%	\$ 190,125,834	\$ 49,441,612	\$ 1,660,268	\$ 1,352,688	\$ 1,083,358	\$ 3,133,974	\$ 246,797,735
85%	163,949,089	42,634,433	1,431,681	1,166,449	934,200	2,702,485	212,818,337
75%	150,171,854	39,051,708	1,311,371	1,068,428	855,696	2,475,386	194,934,443
Central Estimate	\$ 137,772,343	\$ 35,827,255	\$ 1,203,093	\$ 980,209	\$ 785,042	\$ 2,270,996	\$ 178,838,938

Discounted Outstanding Liabilities as of June 30, 2025 (a)							
Probability Level	Workers' Comp	General Liability	Automobile Liability	Marine	Aviation	Property	Total
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
95%	\$ 152,770,328	\$ 44,697,804	\$ 1,565,371	\$ 1,283,746	\$ 1,012,071	\$ 3,065,477	\$ 204,394,797
85%	131,736,732	38,543,758	1,349,849	1,106,999	872,728	2,643,418	176,253,484
75%	120,666,418	35,304,787	1,236,416	1,013,974	799,390	2,421,282	161,442,267
Central Estimate	\$ 110,703,136	\$ 32,389,713	\$ 1,134,327	\$ 930,251	\$ 733,385	\$ 2,221,360	\$ 148,112,172

Notes: (a) Central Estimate values are from Exhibit 1, Sheet 1c of each Appendix. Remaining values are based on a simulation model. See text for discussion.

STATE OF ALASKA

RESERVE ANALYSIS AS OF JUNE 30, 2023

SUMMARY OF OUTSTANDING LIABILITIES AT VARIOUS PROBABILITY LEVELS

Undiscounted Outstanding Liabilities as of June 30, 2026 (a)							
Probability Level	Workers' Comp	General Liability	Automobile Liability	Marine	Aviation	Property	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
95%	\$ 189,584,741	\$ 51,752,679	\$ 1,792,036	\$ 1,377,131	\$ 1,127,533	\$ 3,218,679	\$ 248,852,799
85%	163,482,494	44,627,310	1,545,307	1,187,526	972,293	2,775,527	214,590,457
75%	149,744,470	40,877,116	1,415,449	1,087,734	890,588	2,542,290	196,557,647
Central Estimate	\$ 137,380,247	\$ 37,501,941	\$ 1,298,577	\$ 997,921	\$ 817,053	\$ 2,332,376	\$ 180,328,115

Discounted Outstanding Liabilities as of June 30, 2026 (a)							
Probability Level	Workers' Comp	General Liability	Automobile Liability	Marine	Aviation	Property	Total
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
95%	\$ 152,304,425	\$ 46,805,874	\$ 1,689,643	\$ 1,308,106	\$ 1,056,394	\$ 3,147,396	\$ 206,311,838
85%	131,334,975	40,361,587	1,457,011	1,128,005	910,949	2,714,059	177,906,586
75%	120,298,422	36,969,857	1,334,573	1,033,214	834,398	2,485,987	162,956,451
Central Estimate	\$ 110,365,525	\$ 33,917,300	\$ 1,224,379	\$ 947,903	\$ 765,503	\$ 2,280,722	\$ 149,501,332

Notes: (a) Central Estimate values are from Exhibit 1, Sheet 1d of each Appendix. Remaining values are based on a simulation model. See text for discussion.

STATE OF ALASKA

RESERVE ANALYSIS AS OF JUNE 30, 2023

SUMMARY OF FUTURE FUNDING REQUIREMENTS AT VARIOUS PROBABILITY LEVELS

<u>Undiscounted Recommended Funding Requirements for Period 7/1/23 - 6/30/24</u>							
Probability Level	Workers' Comp	General Liability	Automobile Liability	Marine	Aviation	Property	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
95% (c)	\$ 27,418,710	\$ 10,781,652	\$ 681,524	\$ 765,711	\$ 558,480	\$ 2,874,178	\$ 43,080,256
85% (c)	25,152,701	9,890,606	625,200	702,429	512,325	2,636,643	39,519,904
75% (c)	24,246,297	9,534,188	602,670	677,116	493,863	2,541,629	38,095,763
Central Estimate (a)	\$ 22,660,091	\$ 8,910,456	\$ 563,243	\$ 632,819	\$ 461,554	\$ 2,375,354	\$ 35,603,517

<u>Discounted Recommended Funding Requirements for Period 7/1/23 - 6/30/24</u>							
Probability Level	Workers' Comp	General Liability	Automobile Liability	Marine	Aviation	Property	Total
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
95% (c)	\$ 23,577,349	\$ 9,412,382	\$ 628,365	\$ 726,123	\$ 527,596	\$ 2,762,373	\$ 37,634,188
85% (c)	21,628,807	8,634,499	576,434	666,113	483,993	2,534,078	34,523,924
75% (c)	20,849,391	8,323,346	555,662	642,109	466,552	2,442,760	33,279,820
Central Estimate (b)	\$ 19,485,412	\$ 7,778,828	\$ 519,310	\$ 600,102	\$ 436,030	\$ 2,282,953	\$ 31,102,635

- Notes: (a) Central Estimate values are from Exhibit 2, Sheet 1 of each Appendix.
 (b) Central Estimate values equal (a) multiplied by Period 1 discount factor shown in Exhibit 9 of each Appendix.
 (c) Values at higher probability levels are based on a simulation model. See text for discussion.

Funding Requirements are at the following retentions:

WC, GL, AL, Property - Unlimited

Marine - \$400,000 per occurrence Hull & Machinery, \$500,000 per occurrence Protection & Indemnity

Aviation - \$250,000 per occurrence

STATE OF ALASKA

RESERVE ANALYSIS AS OF JUNE 30, 2023

SUMMARY OF FUTURE FUNDING REQUIREMENTS AT VARIOUS PROBABILITY LEVELS

<u>Undiscounted Recommended Funding Requirements for Period 7/1/24 - 6/30/25</u>							
<u>Probability Level</u>	<u>Workers' Comp</u>	<u>General Liability</u>	<u>Automobile Liability</u>	<u>Marine</u>	<u>Aviation</u>	<u>Property</u>	<u>Total</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
95% (c)	\$ 28,268,686	\$ 11,358,438	\$ 719,010	\$ 828,168	\$ 601,089	\$ 3,111,603	\$ 44,886,994
85% (c)	25,932,431	10,419,724	659,588	759,724	551,412	2,854,446	41,177,325
75% (c)	24,997,929	10,044,239	635,819	732,347	531,542	2,751,583	39,693,459
Central Estimate (a)	\$ 23,362,550	\$ 9,387,139	\$ 594,223	\$ 684,436	\$ 496,768	\$ 2,571,573	\$ 37,096,689

<u>Discounted Recommended Funding Requirements for Period 7/1/24 - 6/30/25</u>							
<u>Probability Level</u>	<u>Workers' Comp</u>	<u>General Liability</u>	<u>Automobile Liability</u>	<u>Marine</u>	<u>Aviation</u>	<u>Property</u>	<u>Total</u>
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
95% (c)	\$ 24,308,243	\$ 9,915,916	\$ 662,928	\$ 785,352	\$ 567,849	\$ 2,990,562	\$ 39,230,850
85% (c)	22,299,297	9,096,419	608,140	720,447	520,920	2,743,408	35,988,631
75% (c)	21,495,719	8,768,620	586,225	694,485	502,148	2,644,547	34,691,744
Central Estimate (b)	\$ 20,089,457	\$ 8,194,972	\$ 547,874	\$ 649,051	\$ 469,297	\$ 2,471,539	\$ 32,422,190

- Notes: (a) Central Estimate values are from Exhibit 2, Sheet 1 of each Appendix.
 (b) Central Estimate values equal (a) multiplied by Period 1 discount factor shown in Exhibit 9 of each Appendix.
 (c) Values at higher probability levels are based on a simulation model. See text for discussion.

Funding Requirements are at the following retentions:

WC, GL, AL, Property - Unlimited

Marine - \$400,000 per occurrence Hull & Machinery, \$500,000 per occurrence Protection & Indemnity

Aviation - \$250,000 per occurrence

STATE OF ALASKA

RESERVE ANALYSIS AS OF JUNE 30, 2023

SUMMARY OF FUTURE FUNDING REQUIREMENTS AT VARIOUS PROBABILITY LEVELS

<u>Undiscounted Recommended Funding Requirements for Period 7/1/25 - 6/30/26</u>							
Probability Level	Workers' Comp	General Liability	Automobile Liability	Marine	Aviation	Property	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
95% (c)	\$ 29,145,020	\$ 11,962,601	\$ 758,550	\$ 895,703	\$ 646,934	\$ 3,368,589	\$ 46,777,396
85% (c)	26,736,340	10,973,956	695,860	821,678	593,468	3,090,193	42,911,495
75% (c)	25,772,869	10,578,498	670,784	792,068	572,082	2,978,835	41,365,136
Central Estimate (a)	\$ 24,086,793	\$ 9,886,447	\$ 626,901	\$ 740,250	\$ 534,656	\$ 2,783,958	\$ 38,659,005

<u>Discounted Recommended Funding Requirements for Period 7/1/25 - 6/30/26</u>							
Probability Level	Workers' Comp	General Liability	Automobile Liability	Marine	Aviation	Property	Total
(1)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
95% (c)	\$ 25,061,802	\$ 10,443,350	\$ 699,384	\$ 849,395	\$ 611,159	\$ 3,237,551	\$ 40,902,641
85% (c)	22,990,579	9,580,263	641,583	779,197	560,650	2,969,985	37,522,257
75% (c)	22,162,089	9,235,029	618,463	751,118	540,446	2,862,958	36,170,103
Central Estimate (b)	\$ 20,712,233	\$ 8,630,868	\$ 578,003	\$ 701,979	\$ 505,090	\$ 2,675,662	\$ 33,803,835

- Notes: (a) Central Estimate values are from Exhibit 2, Sheet 1 of each Appendix.
 (b) Central Estimate values equal (a) multiplied by Period 1 discount factor shown in Exhibit 9 of each Appendix.
 (c) Values at higher probability levels are based on a simulation model. See text for discussion.

Funding Requirements are at the following retentions:

WC, GL, AL, Property - Unlimited

Marine - \$400,000 per occurrence Hull & Machinery, \$500,000 per occurrence Protection & Indemnity

Aviation - \$250,000 per occurrence

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2023

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ 5,207,978	0.9853	\$ 5,131,421
7/1/93-6/30/94	80,722	0.9853	79,535
7/1/94-6/30/95	1,888,384	0.9853	1,860,625
7/1/95-6/30/96	772,991	0.9697	749,569
7/1/96-6/30/97	502,247	0.9538	479,043
7/1/97-6/30/98	497,196	0.9375	466,121
7/1/98-6/30/99	1,337,729	0.9194	1,229,908
7/1/99-6/30/00	2,091,504	0.9017	1,885,909
7/1/00-6/30/01	2,119,137	0.8839	1,873,105
7/1/01-6/30/02	2,664,172	0.8658	2,306,640
7/1/02-6/30/03	1,829,054	0.8488	1,552,501
7/1/03-6/30/04	3,061,872	0.8294	2,539,517
7/1/04-6/30/05	1,882,986	0.8110	1,527,102
7/1/05-6/30/06	1,541,169	0.7974	1,228,928
7/1/06-6/30/07	4,274,493	0.7917	3,384,116
7/1/07-6/30/08	2,615,972	0.7935	2,075,774
7/1/08-6/30/09	3,120,289	0.7925	2,472,829
7/1/09-6/30/10	8,245,266	0.7883	6,499,743
7/1/10-6/30/11	5,090,299	0.7867	4,004,538
7/1/11-6/30/12	2,995,204	0.7822	2,342,849
7/1/12-6/30/13	4,544,527	0.7789	3,539,732
7/1/13-6/30/14	5,301,542	0.7714	4,089,609
7/1/14-6/30/15	5,326,927	0.7676	4,088,949
7/1/15-6/30/16	7,033,954	0.7645	5,377,458
7/1/16-6/30/17	4,662,682	0.7628	3,556,694
7/1/17-6/30/18	5,629,150	0.7604	4,280,406
7/1/18-6/30/19	5,696,914	0.7561	4,307,437
7/1/19-6/30/20	9,761,300	0.7602	7,420,540
7/1/20-6/30/21	10,292,897	0.7674	7,898,769
7/1/21-6/30/22	12,009,983	0.7797	9,364,184
7/1/22-6/30/23	18,305,364	0.8367	15,316,098
Total	\$ 140,383,904		\$ 112,929,649

Notes: (a) See Sheet 2.
(b) See Exhibit 9.

STATE OF ALASKA

**WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023**

**DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE
AS OF JUNE 30, 2024**

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ 4,687,180	0.9853	\$ 4,618,279
7/1/93-6/30/94	72,650	0.9853	71,582
7/1/94-6/30/95	1,699,545	0.9853	1,674,562
7/1/95-6/30/96	421,631	0.9853	415,433
7/1/96-6/30/97	360,308	0.9697	349,391
7/1/97-6/30/98	401,246	0.9538	382,708
7/1/98-6/30/99	1,173,085	0.9375	1,099,767
7/1/99-6/30/00	1,888,164	0.9194	1,735,978
7/1/00-6/30/01	1,956,127	0.9017	1,763,840
7/1/01-6/30/02	2,503,680	0.8839	2,213,003
7/1/02-6/30/03	1,725,130	0.8658	1,493,618
7/1/03-6/30/04	2,960,932	0.8488	2,513,239
7/1/04-6/30/05	1,822,891	0.8294	1,511,906
7/1/05-6/30/06	1,463,333	0.8110	1,186,763
7/1/06-6/30/07	3,918,285	0.7974	3,124,440
7/1/07-6/30/08	2,315,778	0.7917	1,833,401
7/1/08-6/30/09	2,799,083	0.7935	2,221,072
7/1/09-6/30/10	7,525,880	0.7925	5,964,260
7/1/10-6/30/11	4,596,694	0.7883	3,623,574
7/1/11-6/30/12	2,745,604	0.7867	2,159,967
7/1/12-6/30/13	4,152,360	0.7822	3,247,976
7/1/13-6/30/14	4,949,781	0.7789	3,855,384
7/1/14-6/30/15	4,908,217	0.7714	3,786,199
7/1/15-6/30/16	6,468,978	0.7676	4,965,588
7/1/16-6/30/17	4,268,412	0.7645	3,263,201
7/1/17-6/30/18	5,172,732	0.7628	3,945,760
7/1/18-6/30/19	5,286,165	0.7604	4,019,600
7/1/19-6/30/20	8,746,783	0.7561	6,613,443
7/1/20-6/30/21	9,069,978	0.7602	6,894,997
7/1/21-6/30/22	10,279,731	0.7674	7,888,666
7/1/22-6/30/23	11,917,423	0.7797	9,292,015
7/1/23-6/30/24	16,428,566	0.8367	13,745,781
Total	\$ 138,686,352		\$ 111,475,393

Notes: (a) See Exhibit 10, Sheet 1.
(b) See Exhibit 9.

STATE OF ALASKA

**WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023**

**DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE
AS OF JUNE 30, 2025**

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ 4,166,382	0.9853	\$ 4,105,137
7/1/93-6/30/94	64,578	0.9853	63,629
7/1/94-6/30/95	1,510,707	0.9853	1,488,500
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	196,532	0.9853	193,643
7/1/97-6/30/98	287,850	0.9697	279,128
7/1/98-6/30/99	946,700	0.9538	902,962
7/1/99-6/30/00	1,655,775	0.9375	1,552,289
7/1/00-6/30/01	1,765,948	0.9194	1,623,613
7/1/01-6/30/02	2,311,089	0.9017	2,083,909
7/1/02-6/30/03	1,621,206	0.8839	1,432,984
7/1/03-6/30/04	2,792,697	0.8658	2,417,917
7/1/04-6/30/05	1,762,796	0.8488	1,496,261
7/1/05-6/30/06	1,416,631	0.8294	1,174,954
7/1/06-6/30/07	3,720,392	0.8110	3,017,238
7/1/07-6/30/08	2,122,796	0.7974	1,692,718
7/1/08-6/30/09	2,477,877	0.7917	1,961,735
7/1/09-6/30/10	6,751,157	0.7935	5,357,043
7/1/10-6/30/11	4,195,640	0.7925	3,325,045
7/1/11-6/30/12	2,479,364	0.7883	1,954,483
7/1/12-6/30/13	3,806,330	0.7867	2,994,440
7/1/13-6/30/14	4,522,643	0.7822	3,537,611
7/1/14-6/30/15	4,582,553	0.7789	3,569,351
7/1/15-6/30/16	5,960,499	0.7714	4,597,929
7/1/16-6/30/17	3,925,568	0.7676	3,013,266
7/1/17-6/30/18	4,735,332	0.7645	3,620,161
7/1/18-6/30/19	4,857,557	0.7628	3,705,344
7/1/19-6/30/20	8,116,137	0.7604	6,171,511
7/1/20-6/30/21	8,127,312	0.7561	6,145,061
7/1/21-6/30/22	9,058,377	0.7602	6,886,178
7/1/22-6/30/23	10,200,506	0.7674	7,827,868
7/1/23-6/30/24	10,695,563	0.7797	8,339,330
7/1/24-6/30/25	16,937,849	0.8367	14,171,898
Total	\$ 137,772,343		\$ 110,703,136

Notes: (a) See Exhibit 10, Sheet 2.
(b) See Exhibit 9.

STATE OF ALASKA

**WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023**

**DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE
AS OF JUNE 30, 2026**

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ 3,645,584	0.9853	\$ 3,591,994
7/1/93-6/30/94	56,506	0.9853	55,675
7/1/94-6/30/95	1,321,869	0.9853	1,302,438
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	1	0.9853	1
7/1/97-6/30/98	157,009	0.9853	154,701
7/1/98-6/30/99	679,154	0.9697	658,576
7/1/99-6/30/00	1,336,240	0.9538	1,274,506
7/1/00-6/30/01	1,548,601	0.9375	1,451,813
7/1/01-6/30/02	2,086,400	0.9194	1,918,236
7/1/02-6/30/03	1,496,498	0.9017	1,349,392
7/1/03-6/30/04	2,624,462	0.8839	2,319,762
7/1/04-6/30/05	1,662,637	0.8658	1,439,511
7/1/05-6/30/06	1,369,929	0.8488	1,162,796
7/1/06-6/30/07	3,601,656	0.8294	2,987,213
7/1/07-6/30/08	2,015,584	0.8110	1,634,639
7/1/08-6/30/09	2,271,387	0.7974	1,811,204
7/1/09-6/30/10	5,976,434	0.7917	4,731,543
7/1/10-6/30/11	3,763,736	0.7935	2,986,525
7/1/11-6/30/12	2,263,044	0.7925	1,793,462
7/1/12-6/30/13	3,437,231	0.7883	2,709,569
7/1/13-6/30/14	4,145,756	0.7867	3,261,466
7/1/14-6/30/15	4,187,104	0.7822	3,275,153
7/1/15-6/30/16	5,565,016	0.7789	4,334,591
7/1/16-6/30/17	3,617,008	0.7714	2,790,160
7/1/17-6/30/18	4,354,984	0.7676	3,342,886
7/1/18-6/30/19	4,446,808	0.7645	3,399,585
7/1/19-6/30/20	7,458,072	0.7628	5,689,017
7/1/20-6/30/21	7,541,330	0.7604	5,734,427
7/1/21-6/30/22	8,116,916	0.7561	6,137,200
7/1/22-6/30/23	8,988,565	0.7602	6,833,107
7/1/23-6/30/24	9,154,677	0.7674	7,025,299
7/1/24-6/30/25	11,027,124	0.7797	8,597,849
7/1/25-6/30/26	17,462,925	0.8367	14,611,229
Total	\$ 137,380,247		\$ 110,365,525

Notes: (a) See Exhibit 10, Sheet 3.
(b) See Exhibit 9.

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF UNDISCOUNTED RESERVES FOR LOSSES AND ALAE

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Reported Losses and ALAE (b)	Paid Losses and ALAE (b)	Case Reserves for Losses and ALAE [(3) - (4)]	IBNR Reserves for Losses and ALAE [(2) - (3)]	Total Reserves for Losses and ALAE [(5) + (6)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 93,388,715	\$ 92,520,719	\$ 88,180,737	\$ 4,339,982	\$ 867,996	\$ 5,207,978
7/1/93-6/30/94	8,100,000	8,040,755	8,019,278	21,477	59,245	80,722
7/1/94-6/30/95	15,900,000	15,837,272	14,011,617	1,825,656	62,728	1,888,384
7/1/95-6/30/96	12,560,000	12,498,241	11,787,010	711,232	61,759	772,991
7/1/96-6/30/97	12,400,000	12,308,506	11,897,753	410,753	91,494	502,247
7/1/97-6/30/98	10,600,000	10,510,225	10,102,804	407,421	89,775	497,196
7/1/98-6/30/99	14,500,000	14,410,338	13,162,272	1,248,067	89,662	1,337,729
7/1/99-6/30/00	17,750,000	17,687,130	15,658,495	2,028,634	62,870	2,091,504
7/1/00-6/30/01	20,650,000	20,512,131	18,530,862	1,981,268	137,869	2,119,137
7/1/01-6/30/02	22,000,000	21,568,393	19,335,828	2,232,565	431,607	2,664,172
7/1/02-6/30/03	20,200,000	19,894,279	18,370,946	1,523,333	305,721	1,829,054
7/1/03-6/30/04	23,900,000	23,531,138	20,838,128	2,693,010	368,862	3,061,872
7/1/04-6/30/05	21,750,000	21,094,693	19,867,014	1,227,679	655,307	1,882,986
7/1/05-6/30/06	19,500,000	18,679,842	17,958,830	721,011	820,158	1,541,169
7/1/06-6/30/07	24,750,000	24,251,848	20,475,507	3,776,341	498,152	4,274,493
7/1/07-6/30/08	19,400,000	18,587,700	16,784,028	1,803,672	812,300	2,615,972
7/1/08-6/30/09	21,750,000	20,745,350	18,629,711	2,115,639	1,004,650	3,120,289
7/1/09-6/30/10	30,500,000	29,162,302	22,254,735	6,907,568	1,337,698	8,245,266
7/1/10-6/30/11	30,000,000	28,547,699	24,909,701	3,637,998	1,452,301	5,090,299
7/1/11-6/30/12	24,250,000	21,740,434	21,254,795	485,638	2,509,566	2,995,204
7/1/12-6/30/13	27,500,000	25,788,129	22,955,473	2,832,656	1,711,871	4,544,527
7/1/13-6/30/14	25,000,000	23,511,447	19,698,458	3,812,989	1,488,553	5,301,542
7/1/14-6/30/15	25,000,000	22,423,685	19,673,073	2,750,612	2,576,315	5,326,927
7/1/15-6/30/16	22,500,000	20,097,574	15,466,046	4,631,528	2,402,426	7,033,954
7/1/16-6/30/17	18,500,000	15,312,195	13,837,318	1,474,877	3,187,805	4,662,682
7/1/17-6/30/18	16,000,000	10,924,393	10,370,850	553,543	5,075,607	5,629,150
7/1/18-6/30/19	15,500,000	10,655,884	9,803,086	852,798	4,844,116	5,696,914
7/1/19-6/30/20	19,000,000	10,861,872	9,238,700	1,623,172	8,138,128	9,761,300
7/1/20-6/30/21	18,000,000	9,216,317	7,707,104	1,509,214	8,783,683	10,292,897
7/1/21-6/30/22	18,000,000	8,829,832	5,990,017	2,839,815	9,170,168	12,009,983
7/1/22-6/30/23	22,000,000	16,343,834	3,694,636	12,649,198	5,656,166	18,305,364
Total	\$ 690,848,715	\$ 626,094,155	\$ 550,464,811	\$ 75,629,346	\$ 64,754,558	\$ 140,383,904

Notes: (a) See Exhibit 3.

(b) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM AS OF JUNE 30, 2023

RECONCILIATION OF RESERVE BALANCE

(1) Reserve Balance (Undiscounted) as of June 30, 2022 (a)	\$ 139,368,696
(2) Reserve as of June 30, 2023 for accidents that occurred between July 1, 2022 and June 30, 2023 (b)	18,305,364
(3) Change in Case Reserves on accidents that occurred prior to July 1, 2022 (c)	(12,859,773)
(4) Change in IBNR (d)	(4,430,382)
(5) Reserve Balance (Undiscounted) as of June 30, 2023 [(1) + (2) + (3) + (4)]	\$ 140,383,904
(6) Payments between July 1, 2022 and June 30, 2023 on accidents that occurred prior to July 1, 2022 (c)	\$ 10,898,682
(7) Change in Actuarial Estimates [(3) + (4) + (6)]	\$ (6,391,474)

- Notes: (a) See June 30, 2022 actuarial report.
 (b) See Sheet 2 for period 7/1/22-6/30/23.
 (c) Based on data provided by the State.
 (d) Balancing item. Reflects changes in IBNR for accidents prior to 7/1/22.

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM

DEVELOPMENT OF FUTURE FUNDING AMOUNTS AS OF JUNE 30, 2023

UNLIMITED RETENTION

Fiscal Year	Selected Loss Cost at 7/1/23 Level (a)	Trend Factor (b)	Adjusted Loss Cost [(2) × (3)]	Projected FTE (c)	Expected Unlimited Funding Amount [(4) × (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/23-6/30/24	\$ 1,250.00	1.031	\$ 1,288.75	17,583	\$ 22,660,091
7/1/24-6/30/25	1,250.00	1.063	1,328.70	17,583	23,362,550
7/1/25-6/30/26	1,250.00	1.096	1,369.89	17,583	24,086,793

AT \$1,000,000 RETENTION

Fiscal Year	Expected Unlimited Funding Amount (d)	Retention Factor (e)	Expected Funding Amount at Retained Limits [(8) × (9)]
(7)	(8)	(9)	(10)
7/1/23-6/30/24	\$ 22,660,091	0.870	\$ 19,714,279
7/1/24-6/30/25	23,362,550	0.870	20,325,419
7/1/25-6/30/26	24,086,793	0.870	20,955,510

- Notes: (a) See Sheet 2.
 (b) Based on an assumed loss trend of 3.1%.
 (c) 2023-2024 provided by the State. Subsequent years assume a trend of 0.0% per annum.
 (d) Column (6) above.
 (e) Based on NCCI excess loss factors for Alaska and judgment.

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF UNLIMITED PROJECTED LOSS RATES

Fiscal Year	Selected Ultimate Losses and ALAE (a)	FTE (b)	Factor to Adjust to Current Level		Indicated Loss Rate (e)
			Trend (c)	Benefit (d)	
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 20,200,000	16,960	1.842	1.069	\$ 2,345.27
7/1/03-6/30/04	23,900,000	14,579	1.787	1.057	3,096.49
7/1/04-6/30/05	21,750,000	15,398	1.733	1.036	2,536.02
7/1/05-6/30/06	19,500,000	15,397	1.681	1.020	2,171.53
7/1/06-6/30/07	24,750,000	15,773	1.630	1.019	2,606.29
7/1/07-6/30/08	19,400,000	16,050	1.581	1.008	1,926.28
7/1/08-6/30/09	21,750,000	15,977	1.533	1.001	2,089.01
7/1/09-6/30/10	30,500,000	16,386	1.487	0.986	2,729.07
7/1/10-6/30/11	30,000,000	16,721	1.442	0.975	2,522.49
7/1/11-6/30/12	24,250,000	16,951	1.399	0.965	1,931.35
7/1/12-6/30/13	27,500,000	17,025	1.357	0.964	2,113.01
7/1/13-6/30/14	25,000,000	16,848	1.316	0.963	1,880.50
7/1/14-6/30/15	25,000,000	16,959	1.276	0.963	1,811.41
7/1/15-6/30/16	22,500,000	17,272	1.238	0.981	1,582.08
7/1/16-6/30/17	18,500,000	17,242	1.201	0.992	1,278.32
7/1/17-6/30/18	16,000,000	16,625	1.165	0.994	1,114.48
7/1/18-6/30/19	15,500,000	16,744	1.130	0.998	1,043.95
7/1/19-6/30/20	19,000,000	16,451	1.096	1.014	1,283.54
7/1/20-6/30/21	18,000,000	16,919	1.063	1.028	1,162.58
7/1/21-6/30/22	18,000,000	16,748	1.031	1.028	1,139.10
7/1/22-6/30/23	22,000,000	16,961	1.000	1.015	1,316.55
Total/Wght Avg	\$ 463,000,000	345,986			\$ 1,874.02
(7) Straight average all					\$ 1,889.49
(8) Straight average last 5					1,189.14
(9) Straight average last 3					1,206.08
(10) Exposure weighted-average all					1,874.02
(11) Exposure weighted-average last 5					1,189.09
(12) Exposure weighted-average last 3					1,206.40
(13) Selected Current Level Loss Cost					\$ 1,250.00

- Notes: (a) See Exhibit 3.
 (b) Provided by the State.
 (c) Based on a loss trend of 3.1% per annum.
 (d) Based on industry benefit level changes in Alaska.
 (e) [(2) × (4) × (5) ÷ (3)]

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023

SELECTED ULTIMATE LOSSES AND ALAE

Fiscal Year	Projected Ultimate Losses and ALAE based on data through June 30, 2023					Paid Losses and ALAE (e)	Reported Losses and ALAE (e)	Prior Selected (f)	Selected
	Reported Method (a)	Paid Method (a)	Unreported Method (b)	Unpaid Method (c)	Expected Method (d)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Prior						\$ 88,180,737	\$ 92,520,719	\$ 93,250,189	\$ 93,388,715 (g)
7/1/93-6/30/94	\$ 8,040,755	\$ 8,019,278				8,019,278	8,040,755	8,130,000	8,100,000
7/1/94-6/30/95	15,837,272	15,232,464				14,011,617	15,837,272	16,000,000	15,900,000
7/1/95-6/30/96	12,498,241	12,187,768				11,787,010	12,498,241	12,560,000	12,560,000
7/1/96-6/30/97	12,357,740	12,468,845				11,897,753	12,308,506	12,500,000	12,400,000
7/1/97-6/30/98	10,594,306	10,708,972				10,102,804	10,510,225	10,600,000	10,600,000
7/1/98-6/30/99	14,583,262	14,083,631				13,162,272	14,410,338	14,600,000	14,500,000
7/1/99-6/30/00	17,910,398	17,434,262				15,658,495	17,687,130	17,750,000	17,750,000
7/1/00-6/30/01	20,880,761	20,656,733				18,530,862	20,512,131	20,800,000	20,650,000
7/1/01-6/30/02	21,960,597	22,457,612				19,335,828	21,568,393	21,200,000	22,000,000
7/1/02-6/30/03	20,341,279	20,782,588	\$ 20,312,944	\$ 19,906,052	\$ 17,444,383	18,370,946	19,894,279	20,300,000	20,200,000
7/1/03-6/30/04	24,127,308	23,934,778				20,838,128	23,531,138	23,900,000	23,900,000
7/1/04-6/30/05	21,656,105	22,891,842				19,867,014	21,094,693	22,000,000	21,750,000
7/1/05-6/30/06	19,277,596	19,934,301				17,958,830	18,679,842	19,500,000	19,500,000
7/1/06-6/30/07	25,124,562	23,904,457				18,333,529	24,251,848	24,500,000	24,750,000
7/1/07-6/30/08	19,386,972	19,117,008				16,784,028	18,587,700	19,400,000	19,400,000
7/1/08-6/30/09	21,583,769	22,574,010				18,629,711	20,745,350	21,750,000	21,750,000
7/1/09-6/30/10	30,351,731	30,845,407				20,877,638	22,254,735	29,162,302	30,500,000
7/1/10-6/30/11	29,723,784	32,692,844				21,969,308	24,909,701	28,547,699	30,000,000
7/1/11-6/30/12	23,023,119	25,930,850				22,956,041	21,254,795	21,740,434	24,250,000
7/1/12-6/30/13	27,464,357	28,579,564				23,769,862	22,955,473	25,788,129	27,500,000
7/1/13-6/30/14	25,368,851	24,977,645				24,255,590	19,698,458	23,511,447	25,000,000
7/1/14-6/30/15	24,557,680	26,356,965				25,180,767	19,673,073	22,423,685	25,000,000
7/1/15-6/30/16	22,042,413	23,409,289				26,432,690	15,466,046	20,097,574	22,500,000
7/1/16-6/30/17	17,899,955	18,998,637				27,199,694	13,837,318	15,312,195	17,500,000
7/1/17-6/30/18	13,284,062	14,736,978				18,373,740	10,370,850	10,924,393	16,000,000
7/1/18-6/30/19	13,511,661	14,400,734				18,758,607	28,073,732	9,803,086	10,655,884
7/1/19-6/30/20	14,413,703	14,347,701				17,857,653	28,438,136	9,238,700	10,861,872
7/1/20-6/30/21	12,764,600	12,940,227				19,889,765	30,155,102	7,707,104	9,216,317
7/1/21-6/30/22	13,500,814	11,339,102				20,516,674	30,776,815	5,990,017	8,829,832
7/1/22-6/30/23	26,627,674	17,001,188				26,992,110	32,134,447	3,694,636	16,343,834
Total						\$ 550,464,811	\$ 626,094,155	\$ 696,546,189	\$ 690,848,715
Subtotal 93-23	\$ 580,695,327	\$ 582,945,680				\$ 462,284,074	\$ 533,573,437	\$ 603,296,000	\$ 597,460,000
Subtotal 02-23	\$ 446,031,995	\$ 449,696,115	\$ 472,922,419	\$ 470,536,188	\$ 493,658,256	\$ 339,778,156	\$ 400,200,446	\$ 469,156,000	\$ 463,000,000

- Notes: (a) See Exhibit 4, Sheet 1.
(b) See Exhibit 5.
(c) See Exhibit 6.
(d) See Exhibit 7.
(e) Provided by the State. Losses are net of excess insurance.
(f) From June 30, 2022 actuarial report.
(g) Based on judgment.

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE
REPORTED / PAID DEVELOPMENT METHODS

Fiscal Year	Reported Losses and ALAE (a)	Reported Large Loss and ALAE (a)	Development Factor to Ultimate (b)	Projected Ultimate Losses and ALAE (c)	Paid Losses and ALAE (a)	Paid Large Loss and ALAE (a)	Development Factor to Ultimate (d)	Projected Ultimate Losses and ALAE (e)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
7/1/93-6/30/94	\$ 8,040,755	\$ -	1.000	\$ 8,040,755	\$ 8,019,278	\$ -	1.000	\$ 8,019,278
7/1/94-6/30/95	15,837,272	2,520,201	1.000	15,837,272	14,011,617	1,524,128	1.018	15,232,464
7/1/95-6/30/96	12,498,241	-	1.000	12,498,241	11,787,010	-	1.034	12,187,768
7/1/96-6/30/97	12,308,506	-	1.004	12,357,740	11,897,753	-	1.048	12,468,845
7/1/97-6/30/98	10,510,225	-	1.008	10,594,306	10,102,804	-	1.060	10,708,972
7/1/98-6/30/99	14,410,338	-	1.012	14,583,262	13,162,272	-	1.070	14,083,631
7/1/99-6/30/00	17,687,130	3,732,875	1.016	17,910,398	15,658,495	2,948,489	1.078	17,434,262
7/1/00-6/30/01	20,512,131	2,080,617	1.020	20,880,761	18,530,862	1,410,018	1.085	20,656,733
7/1/01-6/30/02	21,568,393	4,516,043	1.023	21,960,597	19,335,828	2,890,760	1.091	22,457,612
7/1/02-6/30/03	19,894,279	2,014,289	1.025	20,341,279	18,370,946	1,246,586	1.096	20,782,588
7/1/03-6/30/04	23,531,138	2,239,357	1.028	24,127,308	20,838,128	1,115,018	1.100	23,934,778
7/1/04-6/30/05	21,094,693	2,380,932	1.030	21,656,105	19,867,014	1,288,291	1.104	22,891,842
7/1/05-6/30/06	18,679,842	-	1.032	19,277,596	17,958,830	-	1.110	19,934,301
7/1/06-6/30/07	24,251,848	3,472,932	1.042	25,124,562	20,475,507	2,249,348	1.121	23,904,457
7/1/07-6/30/08	18,587,700	-	1.043	19,386,972	16,784,028	-	1.139	19,117,008
7/1/08-6/30/09	20,745,350	2,518,864	1.046	21,583,769	18,629,711	1,295,964	1.157	22,574,010
7/1/09-6/30/10	29,162,302	7,135,839	1.054	30,351,731	22,254,735	2,076,379	1.175	30,845,407
7/1/10-6/30/11	28,547,699	6,768,357	1.054	29,723,784	24,909,701	3,251,818	1.197	32,692,844
7/1/11-6/30/12	21,740,434	-	1.059	23,023,119	21,254,795	-	1.220	25,930,850
7/1/12-6/30/13	25,788,129	-	1.065	27,464,357	22,955,473	-	1.245	28,579,564
7/1/13-6/30/14	23,511,447	-	1.079	25,368,851	19,698,458	-	1.268	24,977,645
7/1/14-6/30/15	22,423,685	2,099,923	1.105	24,557,680	19,673,073	970,650	1.297	26,356,965
7/1/15-6/30/16	20,097,574	5,474,724	1.133	22,042,413	15,466,046	1,991,542	1.331	23,409,289
7/1/16-6/30/17	15,312,195	-	1.169	17,899,955	13,837,318	-	1.373	18,998,637
7/1/17-6/30/18	10,924,393	-	1.216	13,284,062	10,370,850	-	1.421	14,736,978
7/1/18-6/30/19	10,655,884	-	1.268	13,511,661	9,803,086	-	1.469	14,400,734
7/1/19-6/30/20	10,861,872	-	1.327	14,413,703	9,238,700	-	1.553	14,347,701
7/1/20-6/30/21	9,216,317	-	1.385	12,764,600	7,707,104	-	1.679	12,940,227
7/1/21-6/30/22	8,829,832	-	1.529	13,500,814	5,990,017	-	1.893	11,339,102
7/1/22-6/30/23	16,343,834	5,415,203	1.941	26,627,674	3,694,636	507,295	3.635	17,001,188
Total	\$ 533,573,437	\$ 52,370,156		\$ 580,695,327	\$ 462,284,074	\$ 24,766,284		\$ 582,945,680

- Notes: (a) Provided by the State. Losses are net of excess insurance.
(b) See Sheets 2 and 3.
(c) $\{(2) - (3)\} \times (4) + (3)$.
(d) See Sheets 4 and 5.
(e) $\{(6) - (7)\} \times (8) + (3)$.

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023

LIMITED REPORTED LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94	5,250	6,756	7,152	7,643	7,564	7,544	7,589	7,301	7,707	7,906	7,683	7,655	7,680	7,707	7,663
7/1/94-6/30/95	6,934	9,295	9,612	9,538	10,831	12,311	12,165	12,638	12,816	12,944	13,084	13,690	13,820	13,793	13,835
7/1/95-6/30/96	6,081	7,455	7,563	8,214	8,209	9,744	10,341	10,457	10,667	10,766	11,090	11,682	10,766	11,050	11,023
7/1/96-6/30/97	5,870	7,173	8,028	8,061	8,367	8,776	9,480	9,700	9,648	10,033	10,124	10,218	10,772	11,200	11,449
7/1/97-6/30/98	4,650	5,727	6,428	6,973	7,302	7,349	7,560	7,794	8,096	8,299	8,318	8,592	8,868	8,945	9,199
7/1/98-6/30/99	4,066	5,683	7,121	7,574	8,293	8,566	9,493	9,530	9,561	9,862	10,117	10,431	10,770	11,469	11,982
7/1/99-6/30/00	6,511	8,170	9,646	10,400	10,761	11,066	11,701	11,673	11,978	12,415	13,459	14,089	14,413	14,494	16,577
7/1/00-6/30/01	5,597	10,518	12,522	13,575	13,644	14,211	14,637	15,194	16,616	16,903	17,376	17,437	18,670	18,903	19,201
7/1/01-6/30/02	8,290	10,906	12,333	12,885	13,527	14,209	14,535	15,199	16,037	16,429	17,078	17,170	19,037	19,679	20,268
7/1/02-6/30/03	7,573	10,859	11,474	12,895	13,172	13,579	14,917	15,303	15,822	16,346	16,794	20,280	19,414	19,387	19,539
7/1/03-6/30/04	8,974	11,215	13,530	14,901	15,439	16,146	17,573	18,696	19,346	20,300	20,517	20,919	20,324	20,417	22,497
7/1/04-6/30/05	8,105	11,398	13,772	14,334	15,615	16,502	17,070	18,607	18,580	21,553	21,609	22,093	22,205	22,299	20,868
7/1/05-6/30/06	6,831	10,232	11,614	12,828	14,165	14,953	15,708	16,901	17,055	17,494	17,413	19,516	20,432	20,379	20,255
7/1/06-6/30/07	9,106	11,884	14,159	16,292	16,474	16,996	17,397	19,649	20,101	20,804	22,055	23,071	23,100	23,588	23,951
7/1/07-6/30/08	8,166	12,016	13,938	14,761	15,590	14,933	15,315	17,971	18,591	18,508	18,840	18,721	18,995	18,599	18,548
7/1/08-6/30/09	9,934	13,895	15,191	15,342	15,731	16,511	18,489	17,916	18,102	19,933	19,931	20,477	20,519	20,590	20,745
7/1/09-6/30/10	12,627	16,734	19,814	20,226	23,101	28,601	28,511	28,757	29,905	29,761	29,071	29,141	29,153	29,162	
7/1/10-6/30/11	13,325	18,976	21,502	25,622	26,014	26,364	26,687	27,013	28,079	28,139	28,005	28,249	28,548		
7/1/11-6/30/12	12,430	16,218	18,954	19,646	20,194	21,313	21,133	20,947	21,320	21,560	21,582	21,740			
7/1/12-6/30/13	14,430	20,860	23,768	23,985	26,311	25,926	27,121	27,341	27,349	25,353	25,788				
7/1/13-6/30/14	16,705	18,755	20,452	22,104	21,868	21,712	21,520	21,647	22,706	23,511					
7/1/14-6/30/15	12,567	15,341	16,834	18,016	18,861	19,425	22,554	22,905	22,424						
7/1/15-6/30/16	12,855	15,898	18,816	18,600	19,711	19,665	19,694	20,098							
7/1/16-6/30/17	11,815	13,756	13,469	14,042	14,397	14,740	15,312								
7/1/17-6/30/18	12,958	12,126	11,356	10,984	10,877	10,924									
7/1/18-6/30/19	10,535	10,423	9,936	10,045	10,656										
7/1/19-6/30/20	11,561	16,542	15,350	10,862											
7/1/20-6/30/21	10,040	9,568	9,216												
7/1/21-6/30/22	9,728	8,830													
7/1/22-6/30/23	16,344														

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94	1.287	1.059	1.069	0.990	0.997	1.006	0.962	1.056	1.026	0.972	0.996	1.003	1.004	0.994	1.023
7/1/94-6/30/95	1.340	1.034	0.992	1.136	1.137	0.988	1.039	1.014	1.010	1.011	1.046	1.009	0.998	1.003	1.023
7/1/95-6/30/96	1.226	1.014	1.086	0.999	1.187	1.061	1.011	1.020	1.009	1.030	1.053	0.922	1.026	0.998	1.006
7/1/96-6/30/97	1.222	1.119	1.004	1.038	1.049	1.080	1.023	0.995	1.040	1.009	1.009	1.054	1.040	1.022	1.007
7/1/97-6/30/98	1.232	1.122	1.085	1.047	1.006	1.029	1.031	1.039	1.025	1.002	1.033	1.032	1.009	1.028	1.006
7/1/98-6/30/99	1.398	1.253	1.064	1.095	1.033	1.108	1.004	1.003	1.031	1.026	1.031	1.032	1.065	1.045	1.134
7/1/99-6/30/00	1.255	1.181	1.078	1.035	1.028	1.057	0.998	1.026	1.036	1.084	1.047	1.023	1.066	1.144	0.991
7/1/00-6/30/01	1.879	1.191	1.084	1.005	1.042	1.030	1.038	1.094	1.017	1.028	1.004	1.071	1.012	1.016	0.989
7/1/01-6/30/02	1.316	1.131	1.045	1.050	1.050	1.023	1.046	1.055	1.024	1.040	1.005	1.109	1.034	1.030	1.035
7/1/02-6/30/03	1.434	1.057	1.124	1.021	1.031	1.099	1.026	1.034	1.033	1.027	1.208	0.957	0.999	1.008	1.029
7/1/03-6/30/04	1.250	1.206	1.101	1.036	1.046	1.088	1.064	1.035	1.049	1.011	1.020	0.972	1.005	1.102	0.994
7/1/04-6/30/05	1.406	1.208	1.041	1.089	1.057	1.034	1.090	0.999	1.160	1.003	1.022	1.005	1.034	0.936	1.001
7/1/05-6/30/06	1.498	1.135	1.105	1.104	1.056	1.050	1.076	1.009	1.026	0.995	1.121	1.047	0.997	0.994	1.004
7/1/06-6/30/07	1.305	1.191	1.151	1.011	1.032	1.024	1.129	1.023	1.035	1.060	1.046	1.001	1.021	1.015	1.002
7/1/07-6/30/08	1.471	1.160	1.059	1.056	0.958	1.026	1.173	1.035	0.996	1.018	0.994	1.015	0.979	0.997	1.002
7/1/08-6/30/09	1.399	1.093	1.010	1.025	1.050	1.120	0.969	1.010	1.101	1.000	1.027	1.002	1.003	1.008	
7/1/09-6/30/10	1.325	1.184	1.021	1.142	1.238	0.997	1.009	1.040	0.995	0.977	1.002	1.000	1.000		
7/1/10-6/30/11	1.424	1.133	1.192	1.015	1.013	1.012	1.012	1.039	1.002	0.995	1.009	1.011			
7/1/11-6/30/12	1.305	1.169	1.037	1.028	1.055	0.992	0.991	1.018	1.011	1.001	1.007				
7/1/12-6/30/13	1.446	1.139	1.009	1.097	0.985	1.046	1.008	1.000	0.927	1.017					
7/1/13-6/30/14	1.123	1.090	1.081	0.989	0.993	0.991	1.006	1.049	1.035						
7/1/14-6/30/15	1.221	1.097	1.070	1.047	1.030	1.161	1.016	0.979							
7/1/15-6/30/16	1.237	1.184	0.989	1.060	0.998	1.001	1.020								
7/1/16-6/30/17	1.164	0.979	1.043	1.025	1.024	1.039									
7/1/17-6/30/18	0.936	0.937	0.967	0.990	1.004										
7/1/18-6/30/19	0.989	0.953	1.011	1.061											
7/1/19-6/30/20	1.431	0.928	0.708												
7/1/20-6/30/21	0.953	0.963													
7/1/21-6/30/22	0.908														
Avg All	1.289	1.104	1.045	1.046	1.044	1.044	1.032	1.026	1.028	1.015	1.036	1.015	1.012	1.021	1.016
Avg Latest 3	1.097	0.948	0.895	1.025	1.009	1.067	1.014	1.009	0.991	1.004	1.006	1.004	0.994	1.007	1.003
\$ Avg All	1.269	1.104	1.044	1.047	1.043	1.040	1.032	1.025	1.024	1.013	1.034	1.013	1.009	1.019	1.013
\$ Avg Latest 3	1.115	0.944	0.870	1.024	1.008	1.069	1.014	1.008	0.987	1.004	1.006	1.005	0.995	1.007	1.002
Industry	1.094	1.023	0.995	1.005	1.002	1.024	0.999	1.000	0.997	0.995	1.002	1.002	0.998	1.008	1.007
Prior Selected	1.283	1.108	1.059	1.046	1.044	1.040	1.032	1.028	1.024	1.013	1.011	1.005	1.003	1.003	1.002
Selected	1.269	1.104	1.044	1.047	1.043	1.040	1.032	1.025	1.024	1.013	1.006	1.005	1.000	1.007	1.002
Age-Ultimate	1.941	1.529	1.385	1.327	1.268	1.216	1.169	1.133	1.105	1.079	1.065	1.059	1.054	1.054	1.046

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023

LIMITED REPORTED LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	7,836	7,709	7,670	7,697	9,576	8,010	7,905	7,930	7,917	7,979	8,099	8,099	8,264	8,046	8,041
7/1/94-6/30/95	14,151	14,432	14,435	14,274	14,967	14,915	14,989	15,053	15,478	15,282	15,283	15,317	15,929	15,837	
7/1/95-6/30/96	11,092	11,103	11,367	11,728	11,814	11,706	12,348	12,544	12,474	12,493	12,491	12,492	12,498		
7/1/96-6/30/97	11,525	11,868	13,623	13,267	13,492	12,359	12,596	12,605	12,644	12,452	12,430	12,309			
7/1/97-6/30/98	9,254	9,970	10,491	10,561	10,499	10,531	10,456	10,458	10,532	10,510	10,510				
7/1/98-6/30/99	13,588	13,590	13,533	13,736	13,863	13,914	14,041	13,999	14,524	14,410					
7/1/99-6/30/00	16,433	16,794	16,930	17,251	17,454	17,655	17,645	17,689							
7/1/00-6/30/01	18,993	19,877	20,724	20,649	20,630	20,672	20,689	20,512							
7/1/01-6/30/02	20,986	21,106	21,259	21,353	21,428	20,974	21,568								
7/1/02-6/30/03	20,098	20,705	20,164	19,660	19,695										
7/1/03-6/30/04	22,353	23,345	23,327	23,529	23,531										
7/1/04-6/30/05	20,889	21,307	21,317	21,095											
7/1/05-6/30/06	20,329	18,502	18,680												
7/1/06-6/30/07	23,990	24,252													
7/1/07-6/30/08	18,588														
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	0.984	0.995	1.004	1.244	0.836	0.987	1.003	0.998	1.008	1.015	1.000	1.020	0.974	0.999	
7/1/94-6/30/95	1.020	1.000	0.989	1.049	0.997	1.005	1.004	1.028	0.987	1.000	1.002	1.040	0.994		
7/1/95-6/30/96	1.001	1.024	1.032	1.007	0.991	1.055	1.016	0.994	1.002	1.000	1.000	1.001			
7/1/96-6/30/97	1.030	1.148	0.974	1.017	0.916	1.019	1.001	1.003	0.985	0.998	0.990				
7/1/97-6/30/98	1.077	1.052	1.007	0.994	1.003	0.993	1.000	1.007	0.998	1.000					
7/1/98-6/30/99	1.000	0.996	1.015	1.009	1.004	1.009	0.997	1.038	0.992						
7/1/99-6/30/00	1.022	1.008	1.019	1.012	1.012	0.999	1.003	1.000							
7/1/00-6/30/01	1.047	1.043	0.996	0.999	1.002	1.001	0.991								
7/1/01-6/30/02	1.006	1.007	1.004	1.004	0.979	1.028									
7/1/02-6/30/03	1.030	0.974	0.975	1.002	1.010										
7/1/03-6/30/04	1.044	0.999	1.009	1.000											
7/1/04-6/30/05	1.020	1.000	0.990												
7/1/05-6/30/06	0.910	1.010													
7/1/06-6/30/07	1.011														
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
Avg All	1.014	1.020	1.001	1.031	0.975	1.011	1.002	1.010	0.995	1.003	0.998	1.020	0.984	0.999	
Avg Latest 3	0.980	1.003	0.991	1.002	0.997	1.009	0.997	1.015	0.992	0.999	0.997	1.020	0.984	0.999	
\$ Avg All	1.013	1.015	1.000	1.019	0.982	1.011	1.001	1.011	0.994	1.002	0.998	1.022	0.987	0.999	
\$ Avg Latest 3	0.982	1.003	0.992	1.002	0.997	1.010	0.997	1.014	0.991	0.999	0.998	1.022	0.987	0.999	
Industry	0.999	1.004	1.002	1.002	1.003	1.002	1.003	1.004	1.004	1.004	1.004	1.004	1.000	1.000	1.000
Prior Selected	1.001	1.010	1.001	1.001	1.002	1.001	1.002	1.003	1.002	1.004	1.003	1.005	1.005		
Selected	1.001	1.010	1.002	1.002	1.003	1.002	1.003	1.004	1.004	1.004	1.004	1.004	1.000	1.000	1.000
Age-Ultimate	1.043	1.042	1.032	1.030	1.028	1.025	1.023	1.020	1.016	1.012	1.008	1.004	1.000	1.000	1.000

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023

LIMITED PAID LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94	1,958	4,264	5,509	6,284	6,620	6,807	6,941	6,974	7,003	7,115	7,302	7,421	7,463	7,514	7,456
7/1/94-6/30/95	2,113	5,682	7,068	7,821	8,281	8,545	8,749	9,145	9,469	9,757	10,016	10,277	10,589	10,881	11,142
7/1/95-6/30/96	2,258	4,925	6,460	7,332	7,965	8,373	8,935	9,119	9,431	9,591	9,755	10,145	10,378	10,746	10,623
7/1/96-6/30/97	2,498	4,728	5,927	6,527	6,960	7,408	7,675	8,003	8,445	8,649	8,852	8,980	9,385	9,438	9,605
7/1/97-6/30/98	2,367	4,961	6,077	6,583	6,862	7,071	7,313	7,535	7,725	7,985	8,083	8,377	8,618	8,771	8,944
7/1/98-6/30/99	2,250	4,346	5,728	6,822	7,410	7,833	8,300	8,570	8,819	9,304	9,548	9,881	10,168	10,748	11,234
7/1/99-6/30/00	2,782	5,226	6,794	7,778	8,534	8,981	9,523	9,896	10,385	10,768	11,145	11,489	11,775	12,266	12,611
7/1/00-6/30/01	3,101	7,538	9,740	11,391	12,383	13,113	13,692	14,066	14,929	15,080	15,407	15,747	16,160	16,553	16,836
7/1/01-6/30/02	3,961	7,113	9,739	11,209	12,177	13,106	13,558	14,280	14,676	15,276	15,839	16,221	16,596	16,911	17,285
7/1/02-6/30/03	3,522	7,945	10,254	11,582	12,269	12,916	13,773	14,365	14,955	15,614	16,062	16,575	16,738	16,990	17,351
7/1/03-6/30/04	4,254	9,144	11,649	13,517	14,581	15,474	16,280	16,894	17,345	17,817	18,284	18,651	19,170	19,432	19,813
7/1/04-6/30/05	4,608	9,097	11,690	13,408	14,693	15,313	15,714	16,949	17,485	17,893	18,103	18,341	18,616	19,173	19,173
7/1/05-6/30/06	3,873	7,906	10,103	11,629	12,476	13,346	14,345	15,309	15,835	16,210	16,695	17,153	17,485	17,485	17,602
7/1/06-6/30/07	4,488	9,766	12,577	14,505	15,382	16,199	16,687	17,167	17,582	18,006	18,503	18,729	19,191	19,566	20,035
7/1/07-6/30/08	4,302	8,566	10,932	12,378	13,357	14,142	14,627	15,105	15,473	15,690	15,863	16,190	16,367	16,559	16,671
7/1/08-6/30/09	5,152	10,357	12,693	14,069	14,750	15,406	16,110	16,551	17,107	17,366	17,661	17,939	18,240	18,436	18,630
7/1/09-6/30/10	7,496	13,394	16,438	18,040	19,414	20,262	21,046	21,474	21,642	21,836	21,886	22,035	22,149	22,255	
7/1/10-6/30/11	7,486	14,837	18,395	20,295	21,404	22,338	22,770	23,502	23,795	23,968	24,149	24,616	24,910		
7/1/11-6/30/12	7,401	13,361	16,550	18,036	18,877	19,729	20,143	20,382	20,655	20,968	21,133	21,255			
7/1/12-6/30/13	7,772	14,972	17,973	19,522	20,163	20,802	21,491	21,944	22,281	22,718	22,955				
7/1/13-6/30/14	6,814	12,284	14,870	16,370	17,199	17,826	18,296	18,711	19,106	19,698					
7/1/14-6/30/15	6,005	12,374	14,754	16,241	17,412	18,019	18,751	19,405	19,673						
7/1/15-6/30/16	5,452	10,864	12,647	13,527	14,109	14,671	15,194	15,466							
7/1/16-6/30/17	5,019	9,609	11,160	12,100	12,939	13,469	13,837								
7/1/17-6/30/18	4,598	8,726	9,474	10,041	10,205	10,371									
7/1/18-6/30/19	4,176	7,461	8,330	9,019	9,803										
7/1/19-6/30/20	4,129	7,594	8,373	9,239											
7/1/20-6/30/21	3,435	6,596	7,707												
7/1/21-6/30/22	2,945	5,990													
7/1/22-6/30/23	3,695														

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94	2.178	1.292	1.141	1.053	1.028	1.020	1.005	1.004	1.016	1.026	1.016	1.006	1.007	0.992	1.025
7/1/94-6/30/95	2.689	1.244	1.107	1.059	1.032	1.024	1.045	1.035	1.030	1.027	1.026	1.030	1.028	1.024	1.029
7/1/95-6/30/96	2.181	1.312	1.135	1.086	1.051	1.067	1.021	1.034	1.017	1.017	1.040	1.023	1.035	0.989	1.007
7/1/96-6/30/97	1.893	1.254	1.101	1.066	1.064	1.036	1.043	1.055	1.024	1.023	1.014	1.045	1.006	1.018	1.023
7/1/97-6/30/98	2.096	1.225	1.083	1.042	1.030	1.034	1.030	1.025	1.034	1.012	1.036	1.029	1.018	1.020	1.010
7/1/98-6/30/99	1.932	1.318	1.191	1.086	1.057	1.060	1.033	1.029	1.055	1.026	1.035	1.029	1.057	1.045	1.031
7/1/99-6/30/00	1.879	1.300	1.145	1.097	1.052	1.060	1.039	1.049	1.037	1.035	1.031	1.026	1.028	1.018	1.011
7/1/00-6/30/01	2.431	1.292	1.170	1.087	1.059	1.044	1.027	1.061	1.010	1.022	1.022	1.026	1.024	1.017	1.016
7/1/01-6/30/02	1.796	1.369	1.151	1.086	1.076	1.034	1.053	1.028	1.041	1.037	1.024	1.023	1.019	1.022	1.019
7/1/02-6/30/03	2.256	1.291	1.130	1.059	1.053	1.066	1.043	1.041	1.044	1.029	1.032	1.010	1.015	1.021	1.030
7/1/03-6/30/04	2.150	1.274	1.160	1.079	1.061	1.052	1.038	1.027	1.027	1.026	1.020	1.028	1.014	1.020	1.000
7/1/04-6/30/05	1.974	1.285	1.147	1.096	1.042	1.026	1.079	1.032	1.023	1.012	1.013	1.015	1.030	1.000	1.009
7/1/05-6/30/06	2.041	1.278	1.151	1.073	1.070	1.075	1.067	1.034	1.024	1.030	1.027	1.019	1.000	1.007	1.010
7/1/06-6/30/07	2.176	1.288	1.153	1.060	1.030	1.029	1.024	1.024	1.024	1.028	1.012	1.025	1.020	1.024	1.011
7/1/07-6/30/08	1.991	1.276	1.132	1.079	1.059	1.034	1.033	1.024	1.014	1.011	1.021	1.011	1.012	1.007	1.007
7/1/08-6/30/09	2.010	1.226	1.108	1.048	1.044	1.046	1.027	1.034	1.015	1.017	1.016	1.017	1.011	1.011	
7/1/09-6/30/10	1.787	1.227	1.097	1.076	1.044	1.039	1.020	1.008	1.009	1.002	1.007	1.005	1.005		
7/1/10-6/30/11	1.982	1.240	1.103	1.055	1.044	1.019	1.032	1.012	1.007	1.008	1.019	1.012			
7/1/11-6/30/12	1.805	1.239	1.090	1.047	1.045	1.021	1.012	1.013	1.015	1.008	1.006				
7/1/12-6/30/13	1.926	1.200	1.086	1.033	1.032	1.033	1.021	1.015	1.020	1.010					
7/1/13-6/30/14	1.803	1.211	1.101	1.051	1.036	1.026	0.993	1.051	1.031						
7/1/14-6/30/15	2.061	1.192	1.101	1.072	1.035	1.041	1.035	1.014							
7/1/15-6/30/16	1.993	1.164	1.070	1.043	1.040	1.036	1.018								
7/1/16-6/30/17	1.915	1.161	1.084	1.069	1.041	1.027									
7/1/17-6/30/18	1.898	1.086	1.060	1.016	1.016										
7/1/18-6/30/19	1.787	1.116	1.083	1.087											
7/1/19-6/30/20	1.839	1.103	1.103												
7/1/20-6/30/21	1.920	1.169													
7/1/21-6/30/22	2.034														
Avg All	2.015	1.237	1.118	1.066	1.047	1.040	1.032	1.030	1.025	1.020	1.022	1.021	1.020	1.015	1.017
Avg Latest 3	1.931	1.129	1.082	1.057	1.032	1.035	1.015	1.027	1.022	1.009	1.011	1.011	1.009	1.014	1.009
\$ Avg All	1.978	1.230	1.114	1.064	1.046	1.038	1.031	1.028	1.023	1.019	1.020	1.019	1.019	1.015	1.016
\$ Avg Latest 3	1.920	1.127	1.081	1.057	1.034	1.035	1.015	1.026	1.022	1.009	1.011	1.011	1.009	1.014	1.010
Industry	1.910	1.152	1.070	1.042	1.027	1.021	1.015	1.007	1.007	1.009	1.008	1.007	1.008	1.008	1.007
Prior Selected	1.844	1.101	1.076	1.044	1.038	1.034	1.030	1.026	1.022	1.019	1.021	1.020	1.020	1.016	1.017
Selected	1.920	1.127	1.081	1.057	1.034	1.035	1.031	1.026	1.023	1.019	1.020	1.019	1.019	1.015	1.016
Age-Ultimate	3.635	1.893	1.679	1.553	1.469	1.421	1.373	1.331	1.297	1.268	1.245	1.220	1.197	1.175	1.157

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023

LIMITED PAID LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	7,639	7,551	7,572	7,630	7,693	7,752	7,787	7,841	7,834	7,879	7,849	7,924	7,997	8,017	8,019
7/1/94-6/30/95	11,464	11,751	12,033	12,243	12,438	12,658	12,894	13,092	13,433	13,433	13,570	13,731	13,873	14,012	
7/1/95-6/30/96	10,700	10,808	10,887	11,088	11,232	11,316	11,463	11,594	11,594	11,645	11,703	11,741	11,787		
7/1/96-6/30/97	9,822	10,047	10,356	10,674	10,870	11,106	11,497	11,497	11,555	11,712	11,822	11,898			
7/1/97-6/30/98	9,033	9,248	9,490	9,586	9,758	9,875	9,875	9,928	9,995	10,056	10,103				
7/1/98-6/30/99	11,577	11,774	11,947	12,105	12,494	12,494	12,684	12,829	13,004	13,162					
7/1/99-6/30/00	13,005	13,385	13,928	14,697	14,697	14,945	15,210	15,433	15,658						
7/1/00-6/30/01	17,097	17,337	17,746	17,746	17,948	18,203	18,401	18,531							
7/1/01-6/30/02	17,614	18,234	18,234	18,514	18,859	19,121	19,336								
7/1/02-6/30/03	17,868	17,868	18,074	18,188	18,261	18,371									
7/1/03-6/30/04	19,813	20,256	20,447	20,678	20,838										
7/1/04-6/30/05	19,336	19,568	19,686	19,867											
7/1/05-6/30/06	17,785	17,897	17,959												
7/1/06-6/30/07	20,261	20,476													
7/1/07-6/30/08	16,784														
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	0.988	1.003	1.008	1.008	1.008	1.005	1.007	0.999	1.006	0.996	1.010	1.009	1.003	1.000	
7/1/94-6/30/95	1.025	1.024	1.017	1.016	1.018	1.019	1.015	1.026	1.000	1.010	1.012	1.010	1.010		
7/1/95-6/30/96	1.010	1.007	1.018	1.013	1.007	1.013	1.011	1.000	1.004	1.005	1.003	1.004			
7/1/96-6/30/97	1.023	1.031	1.031	1.018	1.022	1.035	1.000	1.005	1.014	1.009	1.006				
7/1/97-6/30/98	1.024	1.026	1.010	1.018	1.012	1.000	1.005	1.007	1.006	1.005					
7/1/98-6/30/99	1.017	1.015	1.013	1.032	1.000	1.015	1.011	1.014	1.012						
7/1/99-6/30/00	1.029	1.041	1.055	1.000	1.017	1.018	1.015	1.015							
7/1/00-6/30/01	1.014	1.024	1.000	1.011	1.014	1.011	1.007								
7/1/01-6/30/02	1.035	1.000	1.015	1.019	1.014	1.011									
7/1/02-6/30/03	1.000	1.012	1.006	1.004	1.006										
7/1/03-6/30/04	1.022	1.009	1.011	1.008											
7/1/04-6/30/05	1.012	1.006	1.009												
7/1/05-6/30/06	1.006	1.003													
7/1/06-6/30/07	1.011														
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
Avg All	1.015	1.015	1.016	1.013	1.012	1.014	1.009	1.009	1.007	1.005	1.008	1.008	1.007	1.000	
Avg Latest 3	1.010	1.006	1.009	1.010	1.011	1.013	1.011	1.012	1.011	1.006	1.007	1.008	1.007	1.000	
\$ Avg All	1.016	1.014	1.015	1.013	1.012	1.014	1.009	1.010	1.007	1.006	1.008	1.008	1.007	1.000	
\$ Avg Latest 3	1.010	1.006	1.009	1.010	1.011	1.013	1.011	1.012	1.011	1.006	1.007	1.008	1.007	1.000	
Industry	1.005	1.005	1.003	1.004	1.004	1.005	1.006	1.006	1.007	1.009	1.011	1.014	1.016	1.018	1.000
Prior Selected	1.016	1.010	1.005	1.003	1.005	1.004	1.006	1.006	1.007	1.009	1.010	1.011	1.014		
Selected	1.016	1.010	1.005	1.004	1.004	1.005	1.006	1.006	1.007	1.009	1.011	1.014	1.016	1.018	
Age-Ultimate	1.139	1.121	1.110	1.104	1.100	1.096	1.091	1.085	1.078	1.070	1.060	1.048	1.034	1.018	1.000

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

**WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023**

**DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE
UNREPORTED METHOD**

Fiscal Year	Expected Losses and ALAE (a)	Expected Percentage Unreported (b)	Expected Unreported Losses and ALAE [(2) × (3)]	Reported Losses and ALAE as of 6/30/23 (c)	Projected Ultimate Losses and ALAE [(4) + (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 17,444,383	0.024	\$ 418,665	\$ 19,894,279	\$ 20,312,944
7/1/03-6/30/04	15,456,906	0.027	417,336	23,531,138	23,948,474
7/1/04-6/30/05	16,833,915	0.029	488,184	21,094,693	21,582,877
7/1/05-6/30/06	17,353,528	0.031	537,959	18,679,842	19,217,801
7/1/06-6/30/07	18,333,529	0.040	733,341	24,251,848	24,985,189
7/1/07-6/30/08	19,233,687	0.041	788,581	18,587,700	19,376,281
7/1/08-6/30/09	19,745,697	0.044	868,811	20,745,350	21,614,161
7/1/09-6/30/10	20,877,638	0.051	1,064,760	29,162,302	30,227,062
7/1/10-6/30/11	21,969,308	0.051	1,120,435	28,547,699	29,668,134
7/1/11-6/30/12	22,956,041	0.056	1,285,538	21,740,434	23,025,972
7/1/12-6/30/13	23,769,862	0.061	1,449,962	25,788,129	27,238,091
7/1/13-6/30/14	24,255,590	0.073	1,770,658	23,511,447	25,282,105
7/1/14-6/30/15	25,180,767	0.095	2,392,173	22,423,685	24,815,858
7/1/15-6/30/16	26,432,690	0.117	3,092,625	20,097,574	23,190,199
7/1/16-6/30/17	27,199,694	0.145	3,943,956	15,312,195	19,256,151
7/1/17-6/30/18	27,036,789	0.178	4,812,548	10,924,393	15,736,941
7/1/18-6/30/19	28,073,732	0.211	5,923,557	10,655,884	16,579,441
7/1/19-6/30/20	28,438,136	0.246	6,995,781	10,861,872	17,857,653
7/1/20-6/30/21	30,155,102	0.278	8,383,118	9,216,317	17,599,435
7/1/21-6/30/22	30,776,815	0.346	10,648,778	8,829,832	19,478,610
7/1/22-6/30/23	32,134,447	0.485	15,585,207	16,343,834	31,929,041
Total	\$ 493,658,256		\$ 72,721,973	\$ 400,200,446	\$ 472,922,419

- Notes: (a) See Exhibit 7.
(b) Based on reporting pattern shown on Exhibit 4, Sheet 1.
(c) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE UNPAID METHOD

Fiscal Year	Expected Losses and ALAE (a)	Expected Percentage Unpaid (b)	Expected Unpaid Losses and ALAE [(2) × (3)]	Paid Losses and ALAE as of 6/30/23 (c)	Projected Ultimate Losses and ALAE [(4) + (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 17,444,383	0.088	\$ 1,535,106	\$ 18,370,946	\$ 19,906,052
7/1/03-6/30/04	15,456,906	0.091	1,406,578	20,838,128	22,244,706
7/1/04-6/30/05	16,833,915	0.094	1,582,388	19,867,014	21,449,402
7/1/05-6/30/06	17,353,528	0.099	1,717,999	17,958,830	19,676,829
7/1/06-6/30/07	18,333,529	0.108	1,980,021	20,475,507	22,455,528
7/1/07-6/30/08	19,233,687	0.122	2,346,510	16,784,028	19,130,538
7/1/08-6/30/09	19,745,697	0.136	2,685,415	18,629,711	21,315,126
7/1/09-6/30/10	20,877,638	0.149	3,110,768	22,254,735	25,365,503
7/1/10-6/30/11	21,969,308	0.165	3,624,936	24,909,701	28,534,637
7/1/11-6/30/12	22,956,041	0.180	4,132,087	21,254,795	25,386,882
7/1/12-6/30/13	23,769,862	0.197	4,682,663	22,955,473	27,638,136
7/1/13-6/30/14	24,255,590	0.211	5,117,929	19,698,458	24,816,387
7/1/14-6/30/15	25,180,767	0.229	5,766,396	19,673,073	25,439,469
7/1/15-6/30/16	26,432,690	0.249	6,581,740	15,466,046	22,047,786
7/1/16-6/30/17	27,199,694	0.272	7,398,317	13,837,318	21,235,635
7/1/17-6/30/18	27,036,789	0.296	8,002,890	10,370,850	18,373,740
7/1/18-6/30/19	28,073,732	0.319	8,955,521	9,803,086	18,758,607
7/1/19-6/30/20	28,438,136	0.356	10,123,976	9,238,700	19,362,676
7/1/20-6/30/21	30,155,102	0.404	12,182,661	7,707,104	19,889,765
7/1/21-6/30/22	30,776,815	0.472	14,526,657	5,990,017	20,516,674
7/1/22-6/30/23	32,134,447	0.725	23,297,474	3,694,636	26,992,110
Total	\$ 493,658,256		\$ 130,758,032	\$ 339,778,156	\$ 470,536,188

- Notes: (a) See Exhibit 7.
(b) Based on payment pattern shown on Exhibit 4, Sheet 1.
(c) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023

DEVELOPMENT OF ULTIMATE LOSSES AND ALAE
EXPECTED LOSS METHOD

Fiscal Year	FTE (a)	Reported Losses and ALAE as of 6/30/2023 (a)	Loss Trend (b)	Curr. Level Reported Losses and ALAE as of 6/30/2023 (c)	Reported Loss Development Factor (d)	Detrended Aggregate Onlevel Loss Cost (f)	Expected Losses and ALAE (g)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
7/1/02-6/30/03	16,960	\$ 19,894,279	1.842	\$ 36,645,262	1.025	\$ 1,029	\$ 17,444,383
7/1/03-6/30/04	14,579	23,531,138	1.787	42,050,143	1.028	1,060	15,456,906
7/1/04-6/30/05	15,398	21,094,693	1.733	36,557,102	1.030	1,093	16,833,915
7/1/05-6/30/06	15,397	18,679,842	1.681	31,400,814	1.032	1,127	17,353,528
7/1/06-6/30/07	15,773	24,251,848	1.630	39,530,512	1.042	1,162	18,333,529
7/1/07-6/30/08	16,050	18,587,700	1.581	29,387,154	1.043	1,198	19,233,687
7/1/08-6/30/09	15,977	20,745,350	1.533	31,802,622	1.046	1,236	19,745,697
7/1/09-6/30/10	16,386	29,162,302	1.487	43,364,344	1.054	1,274	20,877,638
7/1/10-6/30/11	16,721	28,547,699	1.442	41,165,782	1.054	1,314	21,969,308
7/1/11-6/30/12	16,951	21,740,434	1.399	30,414,867	1.059	1,354	22,956,041
7/1/12-6/30/13	17,025	25,788,129	1.357	34,994,491	1.065	1,396	23,769,862
7/1/13-6/30/14	16,848	23,511,447	1.316	30,941,064	1.079	1,440	24,255,590
7/1/14-6/30/15	16,959	22,423,685	1.276	28,612,622	1.105	1,485	25,180,767
7/1/15-6/30/16	17,272	20,097,574	1.238	24,880,797	1.133	1,530	26,432,690
7/1/16-6/30/17	17,242	15,312,195	1.201	18,389,946	1.169	1,578	27,199,694
7/1/17-6/30/18	16,625	10,924,393	1.165	12,726,918	1.216	1,626	27,036,789
7/1/18-6/30/19	16,744	10,655,884	1.130	12,041,149	1.268	1,677	28,073,732
7/1/19-6/30/20	16,451	10,861,872	1.096	11,904,611	1.327	1,729	28,438,136
7/1/20-6/30/21	16,919	9,216,317	1.063	9,796,945	1.385	1,782	30,155,102
7/1/21-6/30/22	16,748	8,829,832	1.031	9,103,557	1.529	1,838	30,776,815
7/1/22-6/30/23	16,961	16,343,834	1.000	16,343,834	1.941	1,895	32,134,447
Total	345,986	\$ 400,200,446		\$ 572,054,536			\$ 493,658,256
(9) Selected Loss Annual Trend Rate (b)				1.031			
(10) Aggregate Onlevel Loss Cost (/ FTE) (e)				\$ 1,895			

- Notes: (a) Provided by the State. Losses are net of excess insurance.
 (b) Based on an assumed annual loss trend of 3.1%.
 (c) [(3) × (4)]
 (d) See Exhibit 4, Sheet 1.
 (e) Sum((5)) ÷ Sumproduct((2) , 1.0 ÷ (6))
 (f) [(10) ÷ (4)]
 (g) [(2) × (7)]

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ULTIMATE CLAIMS

Fiscal Year	Reported Claims (a)	Development Factor to Ultimate (b)	Projected Ultimate Claims (c)
(1)	(2)	(3)	(4)
7/1/93-6/30/94	1,179	1.000	1,179
7/1/94-6/30/95	1,346	1.000	1,346
7/1/95-6/30/96	1,256	1.000	1,256
7/1/96-6/30/97	1,258	1.000	1,258
7/1/97-6/30/98	1,200	1.000	1,200
7/1/98-6/30/99	1,105	1.000	1,105
7/1/99-6/30/00	1,077	1.000	1,077
7/1/00-6/30/01	1,141	1.000	1,141
7/1/01-6/30/02	1,151	1.000	1,151
7/1/02-6/30/03	1,243	1.000	1,243
7/1/03-6/30/04	1,432	1.000	1,432
7/1/04-6/30/05	1,411	1.000	1,411
7/1/05-6/30/06	1,276	1.000	1,276
7/1/06-6/30/07	1,213	1.000	1,213
7/1/07-6/30/08	1,115	1.000	1,115
7/1/08-6/30/09	1,219	1.000	1,219
7/1/09-6/30/10	1,238	1.000	1,238
7/1/10-6/30/11	1,243	1.000	1,243
7/1/11-6/30/12	1,275	1.000	1,275
7/1/12-6/30/13	1,177	1.000	1,177
7/1/13-6/30/14	1,169	1.000	1,169
7/1/14-6/30/15	1,074	1.000	1,074
7/1/15-6/30/16	997	1.000	997
7/1/16-6/30/17	947	1.000	947
7/1/17-6/30/18	948	1.001	949
7/1/18-6/30/19	1,058	1.002	1,060
7/1/19-6/30/20	812	1.003	814
7/1/20-6/30/21	764	1.004	767
7/1/21-6/30/22	784	1.012	793
7/1/22-6/30/23	659	1.073	707
Total	33,767		33,832

Notes: (a) Data provided by the State.
(b) See Sheets 2 and 3.
(c) [(2) × (3)]

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023

REPORTED CLAIM COUNTS

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94	1,021	1,166	1,177	1,177	1,177	1,178	1,178	1,178	1,178	1,178	1,178	1,178	1,178	1,178	1,178
7/1/94-6/30/95	1,042	1,328	1,335	1,338	1,341	1,341	1,341	1,341	1,343	1,343	1,343	1,343	1,343	1,343	1,343
7/1/95-6/30/96	1,059	1,246	1,252	1,253	1,252	1,253	1,253	1,252	1,252	1,252	1,252	1,252	1,253	1,253	1,253
7/1/96-6/30/97	1,097	1,247	1,255	1,255	1,256	1,259	1,257	1,257	1,257	1,257	1,257	1,256	1,257	1,257	1,257
7/1/97-6/30/98	1,086	1,195	1,197	1,198	1,199	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,199
7/1/98-6/30/99	1,063	1,095	1,105	1,108	1,103	1,103	1,104	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105
7/1/99-6/30/00	983	1,069	1,081	1,075	1,075	1,076	1,076	1,076	1,076	1,076	1,076	1,076	1,077	1,077	1,077
7/1/00-6/30/01	1,270	1,418	1,134	1,137	1,139	1,139	1,141	1,141	1,141	1,141	1,141	1,141	1,141	1,141	1,141
7/1/01-6/30/02	1,513	1,141	1,147	1,149	1,149	1,149	1,149	1,149	1,149	1,149	1,150	1,149	1,150	1,150	1,150
7/1/02-6/30/03	1,160	1,235	1,237	1,238	1,241	1,242	1,243	1,242	1,242	1,242	1,242	1,243	1,243	1,243	1,243
7/1/03-6/30/04	1,323	1,427	1,429	1,432	1,432	1,432	1,430	1,430	1,431	1,432	1,434	1,434	1,434	1,434	1,434
7/1/04-6/30/05	1,358	1,402	1,408	1,411	1,411	1,411	1,411	1,411	1,409	1,411	1,411	1,411	1,411	1,411	1,411
7/1/05-6/30/06	1,167	1,264	1,272	1,273	1,273	1,273	1,273	1,274	1,276	1,276	1,276	1,276	1,276	1,276	1,276
7/1/06-6/30/07	1,116	1,201	1,208	1,208	1,211	1,212	1,212	1,212	1,212	1,213	1,213	1,213	1,213	1,213	1,213
7/1/07-6/30/08	1,032	1,109	1,111	1,114	1,114	1,114	1,114	1,114	1,114	1,115	1,115	1,115	1,115	1,115	1,115
7/1/08-6/30/09	1,108	1,208	1,215	1,218	1,218	1,218	1,218	1,219	1,219	1,219	1,219	1,219	1,219	1,219	1,219
7/1/09-6/30/10	1,157	1,230	1,236	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238
7/1/10-6/30/11	1,145	1,235	1,241	1,241	1,241	1,241	1,241	1,241	1,241	1,242	1,241	1,242	1,243		
7/1/11-6/30/12	1,180	1,260	1,264	1,264	1,265	1,268	1,268	1,269	1,270	1,273	1,273	1,275			
7/1/12-6/30/13	1,127	1,170	1,173	1,176	1,177	1,178	1,178	1,178	1,178	1,176	1,177				
7/1/13-6/30/14	1,109	1,164	1,170	1,170	1,170	1,171	1,171	1,173	1,169	1,169					
7/1/14-6/30/15	1,022	1,066	1,070	1,070	1,071	1,073	1,074	1,074							
7/1/15-6/30/16	914	988	944	995	996	996	997	997							
7/1/16-6/30/17	881	942	944	945	945	946	947								
7/1/17-6/30/18	907	942	945	946	947	948									
7/1/18-6/30/19	997	1,048	1,054	1,056	1,058										
7/1/19-6/30/20	765	806	811	812											
7/1/20-6/30/21	716	756	764												
7/1/21-6/30/22	733	784													
7/1/22-6/30/23	659														

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94	1.142	1.009	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/94-6/30/95	1.274	1.005	1.002	1.002	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96	1.177	1.005	1.001	0.999	1.001	1.000	0.999	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000
7/1/96-6/30/97	1.137	1.006	1.000	1.001	1.002	0.998	1.000	1.000	1.000	1.000	0.999	1.001	1.000	1.000	1.000
7/1/97-6/30/98	1.100	1.002	1.001	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000
7/1/98-6/30/99	1.030	1.009	1.003	0.995	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00	1.087	1.011	0.994	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000
7/1/00-6/30/01	1.117	0.800	1.003	1.002	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02	0.754	1.005	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.001	0.999	1.001	1.000	1.000	1.000
7/1/02-6/30/03	1.065	1.002	1.001	1.002	1.001	1.001	0.999	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000
7/1/03-6/30/04	1.079	1.001	1.002	1.000	1.000	0.999	1.000	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.032	1.004	1.002	1.000	1.000	1.000	1.000	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.083	1.006	1.001	1.000	1.000	1.001	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.076	1.006	1.000	1.002	1.001	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08	1.075	1.002	1.003	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000
7/1/08-6/30/09	1.090	1.006	1.002	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/09-6/30/10	1.063	1.005	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/10-6/30/11	1.079	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.001	0.999	1.001	1.001			
7/1/11-6/30/12	1.068	1.003	1.000	1.001	1.002	1.000	1.001	1.001	1.002	1.000	1.002				
7/1/12-6/30/13	1.038	1.003	1.003	1.001	1.001	1.000	1.000	1.000	0.998	1.001					
7/1/13-6/30/14	1.050	1.005	1.000	1.000	1.001	1.000	1.002	0.997	1.000						
7/1/14-6/30/15	1.043	1.004	1.000	1.001	1.002	1.001	1.000	1.000							
7/1/15-6/30/16	1.081	0.955	1.054	1.001	1.000	1.001	1.000								
7/1/16-6/30/17	1.069	1.002	1.001	1.000	1.001	1.001									
7/1/17-6/30/18	1.039	1.003	1.001	1.001	1.001										
7/1/18-6/30/19	1.051	1.006	1.002	1.002											
7/1/19-6/30/20	1.054	1.006	1.001												
7/1/20-6/30/21	1.056	1.011													
7/1/21-6/30/22	1.070														
Avg All	1.072	0.996	1.003	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.060	1.008	1.001	1.001	1.001	1.001	1.001	0.999	1.000	1.000	1.001	1.000	1.000	1.000	1.000
Wght Avg All	1.067	0.994	1.003	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Wght Avg Latest 3	1.060	1.007	1.001	1.001	1.001	1.001	1.001	0.999	1.000	1.000	1.001	1.000	1.000	1.000	1.000
Industry															
Prior Selected	1.054	1.005	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.060	1.008	1.001	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.073	1.012	1.004	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA
WORKERS' COMPENSATION PROGRAM
AS OF JUNE 30, 2023

REPORTED CLAIM COUNTS

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	1,178	1,178	1,178	1,179	1,179	1,179	1,179	1,179	1,179	1,179	1,179	1,179	1,179	1,179	1,179
7/1/94-6/30/95	1,343	1,343	1,344	1,344	1,344	1,344	1,344	1,344	1,346	1,346	1,346	1,346	1,346	1,346	1,346
7/1/95-6/30/96	1,253	1,253	1,255	1,255	1,255	1,255	1,255	1,255	1,256	1,256	1,256	1,256	1,256	1,256	1,256
7/1/96-6/30/97	1,257	1,257	1,258	1,258	1,258	1,258	1,258	1,258	1,258	1,258	1,258	1,258	1,258	1,258	1,258
7/1/97-6/30/98	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,200	1,200	1,200	1,200	1,200	1,200
7/1/98-6/30/99	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105
7/1/99-6/30/00	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077	1,077
7/1/00-6/30/01	1,141	1,141	1,141	1,141	1,141	1,141	1,141	1,141	1,141	1,141	1,141	1,141	1,141	1,141	1,141
7/1/01-6/30/02	1,150	1,151	1,151	1,151	1,151	1,151	1,151	1,151	1,151	1,151	1,151	1,151	1,151	1,151	1,151
7/1/02-6/30/03	1,243	1,243	1,243	1,243	1,243	1,243	1,243	1,243	1,243	1,243	1,243	1,243	1,243	1,243	1,243
7/1/03-6/30/04	1,434	1,434	1,434	1,432	1,432	1,432	1,432	1,432	1,432	1,432	1,432	1,432	1,432	1,432	1,432
7/1/04-6/30/05	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411
7/1/05-6/30/06	1,276	1,276	1,276	1,276	1,276	1,276	1,276	1,276	1,276	1,276	1,276	1,276	1,276	1,276	1,276
7/1/06-6/30/07	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213	1,213
7/1/07-6/30/08	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115	1,115
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/94-6/30/95	1.000	1.001	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96	1.000	1.002	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03	1.000	1.000	1.000	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															
Avg All	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Wght Avg All	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Wght Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry															
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

WORKERS' COMPENSATION PROGRAM AS OF JUNE 30, 2023

CALCULATION OF DISCOUNT FACTORS 3.0% RATE OF RETURN

Period	Payment Made in Period (a)	Remaining Payments at Beginning of Period (b)	Present Value of Remaining Payments (c)	Reserve Discount Factor [(4) ÷ (3)]
(1)	(2)	(3)	(4)	(5)
1	0.275	1.000	0.860	0.8599
2	0.253	0.725	0.607	0.8367
3	0.068	0.472	0.368	0.7797
4	0.048	0.404	0.310	0.7674
5	0.037	0.356	0.271	0.7602
6	0.023	0.319	0.241	0.7561
7	0.024	0.296	0.225	0.7604
8	0.023	0.272	0.207	0.7628
9	0.020	0.249	0.190	0.7645
10	0.018	0.229	0.176	0.7676
11	0.014	0.211	0.163	0.7714
12	0.017	0.197	0.153	0.7789
13	0.015	0.180	0.141	0.7822
14	0.016	0.165	0.130	0.7867
15	0.013	0.149	0.117	0.7883
16	0.014	0.136	0.108	0.7925
17	0.014	0.122	0.097	0.7935
18	0.009	0.108	0.086	0.7917
19	0.005	0.099	0.079	0.7974
20	0.003	0.094	0.076	0.8110
21	0.003	0.091	0.075	0.8294
22	0.005	0.088	0.075	0.8488
23	0.005	0.083	0.072	0.8658
24	0.006	0.078	0.069	0.8839
25	0.007	0.072	0.065	0.9017
26	0.008	0.065	0.060	0.9194
27	0.011	0.057	0.053	0.9375
28	0.013	0.046	0.044	0.9538
29	0.015	0.033	0.032	0.9697
30	0.018	0.018	0.018	0.9853

Notes: (a) Based on payment pattern shown in Exhibit 4, Sheet 1.
(b) Upward sum of Column (2).
(c) Based on a 3.0% rate of return.

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2024

WORKERS' COMPENSATION

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/23 (b)	Est Paid Losses and ALAE btw 7/1/23 and 6/30/24 (c)	Paid Losses and ALAE as of 6/30/23 (d)	Paid Losses and ALAE as of 6/30/24 (e)	Estimated Unpaid Losses and ALAE as of 6/30/24 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 93,388,715	\$ 5,207,978	\$ 520,798	\$ 88,180,737	\$ 88,701,535	\$ 4,687,180
7/1/1993 - 6/30/1994	8,100,000	80,722	8,072	8,019,278	8,027,350	72,650
7/1/1994 - 6/30/1995	15,900,000	1,888,384	188,838	14,011,617	14,200,455	1,699,545
7/1/1995 - 6/30/1996	12,560,000	772,991	351,360	11,787,010	12,138,369	421,631
7/1/1996 - 6/30/1997	12,400,000	502,247	141,939	11,897,753	12,039,692	360,308
7/1/1997 - 6/30/1998	10,600,000	497,196	95,950	10,102,804	10,198,754	401,246
7/1/1998 - 6/30/1999	14,500,000	1,337,729	164,644	13,162,272	13,326,915	1,173,085
7/1/1999 - 6/30/2000	17,750,000	2,091,504	203,341	15,658,495	15,861,836	1,888,164
7/1/2000 - 6/30/2001	20,650,000	2,119,137	163,011	18,530,862	18,693,873	1,956,127
7/1/2001 - 6/30/2002	22,000,000	2,664,172	160,492	19,335,828	19,496,320	2,503,680
7/1/2002 - 6/30/2003	20,200,000	1,829,054	103,924	18,370,946	18,474,870	1,725,130
7/1/2003 - 6/30/2004	23,900,000	3,061,872	100,941	20,838,128	20,939,068	2,960,932
7/1/2004 - 6/30/2005	21,750,000	1,882,986	60,095	19,867,014	19,927,109	1,822,891
7/1/2005 - 6/30/2006	19,500,000	1,541,169	77,837	17,958,830	18,036,667	1,463,333
7/1/2006 - 6/30/2007	24,750,000	4,274,493	356,208	20,475,507	20,831,715	3,918,285
7/1/2007 - 6/30/2008	19,400,000	2,615,972	300,194	16,784,028	17,084,222	2,315,778
7/1/2008 - 6/30/2009	21,750,000	3,120,289	321,206	18,629,711	18,950,917	2,799,083
7/1/2009 - 6/30/2010	30,500,000	8,245,266	719,386	22,254,735	22,974,120	7,525,880
7/1/2010 - 6/30/2011	30,000,000	5,090,299	493,605	24,909,701	25,403,306	4,596,694
7/1/2011 - 6/30/2012	24,250,000	2,995,204	249,600	21,254,795	21,504,396	2,745,604
7/1/2012 - 6/30/2013	27,500,000	4,544,527	392,167	22,955,473	23,347,640	4,152,360
7/1/2013 - 6/30/2014	25,000,000	5,301,542	351,761	19,698,458	20,050,219	4,949,781
7/1/2014 - 6/30/2015	25,000,000	5,326,927	418,710	19,673,073	20,091,783	4,908,217
7/1/2015 - 6/30/2016	22,500,000	7,033,954	564,976	15,466,046	16,031,022	6,468,978
7/1/2016 - 6/30/2017	18,500,000	4,662,682	394,271	13,837,318	14,231,588	4,268,412
7/1/2017 - 6/30/2018	16,000,000	5,629,150	456,418	10,370,850	10,827,268	5,172,732
7/1/2018 - 6/30/2019	15,500,000	5,696,914	410,749	9,803,086	10,213,835	5,286,165
7/1/2019 - 6/30/2020	19,000,000	9,761,300	1,014,517	9,238,700	10,253,217	8,746,783
7/1/2020 - 6/30/2021	18,000,000	10,292,897	1,222,918	7,707,104	8,930,022	9,069,978
7/1/2021 - 6/30/2022	18,000,000	12,009,983	1,730,252	5,990,017	7,720,269	10,279,731
7/1/2022 - 6/30/2023	22,000,000	18,305,364	6,387,941	3,694,636	10,082,577	11,917,423
7/1/2023 - 6/30/2024	22,660,091	22,660,091	6,231,525	-	6,231,525	16,428,566
Total	\$ 713,508,806	\$ 163,043,995	\$ 24,357,645	\$ 550,464,811	\$ 574,822,454	\$ 138,686,352

- Notes: (a) See Exhibit 3. FY 2023-2024 from Exhibit 2, Sheet 1.
 (b) See Exhibit 1, Sheet 2 for 2023 and prior.
 (c) See Exhibit 11, Sheet 1, Column (3).
 (d) Provided by the State. Losses are net of excess insurance.
 (e) [(4) + (5)]
 (f) [(2) - (6)]

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2025

WORKERS' COMPENSATION

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/24 (b)	Est Paid Losses and ALAE btw 7/1/24 and 6/30/25 (c)	Paid Losses and ALAE as of 6/30/24 (d)	Paid Losses and ALAE as of 6/30/25 (e)	Estimated Unpaid Losses and ALAE as of 6/30/25 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 93,388,715	\$ 4,687,180	\$ 520,798	\$ 88,701,535	\$ 89,222,333	\$ 4,166,382
7/1/1993 - 6/30/1994	8,100,000	72,650	8,072	8,027,350	8,035,422	64,578
7/1/1994 - 6/30/1995	15,900,000	1,699,545	188,838	14,200,455	14,389,293	1,510,707
7/1/1995 - 6/30/1996	12,560,000	421,631	421,631	12,138,369	12,560,000	-
7/1/1996 - 6/30/1997	12,400,000	360,308	163,776	12,039,692	12,203,468	196,532
7/1/1997 - 6/30/1998	10,600,000	401,246	113,396	10,198,754	10,312,150	287,850
7/1/1998 - 6/30/1999	14,500,000	1,173,085	226,385	13,326,915	13,553,300	946,700
7/1/1999 - 6/30/2000	17,750,000	1,888,164	232,389	15,861,836	16,094,225	1,655,775
7/1/2000 - 6/30/2001	20,650,000	1,956,127	190,179	18,693,873	18,884,052	1,765,948
7/1/2001 - 6/30/2002	22,000,000	2,503,680	192,591	19,496,320	19,688,911	2,311,089
7/1/2002 - 6/30/2003	20,200,000	1,725,130	103,924	18,474,870	18,578,794	1,621,206
7/1/2003 - 6/30/2004	23,900,000	2,960,932	168,235	20,939,068	21,107,303	2,792,697
7/1/2004 - 6/30/2005	21,750,000	1,822,891	60,095	19,927,109	19,987,204	1,762,796
7/1/2005 - 6/30/2006	19,500,000	1,463,333	46,702	18,036,667	18,083,369	1,416,631
7/1/2006 - 6/30/2007	24,750,000	3,918,285	197,893	20,831,715	21,029,608	3,720,392
7/1/2007 - 6/30/2008	19,400,000	2,315,778	192,982	17,084,222	17,277,204	2,122,796
7/1/2008 - 6/30/2009	21,750,000	2,799,083	321,206	18,950,917	19,272,123	2,477,877
7/1/2009 - 6/30/2010	30,500,000	7,525,880	774,723	22,974,120	23,748,843	6,751,157
7/1/2010 - 6/30/2011	30,000,000	4,596,694	401,054	25,403,306	25,804,360	4,195,640
7/1/2011 - 6/30/2012	24,250,000	2,745,604	266,240	21,504,396	21,770,636	2,479,364
7/1/2012 - 6/30/2013	27,500,000	4,152,360	346,030	23,347,640	23,693,670	3,806,330
7/1/2013 - 6/30/2014	25,000,000	4,949,781	427,138	20,050,219	20,477,357	4,522,643
7/1/2014 - 6/30/2015	25,000,000	4,908,217	325,664	20,091,783	20,417,447	4,582,553
7/1/2015 - 6/30/2016	22,500,000	6,468,978	508,479	16,031,022	16,539,501	5,960,499
7/1/2016 - 6/30/2017	18,500,000	4,268,412	342,844	14,231,588	14,574,432	3,925,568
7/1/2017 - 6/30/2018	16,000,000	5,172,732	437,400	10,827,268	11,264,668	4,735,332
7/1/2018 - 6/30/2019	15,500,000	5,286,165	428,608	10,213,835	10,642,443	4,857,557
7/1/2019 - 6/30/2020	19,000,000	8,746,783	630,646	10,253,217	10,883,863	8,116,137
7/1/2020 - 6/30/2021	18,000,000	9,069,978	942,666	8,930,022	9,872,688	8,127,312
7/1/2021 - 6/30/2022	18,000,000	10,279,731	1,221,354	7,720,269	8,941,623	9,058,377
7/1/2022 - 6/30/2023	22,000,000	11,917,423	1,716,917	10,082,577	11,799,494	10,200,506
7/1/2023 - 6/30/2024	22,660,091	16,428,566	5,733,003	6,231,525	11,964,528	10,695,563
7/1/2024 - 6/30/2025	23,362,550	23,362,550	6,424,701	-	6,424,701	16,937,849
Total	\$ 736,871,356	\$ 162,048,902	\$ 24,276,560	\$ 574,822,454	\$ 599,099,013	\$ 137,772,343

Notes: (a) See Exhibit 3. FY 2023-2024 and FY 2024-2025 from Exhibit 2, Sheet 1.

(b) See Exhibit 10, Sheet 1, Column (7).

(c) See Exhibit 11, Sheet 1, Column (4).

(d) See Exhibit 10, Sheet 1, Column (6).

(e) [(4) + (5)]

(f) [(2) - (6)]

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2026

WORKERS' COMPENSATION

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/25 (b)	Est Paid Losses and ALAE btw 7/1/25 and 6/30/26 (c)	Paid Losses and ALAE as of 6/30/25 (d)	Paid Losses and ALAE as of 6/30/26 (e)	Estimated Unpaid Losses and ALAE as of 6/30/26 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 93,388,715	\$ 4,166,382	\$ 520,798	\$ 89,222,333	\$ 89,743,131	\$ 3,645,584
7/1/1993 - 6/30/1994	8,100,000	64,578	8,072	8,035,422	8,043,494	56,506
7/1/1994 - 6/30/1995	15,900,000	1,510,707	188,838	14,389,293	14,578,131	1,321,869
7/1/1995 - 6/30/1996	12,560,000	-	-	12,560,000	12,560,000	-
7/1/1996 - 6/30/1997	12,400,000	196,532	196,531	12,203,468	12,399,999	1
7/1/1997 - 6/30/1998	10,600,000	287,850	130,841	10,312,150	10,442,991	157,009
7/1/1998 - 6/30/1999	14,500,000	946,700	267,546	13,553,300	13,820,846	679,154
7/1/1999 - 6/30/2000	17,750,000	1,655,775	319,535	16,094,225	16,413,760	1,336,240
7/1/2000 - 6/30/2001	20,650,000	1,765,948	217,347	18,884,052	19,101,399	1,548,601
7/1/2001 - 6/30/2002	22,000,000	2,311,089	224,689	19,688,911	19,913,600	2,086,400
7/1/2002 - 6/30/2003	20,200,000	1,621,206	124,708	18,578,794	18,703,502	1,496,498
7/1/2003 - 6/30/2004	23,900,000	2,792,697	168,235	21,107,303	21,275,538	2,624,462
7/1/2004 - 6/30/2005	21,750,000	1,762,796	100,159	19,987,204	20,087,363	1,662,637
7/1/2005 - 6/30/2006	19,500,000	1,416,631	46,702	18,083,369	18,130,071	1,369,929
7/1/2006 - 6/30/2007	24,750,000	3,720,392	118,736	21,029,608	21,148,344	3,601,656
7/1/2007 - 6/30/2008	19,400,000	2,122,796	107,212	17,277,204	17,384,416	2,015,584
7/1/2008 - 6/30/2009	21,750,000	2,477,877	206,490	19,272,123	19,478,613	2,271,387
7/1/2009 - 6/30/2010	30,500,000	6,751,157	774,723	23,748,843	24,523,566	5,976,434
7/1/2010 - 6/30/2011	30,000,000	4,195,640	431,904	25,804,360	26,236,264	3,763,736
7/1/2011 - 6/30/2012	24,250,000	2,479,364	216,320	21,770,636	21,986,956	2,263,044
7/1/2012 - 6/30/2013	27,500,000	3,806,330	369,099	23,693,670	24,062,769	3,437,231
7/1/2013 - 6/30/2014	25,000,000	4,522,643	376,887	20,477,357	20,854,244	4,145,756
7/1/2014 - 6/30/2015	25,000,000	4,582,553	395,449	20,417,447	20,812,896	4,187,104
7/1/2015 - 6/30/2016	22,500,000	5,960,499	395,483	16,539,501	16,934,984	5,565,016
7/1/2016 - 6/30/2017	18,500,000	3,925,568	308,560	14,574,432	14,882,992	3,617,008
7/1/2017 - 6/30/2018	16,000,000	4,735,332	380,348	11,264,668	11,645,016	4,354,984
7/1/2018 - 6/30/2019	15,500,000	4,857,557	410,749	10,642,443	11,053,192	4,446,808
7/1/2019 - 6/30/2020	19,000,000	8,116,137	658,065	10,883,863	11,541,928	7,458,072
7/1/2020 - 6/30/2021	18,000,000	8,127,312	585,982	9,872,688	10,458,670	7,541,330
7/1/2021 - 6/30/2022	18,000,000	9,058,377	941,461	8,941,623	9,883,084	8,116,916
7/1/2022 - 6/30/2023	22,000,000	10,200,506	1,211,941	11,799,494	13,011,435	8,988,565
7/1/2023 - 6/30/2024	22,660,091	10,695,563	1,540,886	11,964,528	13,505,414	9,154,677
7/1/2024 - 6/30/2025	23,362,550	16,937,849	5,910,725	6,424,701	12,335,426	11,027,124
7/1/2025 - 6/30/2026	24,086,793	24,086,793	6,623,868	-	6,623,868	17,462,925
Total	\$ 760,958,149	\$ 161,859,136	\$ 24,478,890	\$ 599,099,013	\$ 623,577,902	\$ 137,380,247

Notes: (a) See Exhibit 3. FY 2023-2024, FY 2024-2025, and FY 2025-2026 from Exhibit 2, Sheet 1.

(b) See Exhibit 10, Sheet 2, Column (7).

(c) See Exhibit 11, Sheet 1, Column (5).

(d) See Exhibit 10, Sheet 2, Column (6).

(e) [(4) + (5)]

(f) [(2) - (6)]

STATE OF ALASKA

PROJECTED FISCAL CALENDAR YEAR PAYOUTS

WORKERS' COMPENSATION

Fiscal Year	Estimated Unpaid Losses and ALAE as of 6/30/23 (a)	Fiscal Calendar Year Payments (b)											
		7/1/23 - 6/30/24	7/1/24 - 6/30/25	7/1/25 - 6/30/26	7/1/26 - 6/30/27	7/1/27 - 6/30/28	7/1/28 - 6/30/29	7/1/29 - 6/30/30	7/1/30 - 6/30/31	7/1/31 - 6/30/32	7/1/32 - 6/30/33	7/1/33 - 6/30/34	7/1/34 - 6/30/35
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Prior	\$ 5,207,978	\$ 520,798	\$ 520,798	\$ 520,798	\$ 520,798	\$ 520,798	\$ 520,798	\$ 520,798	\$ 520,798	\$ 520,798	\$ 520,798	\$ -	\$ -
7/1/1993 - 6/30/1994	80,722	8,072	8,072	8,072	8,072	8,072	8,072	8,072	8,072	8,072	8,072	-	-
7/1/1994 - 6/30/1995	1,888,384	188,838	188,838	188,838	188,838	188,838	188,838	188,838	188,838	188,838	188,838	-	-
7/1/1995 - 6/30/1996	772,991	351,360	421,631	-	-	-	-	-	-	-	-	-	-
7/1/1996 - 6/30/1997	502,247	141,939	163,776	196,531	-	-	-	-	-	-	-	-	-
7/1/1997 - 6/30/1998	497,196	95,950	113,396	130,841	157,009	-	-	-	-	-	-	-	-
7/1/1998 - 6/30/1999	1,337,729	164,644	226,385	267,546	308,707	370,448	-	-	-	-	-	-	-
7/1/1999 - 6/30/2000	2,091,504	203,341	232,389	319,535	377,633	435,730	522,876	-	-	-	-	-	-
7/1/2000 - 6/30/2001	2,119,137	163,011	190,179	217,347	298,853	353,190	407,526	489,032	-	-	-	-	-
7/1/2001 - 6/30/2002	2,664,172	160,492	192,591	224,689	256,788	353,083	417,280	481,477	577,772	-	-	-	-
7/1/2002 - 6/30/2003	1,829,054	103,924	103,924	124,708	145,493	166,278	228,632	270,201	311,771	374,125	-	-	-
7/1/2003 - 6/30/2004	3,061,872	100,941	168,235	168,235	201,882	235,529	269,176	370,116	437,410	504,704	605,645	-	-
7/1/2004 - 6/30/2005	1,882,986	60,095	60,095	100,159	100,159	120,191	140,222	160,254	220,349	260,413	300,476	360,572	-
7/1/2005 - 6/30/2006	1,541,169	77,837	46,702	46,702	77,837	77,837	93,404	108,972	124,539	171,241	202,376	233,510	280,213
7/1/2006 - 6/30/2007	4,274,493	356,208	197,893	118,736	118,736	197,893	197,893	237,472	277,050	316,629	435,365	514,522	593,680
7/1/2007 - 6/30/2008	2,615,972	300,194	192,982	107,212	64,327	64,327	107,212	107,212	128,654	150,097	171,539	235,866	278,751
7/1/2008 - 6/30/2009	3,120,289	321,206	321,206	206,490	114,717	68,830	68,830	114,717	114,717	137,660	160,603	183,546	252,376
7/1/2009 - 6/30/2010	8,245,266	719,386	774,723	774,723	498,036	276,687	166,012	166,012	276,687	276,687	332,024	387,361	442,699
7/1/2010 - 6/30/2011	5,090,299	493,605	401,054	431,904	431,904	277,653	154,251	92,551	92,551	154,251	154,251	185,102	215,952
7/1/2011 - 6/30/2012	2,995,204	249,600	266,240	216,320	232,960	232,960	149,760	83,200	49,920	49,920	83,200	83,200	99,840
7/1/2012 - 6/30/2013	4,544,527	392,167	346,030	369,099	299,893	322,961	322,961	207,618	115,343	69,206	69,206	115,343	115,343
7/1/2013 - 6/30/2014	5,301,542	351,761	427,138	376,887	402,013	326,635	351,761	351,761	226,132	125,629	75,377	75,377	125,629
7/1/2014 - 6/30/2015	5,326,927	418,710	325,664	395,449	348,925	372,187	302,402	325,664	325,664	209,355	116,308	69,785	69,785
7/1/2015 - 6/30/2016	7,033,954	564,976	508,479	395,483	480,230	423,732	451,981	367,235	395,483	395,483	254,239	141,244	84,746
7/1/2016 - 6/30/2017	4,662,682	394,271	342,844	308,560	239,991	291,418	257,133	274,275	222,849	239,991	239,991	154,280	85,711
7/1/2017 - 6/30/2018	5,629,150	456,418	437,400	380,348	342,313	266,244	323,296	285,261	304,278	247,226	266,244	266,244	171,157
7/1/2018 - 6/30/2019	5,696,914	410,749	428,608	410,749	357,173	321,456	250,021	303,597	267,880	285,739	232,163	250,021	250,021
7/1/2019 - 6/30/2020	9,761,300	1,014,517	630,646	658,065	630,646	548,388	493,549	383,871	466,129	411,291	438,710	356,452	383,871
7/1/2020 - 6/30/2021	10,292,897	1,222,918	942,666	585,982	611,459	585,982	509,549	458,594	356,685	433,117	382,162	407,639	331,207
7/1/2021 - 6/30/2022	12,009,983	1,730,252	1,221,354	941,461	585,232	610,677	585,232	508,898	458,008	356,228	432,563	381,673	407,118
7/1/2022 - 6/30/2023	18,305,364	6,387,941	1,716,917	1,211,941	934,205	580,722	605,971	580,722	504,976	454,478	353,483	429,229	378,732
7/1/2023 - 6/30/2024	22,660,091	6,231,525	5,733,003	1,540,886	1,087,684	838,423	521,182	543,842	521,182	453,202	407,882	317,241	385,222
7/1/2024 - 6/30/2025	23,362,550	-	6,424,701	5,910,725	1,588,653	1,121,402	864,414	537,339	560,701	537,339	467,251	420,526	327,076
7/1/2025 - 6/30/2026	24,086,793	-	-	6,623,868	6,093,959	1,637,902	1,156,166	891,211	553,996	578,083	553,996	481,736	433,562
Total	\$210,493,338	\$ 24,357,645	\$ 24,276,560	\$ 24,478,890	\$ 18,105,124	\$ 12,196,472	\$ 10,636,403	\$ 9,418,812	\$ 8,608,435	\$ 7,909,802	\$ 7,452,764	\$ 6,050,472	\$ 5,712,691

Notes: (a) See Exhibit 1, Sheet 2 through 6/30/2023. See Exhibit 2, Sheet 1 for fiscal years beginning July 1, 2023 through June 30, 2026.
(b) Estimated reserve payout based on selected payment pattern in Exhibit 4, Sheet 1.

STATE OF ALASKA

PROJECTED FISCAL CALENDAR YEAR PAYOUTS

WORKERS' COMPENSATION

Fiscal Year	Fiscal Calendar Year Payments (b)												
	7/1/35 - 6/30/36	7/1/36 - 6/30/37	7/1/37 - 6/30/38	7/1/38 - 6/30/39	7/1/39 - 6/30/40	7/1/40 - 6/30/41	7/1/41 - 6/30/42	7/1/42 - 6/30/43	7/1/43 - 6/30/44	7/1/44 - 6/30/45	7/1/45 - 6/30/46	7/1/46 - 6/30/47	7/1/47 - 6/30/48
(1)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)
Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7/1/1993 - 6/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1994 - 6/30/1995	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1995 - 6/30/1996	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1996 - 6/30/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1997 - 6/30/1998	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1998 - 6/30/1999	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1999 - 6/30/2000	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2000 - 6/30/2001	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2001 - 6/30/2002	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2002 - 6/30/2003	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2003 - 6/30/2004	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2004 - 6/30/2005	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2005 - 6/30/2006	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2006 - 6/30/2007	712,416	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2007 - 6/30/2008	321,636	385,963	-	-	-	-	-	-	-	-	-	-	-
7/1/2008 - 6/30/2009	298,263	344,150	412,979	-	-	-	-	-	-	-	-	-	-
7/1/2009 - 6/30/2010	608,711	719,386	830,060	996,072	-	-	-	-	-	-	-	-	-
7/1/2010 - 6/30/2011	246,802	339,353	401,054	462,754	555,305	-	-	-	-	-	-	-	-
7/1/2011 - 6/30/2012	116,480	133,120	183,040	216,320	249,600	299,520	-	-	-	-	-	-	-
7/1/2012 - 6/30/2013	138,412	161,481	184,549	253,755	299,893	346,030	415,236	-	-	-	-	-	-
7/1/2013 - 6/30/2014	125,629	150,755	175,881	201,006	276,384	326,635	376,887	452,264	-	-	-	-	-
7/1/2014 - 6/30/2015	116,308	116,308	139,570	162,832	186,094	255,879	302,402	348,925	418,710	-	-	-	-
7/1/2015 - 6/30/2016	84,746	141,244	141,244	169,493	197,742	225,990	310,737	367,235	423,732	508,479	-	-	-
7/1/2016 - 6/30/2017	51,427	51,427	85,711	85,711	102,853	119,995	137,138	188,564	222,849	257,133	308,560	-	-
7/1/2017 - 6/30/2018	95,087	57,052	57,052	95,087	95,087	114,104	133,122	152,139	209,191	247,226	285,261	342,313	-
7/1/2018 - 6/30/2019	160,728	89,293	53,576	53,576	89,293	89,293	107,152	125,011	142,869	196,445	232,163	267,880	321,456
7/1/2019 - 6/30/2020	383,871	246,774	137,097	82,258	82,258	137,097	137,097	164,516	191,936	219,355	301,613	356,452	411,291
7/1/2020 - 6/30/2021	356,685	356,685	229,297	127,387	76,432	76,432	127,387	152,865	178,342	203,820	280,252	331,207	-
7/1/2021 - 6/30/2022	330,783	356,228	356,228	229,004	127,224	76,335	76,335	127,224	127,224	152,669	178,114	203,559	279,894
7/1/2022 - 6/30/2023	403,980	328,234	353,483	353,483	227,239	126,244	75,746	75,746	126,244	126,244	151,493	176,741	201,990
7/1/2023 - 6/30/2024	339,901	362,561	294,581	317,241	317,241	203,941	113,300	67,980	67,980	113,300	113,300	135,961	158,621
7/1/2024 - 6/30/2025	397,163	350,438	373,801	303,713	327,076	327,076	210,263	116,813	70,088	70,088	116,813	116,813	140,175
7/1/2025 - 6/30/2026	337,215	409,475	361,302	385,389	313,128	337,215	337,215	216,781	120,434	72,260	72,260	120,434	120,434
Total	\$ 5,626,245	\$ 5,099,928	\$ 4,770,506	\$ 4,495,083	\$ 3,522,850	\$ 3,061,787	\$ 2,860,017	\$ 2,530,587	\$ 2,274,123	\$ 2,141,542	\$ 1,963,397	\$ 2,000,405	\$ 1,965,068

Notes: (a) See Exhibit 1, Sheet 2 through 6/30/2023. See Exhibit 2, Sheet 1 for fiscal years beginning July 1, 2023 through June 30, 2026.
(b) Estimated reserve payout based on selected payment pattern in Exhibit 4, Sheet 1.

STATE OF ALASKA
PROJECTED FISCAL CALENDAR YEAR PAYOUTS
WORKERS' COMPENSATION

Fiscal Year	Fiscal Calendar Year Payments (b)							
	7/1/48 - 6/30/49	7/1/49 - 6/30/50	7/1/50 - 6/30/51	7/1/51 - 6/30/52	7/1/52 - 6/30/53	7/1/53 - 6/30/54	7/1/54 - 6/30/55	7/1/55 - 6/30/56
(1)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)
Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7/1/1993 - 6/30/1994	-	-	-	-	-	-	-	-
7/1/1994 - 6/30/1995	-	-	-	-	-	-	-	-
7/1/1995 - 6/30/1996	-	-	-	-	-	-	-	-
7/1/1996 - 6/30/1997	-	-	-	-	-	-	-	-
7/1/1997 - 6/30/1998	-	-	-	-	-	-	-	-
7/1/1998 - 6/30/1999	-	-	-	-	-	-	-	-
7/1/1999 - 6/30/2000	-	-	-	-	-	-	-	-
7/1/2000 - 6/30/2001	-	-	-	-	-	-	-	-
7/1/2001 - 6/30/2002	-	-	-	-	-	-	-	-
7/1/2002 - 6/30/2003	-	-	-	-	-	-	-	-
7/1/2003 - 6/30/2004	-	-	-	-	-	-	-	-
7/1/2004 - 6/30/2005	-	-	-	-	-	-	-	-
7/1/2005 - 6/30/2006	-	-	-	-	-	-	-	-
7/1/2006 - 6/30/2007	-	-	-	-	-	-	-	-
7/1/2007 - 6/30/2008	-	-	-	-	-	-	-	-
7/1/2008 - 6/30/2009	-	-	-	-	-	-	-	-
7/1/2009 - 6/30/2010	-	-	-	-	-	-	-	-
7/1/2010 - 6/30/2011	-	-	-	-	-	-	-	-
7/1/2011 - 6/30/2012	-	-	-	-	-	-	-	-
7/1/2012 - 6/30/2013	-	-	-	-	-	-	-	-
7/1/2013 - 6/30/2014	-	-	-	-	-	-	-	-
7/1/2014 - 6/30/2015	-	-	-	-	-	-	-	-
7/1/2015 - 6/30/2016	-	-	-	-	-	-	-	-
7/1/2016 - 6/30/2017	-	-	-	-	-	-	-	-
7/1/2017 - 6/30/2018	-	-	-	-	-	-	-	-
7/1/2018 - 6/30/2019	-	-	-	-	-	-	-	-
7/1/2019 - 6/30/2020	493,549	-	-	-	-	-	-	-
7/1/2020 - 6/30/2021	382,162	458,594	-	-	-	-	-	-
7/1/2021 - 6/30/2022	330,783	381,673	458,008	-	-	-	-	-
7/1/2022 - 6/30/2023	277,737	328,234	378,732	454,478	-	-	-	-
7/1/2023 - 6/30/2024	181,281	249,261	294,581	339,901	407,882	-	-	-
7/1/2024 - 6/30/2025	163,538	186,900	256,988	303,713	350,438	420,526	-	-
7/1/2025 - 6/30/2026	144,521	168,608	192,694	264,955	313,128	361,302	433,562	-
Total	\$ 1,973,570	\$ 1,773,271	\$ 1,581,003	\$ 1,363,047	\$ 1,071,448	\$ 781,828	\$ 433,562	\$ -

Notes: (a) See Exhibit 1, Sheet 2 through 6/30/2023. See Exhibit 2, Sheet 1 for fiscal years beginning July 1, 2023 through June 30, 2026.
(b) Estimated reserve payout based on selected payment pattern in Exhibit 4, Sheet 1.

STATE OF ALASKA

SIZE OF LOSS DISTRIBUTION

WORKERS' COMPENSATION

Fiscal Year	\$0	\$0.01-\$5,000	\$5,000-\$10,000	\$10,000-\$25,000	\$25,000-\$50,000	\$50,000-\$100,000	\$100,000-\$250,000	\$250,000-\$500,000	\$500,000-\$750,000	\$750,000-\$1,000,000	Over \$1,000,000	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Reported Claim Counts												
Prior	7,112	24,738	1,639	1,597	1,056	677	501	137	51	20	50	37,578
7/1/2010 - 6/30/2011	126	754	87	105	63	51	41	13	-	-	3	1,243
7/1/2011 - 6/30/2012	135	751	109	100	65	69	32	9	4	1	-	1,275
7/1/2012 - 6/30/2013	91	719	100	101	56	51	41	11	4	-	3	1,177
7/1/2013 - 6/30/2014	100	718	92	107	58	51	28	8	1	1	5	1,169
7/1/2014 - 6/30/2015	107	640	95	79	58	54	26	8	3	2	2	1,074
7/1/2015 - 6/30/2016	67	613	94	106	58	31	18	4	3	-	3	997
7/1/2016 - 6/30/2017	71	592	88	76	46	45	20	4	2	3	-	947
7/1/2017 - 6/30/2018	88	583	92	80	41	38	25	1	-	-	-	948
7/1/2018 - 6/30/2019	99	695	87	67	59	32	16	3	-	-	-	1,058
7/1/2019 - 6/30/2020	87	515	57	60	32	39	17	4	-	1	-	812
7/1/2020 - 6/30/2021	150	400	55	65	44	38	9	1	1	1	-	764
7/1/2021 - 6/30/2022	183	431	36	54	30	28	18	3	1	-	-	784
7/1/2022 - 6/30/2023	111	177	121	134	62	31	18	3	-	-	2	659
Total	8,527	32,326	2,752	2,731	1,728	1,235	810	209	70	29	68	50,485
Reported Losses												
Prior	\$ -	\$ 19,515,707	\$ 11,606,050	\$ 25,942,726	\$ 37,714,763	\$ 47,468,537	\$ 76,715,722	\$ 48,138,316	\$ 30,039,692	\$ 17,403,912	\$ 89,435,293	\$ 403,980,718
7/1/2010 - 6/30/2011	-	968,048	606,292	1,745,764	2,212,675	3,579,296	6,720,351	4,295,729	-	-	8,419,544	28,547,699
7/1/2011 - 6/30/2012	-	936,826	760,530	1,587,063	2,336,058	4,931,037	5,122,752	2,941,318	2,251,078	873,774	-	21,740,434
7/1/2012 - 6/30/2013	-	931,700	742,822	1,616,543	2,007,542	3,601,665	6,063,396	3,651,738	2,430,152	-	4,742,572	25,788,129
7/1/2013 - 6/30/2014	-	1,023,013	668,070	1,719,218	2,059,564	3,410,941	4,025,936	2,810,925	674,752	762,801	6,357,374	23,512,593
7/1/2014 - 6/30/2015	-	898,380	669,679	1,375,487	2,095,438	3,823,609	6,699,576	2,902,944	1,661,570	1,708,364	3,689,775	22,423,685
7/1/2015 - 6/30/2016	-	883,558	662,397	1,682,621	2,031,202	2,203,581	2,748,274	1,402,956	1,798,535	-	6,684,450	20,097,574
7/1/2016 - 6/30/2017	-	800,969	620,958	1,242,599	1,569,107	3,114,683	3,038,128	1,160,666	1,096,871	2,668,214	-	15,312,195
7/1/2017 - 6/30/2018	-	777,541	644,664	1,258,494	1,437,342	2,709,576	3,781,305	315,472	-	-	-	10,924,393
7/1/2018 - 6/30/2019	-	898,877	620,636	1,116,935	2,016,683	2,267,544	2,567,574	1,167,634	-	-	-	10,655,884
7/1/2019 - 6/30/2020	-	687,845	408,785	949,609	1,158,042	2,756,048	2,431,888	1,486,239	-	983,554	-	10,862,009
7/1/2020 - 6/30/2021	-	519,523	401,149	1,100,692	1,571,242	2,585,368	1,272,820	325,279	587,372	852,873	-	9,216,317
7/1/2021 - 6/30/2022	-	496,022	242,423	909,403	1,150,968	2,039,228	2,516,139	830,130	645,520	-	-	8,829,832
7/1/2022 - 6/30/2023	-	224,248	985,673	2,193,661	2,155,245	2,206,992	2,339,783	823,028	-	-	5,415,203	16,343,834
Total	\$ -	\$ 29,562,258	\$ 19,640,126	\$ 44,440,815	\$ 61,515,871	\$ 86,698,104	\$ 122,942,505	\$ 72,252,373	\$ 41,185,542	\$ 25,253,491	\$ 124,744,212	\$ 628,235,297

Based on data provided by the State.

STATE OF ALASKA

SELF-INSURED RETENTIONS BY FISCAL YEAR

WORKERS' COMPENSATION

Fiscal Year	Statutory Workers' Compensation	AMHS Crew Workers' Compensation
(1)	(2)	(3)
7/1/1980 - 6/30/1981	\$ 300,000	\$ -
7/1/1981 - 6/30/1982	300,000	100,000
7/1/1982 - 6/30/1983	300,000	300,000
7/1/1983 - 6/30/1984	300,000	100,000
7/1/1984 - 6/30/1985	200,000	50,000
7/1/1985 - 6/30/1986	1,500,000	50,000
7/1/1986 - 6/30/1987	5,000,000	100,000
7/1/1987 - 6/30/1988 through 7/1/1990 - 6/30/1991	5,000,000	1,000,000
7/1/1991 - 6/30/1992	Unlimited	1,000,000
7/1/1992 - 6/30/1993 through 7/1/2000 - 6/30/2001	Unlimited	N/A
7/1/2001 - 6/30/2002	Unlimited	N/A
7/1/2002 - 6/30/2003 through Current	Unlimited	Unlimited

Retentions provided by the State.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2023

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)] (4)
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9710	-
7/1/04-6/30/05	-	0.9569	-
7/1/05-6/30/06	-	0.9516	-
7/1/06-6/30/07	-	0.9469	-
7/1/07-6/30/08	-	0.9413	-
7/1/08-6/30/09	-	0.9349	-
7/1/09-6/30/10	-	0.9303	-
7/1/10-6/30/11	109,374	0.9290	101,608
7/1/11-6/30/12	-	0.9258	-
7/1/12-6/30/13	285,357	0.9248	263,898
7/1/13-6/30/14	714,658	0.9222	659,058
7/1/14-6/30/15	273,974	0.9120	249,864
7/1/15-6/30/16	227,830	0.9016	205,412
7/1/16-6/30/17	582,531	0.8966	522,297
7/1/17-6/30/18	2,097,797	0.8997	1,887,388
7/1/18-6/30/19	5,236,084	0.9151	4,791,540
7/1/19-6/30/20	3,646,616	0.9085	3,312,951
7/1/20-6/30/21	4,825,809	0.9033	4,359,153
7/1/21-6/30/22	7,283,862	0.9084	6,616,660
7/1/22-6/30/23	8,571,126	0.8960	7,679,729
Total	\$ 33,855,018		\$ 30,649,558

Notes: (a) See Sheet 2.
(b) See Exhibit 9.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2024

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9710	-
7/1/05-6/30/06	-	0.9569	-
7/1/06-6/30/07	-	0.9516	-
7/1/07-6/30/08	-	0.9469	-
7/1/08-6/30/09	-	0.9413	-
7/1/09-6/30/10	-	0.9349	-
7/1/10-6/30/11	74,999	0.9303	69,772
7/1/11-6/30/12	-	0.9290	-
7/1/12-6/30/13	199,750	0.9258	184,929
7/1/13-6/30/14	515,733	0.9248	476,950
7/1/14-6/30/15	223,323	0.9222	205,948
7/1/15-6/30/16	190,928	0.9120	174,126
7/1/16-6/30/17	469,997	0.9016	423,749
7/1/17-6/30/18	1,564,459	0.8966	1,402,694
7/1/18-6/30/19	3,286,478	0.8997	2,956,844
7/1/19-6/30/20	2,892,674	0.9151	2,647,086
7/1/20-6/30/21	3,831,546	0.9085	3,480,960
7/1/21-6/30/22	5,170,589	0.9033	4,670,593
7/1/22-6/30/23	7,408,342	0.9084	6,729,738
7/1/23-6/30/24	8,669,874	0.8960	7,768,207
Total	\$ 34,498,692		\$ 31,191,596

Notes: (a) See Exhibit 10, Sheet 1.
(b) See Exhibit 9.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2025

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)] (4)
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9710	-
7/1/06-6/30/07	-	0.9569	-
7/1/07-6/30/08	-	0.9516	-
7/1/08-6/30/09	-	0.9469	-
7/1/09-6/30/10	-	0.9413	-
7/1/10-6/30/11	53,124	0.9349	49,666
7/1/11-6/30/12	-	0.9303	-
7/1/12-6/30/13	142,679	0.9290	132,549
7/1/13-6/30/14	361,013	0.9258	334,226
7/1/14-6/30/15	161,161	0.9248	149,042
7/1/15-6/30/16	155,630	0.9222	143,522
7/1/16-6/30/17	393,871	0.9120	359,210
7/1/17-6/30/18	1,262,234	0.9016	1,138,030
7/1/18-6/30/19	2,450,933	0.8966	2,197,507
7/1/19-6/30/20	1,815,614	0.8997	1,633,508
7/1/20-6/30/21	3,039,370	0.9151	2,781,327
7/1/21-6/30/22	4,105,292	0.9085	3,729,658
7/1/22-6/30/23	5,258,954	0.9033	4,750,413
7/1/23-6/30/24	7,493,694	0.9084	6,807,272
7/1/24-6/30/25	9,133,686	0.8960	8,183,783
Total	\$ 35,827,255		\$ 32,389,713

Notes: (a) See Exhibit 10, Sheet 2.
(b) See Exhibit 9.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2026

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)] (4)
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9710	-
7/1/07-6/30/08	-	0.9569	-
7/1/08-6/30/09	-	0.9516	-
7/1/09-6/30/10	-	0.9469	-
7/1/10-6/30/11	37,499	0.9413	35,298
7/1/11-6/30/12	-	0.9349	-
7/1/12-6/30/13	97,837	0.9303	91,018
7/1/13-6/30/14	257,866	0.9290	239,558
7/1/14-6/30/15	112,813	0.9258	104,442
7/1/15-6/30/16	112,310	0.9248	103,864
7/1/16-6/30/17	321,055	0.9222	296,077
7/1/17-6/30/18	1,057,788	0.9120	964,703
7/1/18-6/30/19	1,977,457	0.9016	1,782,875
7/1/19-6/30/20	1,354,017	0.8966	1,214,012
7/1/20-6/30/21	1,907,689	0.8997	1,716,348
7/1/21-6/30/22	3,256,519	0.9151	2,980,041
7/1/22-6/30/23	4,175,451	0.9085	3,793,397
7/1/23-6/30/24	5,319,543	0.9033	4,805,143
7/1/24-6/30/25	7,894,584	0.9084	7,171,440
7/1/25-6/30/26	9,619,513	0.8960	8,619,084
Total	\$ 37,501,941		\$ 33,917,300

Notes: (a) See Exhibit 10, Sheet 3.
(b) See Exhibit 9.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM
AS OF JUNE 30, 2023

DEVELOPMENT OF LIMITED UNDISCOUNTED RESERVES FOR LOSSES AND ALAE

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Reported Losses and ALAE (b)	Paid Losses and ALAE (b)	Case Reserves for Losses and ALAE [(3) - (4)]	IBNR Reserves for Losses and ALAE [(2) - (3)]	Total Reserves for Losses and ALAE [(5) + (6)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 63,684,782	\$ 63,684,782	\$ 63,684,782	\$ -	\$ -	\$ -
7/1/93-6/30/94	4,976,166	4,976,166	4,976,166	-	-	-
7/1/94-6/30/95	5,410,121	5,410,121	5,410,121	-	-	-
7/1/95-6/30/96	5,965,379	5,965,379	5,965,379	-	-	-
7/1/96-6/30/97	2,841,160	2,841,160	2,841,160	-	-	-
7/1/97-6/30/98	4,723,762	4,723,762	4,723,762	-	-	-
7/1/98-6/30/99	5,326,902	5,326,902	5,326,902	-	-	-
7/1/99-6/30/00	7,452,753	7,452,753	7,452,753.3	-	-	-
7/1/00-6/30/01	4,494,274	4,494,274	4,494,274	-	-	-
7/1/01-6/30/02	3,307,516	3,307,516	3,307,516	-	-	-
7/1/02-6/30/03	4,486,732	4,486,732	4,486,732	-	-	-
7/1/03-6/30/04	7,602,806	7,602,806	7,602,806	-	-	-
7/1/04-6/30/05	6,965,192	6,965,192	6,965,192	-	-	-
7/1/05-6/30/06	8,915,797	8,915,797	8,915,797	-	-	-
7/1/06-6/30/07	6,147,446	6,147,446	6,147,446	-	-	-
7/1/07-6/30/08	6,139,796	6,139,796	6,139,796	-	-	-
7/1/08-6/30/09	2,691,140	2,691,140	2,691,140	-	-	-
7/1/09-6/30/10	1,370,478	1,370,478	1,370,478	-	-	-
7/1/10-6/30/11	9,710,000	9,617,112	9,600,627	16,486	92,888	109,374
7/1/11-6/30/12	7,214,783	7,214,783	7,214,783	-	-	-
7/1/12-6/30/13	3,350,000	3,074,449	3,064,643	9,806	275,551	285,357
7/1/13-6/30/14	4,900,000	4,643,945	4,185,341	458,603	256,055	714,658
7/1/14-6/30/15	3,000,000	2,726,026	2,726,026	-	273,974	273,974
7/1/15-6/30/16	6,600,000	6,372,170	6,372,170	-	227,830	227,830
7/1/16-6/30/17	4,900,000	4,470,935	4,317,469	153,466	429,065	582,531
7/1/17-6/30/18	12,000,000	11,198,356	9,902,203	1,296,153	801,644	2,097,797
7/1/18-6/30/19	18,500,000	17,608,548	13,263,916	4,344,632	891,452	5,236,084
7/1/19-6/30/20	6,200,000	4,410,813	2,553,384	1,857,429	1,789,187	3,646,616
7/1/20-6/30/21	8,000,000	3,646,801	3,174,192	472,610	4,353,199	4,825,809
7/1/21-6/30/22	7,750,000	1,286,392	466,138	820,254	6,463,608	7,283,862
7/1/22-6/30/23	8,750,000	931,861	178,874	752,987	7,818,139	8,571,126
Total	\$ 253,376,985	\$ 229,704,394	\$ 219,521,968	\$ 10,182,426	\$ 23,672,592	\$ 33,855,018

Notes: (a) See Exhibit 3.
(b) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM AS OF JUNE 30, 2023

RECONCILIATION OF RESERVE BALANCE

(1) Reserve Balance (Undiscounted) as of June 30, 2022 (a)	\$ 32,805,955
(2) Reserve as of June 30, 2023 for accidents that occurred between July 1, 2022 and June 30, 2023 (b)	8,571,126
(3) Change in Case Reserves on accidents that occurred prior to July 1, 2022 (c)	(784,780)
(4) Change in IBNR (d)	(6,737,283)
(5) Reserve Balance (Undiscounted) as of June 30, 2023 [(1) + (2) + (3) + (4)]	\$ 33,855,017
(6) Payments between July 1, 2022 and June 30, 2023 on accidents that occurred prior to July 1, 2022 (c)	\$ 7,576,298
(7) Change in Actuarial Estimates [(3) + (4) + (6)]	\$ 54,235

Notes: (a) See June 30, 2022 actuarial report.

(b) See Sheet 2 for period 7/1/22-6/30/23.

(c) Based on data provided by the State.

(d) Balancing item. Reflects changes in IBNR for accidents prior to 7/1/22.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM

DEVELOPMENT OF FUTURE FUNDING AMOUNTS AS OF JUNE 30, 2023

UNLIMITED RETENTION

Self Funded Period	Selected Loss Cost at 7/1/23 Level (a)	Trend Factor (b)	Adjusted Loss Cost [(2) × (3)]	Projected Population (c)	Expected Unlimited Funding Amount [(4) × (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/23-6/30/24	\$ 11.50	1.050	\$ 12.08	737,926	\$ 8,910,456
7/1/24-6/30/25	11.50	1.103	12.68	740,369	9,387,139
7/1/25-6/30/26	11.50	1.158	13.31	742,616	9,886,447

AT \$1,000,000 RETENTION

Self Funded Period	Expected Unlimited Funding Amount (d)	Retention Factor (e)	Expected Funding Amount at Retained Limits [(8) × (9)]
(7)	(8)	(9)	(10)
7/1/23-6/30/24	\$ 8,910,456	0.720	\$ 6,415,528
7/1/24-6/30/25	9,387,139	0.720	6,758,740
7/1/25-6/30/26	9,886,447	0.720	7,118,242

- Notes: (a) See Sheet 2.
 (b) Based on an assumed annual trend of 5.0%.
 (c) Based on data provided by the State.
 (d) Column (6) above.
 (e) Based on industry increased limits factors for Alaska.

STATE OF ALASKA
GENERAL LIABILITY PROGRAM
AS OF JUNE 30, 2023

DEVELOPMENT OF UNLIMITED PROJECTED LOSS RATES

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Population (b)	Factor to Adjust to Current Level Trend (c)	Indicated Loss Rate (d)
(1)	(2)	(3)	(4)	(5)
7/1/02-6/30/03	\$ 4,486,732	647,188	2.655	\$ 18.41
7/1/03-6/30/04	7,602,806	656,569	2.529	29.28
7/1/04-6/30/05	6,965,192	663,085	2.409	25.30
7/1/05-6/30/06	8,915,797	669,716	2.294	30.54
7/1/06-6/30/07	6,147,446	674,510	2.185	19.91
7/1/07-6/30/08	6,139,796	679,720	2.081	18.80
7/1/08-6/30/09	2,691,140	692,314	1.982	7.70
7/1/09-6/30/10	1,370,478	714,142	1.888	3.62
7/1/10-6/30/11	9,710,000	723,147	1.798	24.14
7/1/11-6/30/12	7,214,783	732,298	1.712	16.87
7/1/12-6/30/13	3,350,000	739,998	1.630	7.38
7/1/13-6/30/14	4,900,000	747,668	1.552	10.17
7/1/14-6/30/15	3,000,000	755,310	1.478	5.87
7/1/15-6/30/16	6,600,000	744,623	1.408	12.48
7/1/16-6/30/17	4,900,000	751,471	1.341	8.74
7/1/17-6/30/18	12,000,000	758,259	1.277	20.21
7/1/18-6/30/19	18,500,000	731,007	1.216	30.77
7/1/19-6/30/20	6,200,000	731,566	1.158	9.81
7/1/20-6/30/21	8,000,000	734,323	1.103	12.02
7/1/21-6/30/22	7,750,000	732,463	1.050	11.11
7/1/22-6/30/23	8,750,000	735,299	1.000	11.90
Total/Wght Avg	\$ 145,194,170	15,014,676		\$ 15.74
(7) Straight average all				\$ 15.95
(8) Straight average last 5				15.12
(9) Straight average last 3				11.68
(10) Exposure weighted-average all				15.74
(11) Exposure weighted-average last 5				15.11
(12) Exposure weighted-average last 3				11.68
(13) Selected Current Level Loss Cost				\$ 11.50

Notes: (a) See Exhibit 3.
(b) Provided by the State.
(c) Based on an assumed trend of 5.0% per annum.
(d) [(2) × (4) ÷ (3)]

STATE OF ALASKA

GENERAL LIABILITY PROGRAM
AS OF JUNE 30, 2023

SELECTED ULTIMATE LOSSES AND ALAE

Fiscal Year	Projected Ultimate Losses and ALAE based on data through June 30, 2023					Paid Losses and ALAE (e)	Reported Losses and ALAE (e)	Prior Selected (f)	Selected (g)
	Reported Method (a)	Paid Method (a)	Unreported Method (b)	Unpaid Method (c)	Expected Method (d)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Prior						\$ 63,684,782	\$ 63,684,782	\$ 63,684,782	\$ 63,684,782 (g)
7/1/93-6/30/94	\$ 4,976,166	\$ 4,976,166				4,976,166	4,976,166	4,976,166	4,976,166
7/1/94-6/30/95	5,410,121	5,410,121				5,410,121	5,410,121	5,410,121	5,410,121
7/1/95-6/30/96	5,965,379	5,965,379				5,965,379	5,965,379	5,965,379	5,965,379
7/1/96-6/30/97	2,841,160	2,841,160				2,841,160	2,841,160	2,841,160	2,841,160
7/1/97-6/30/98	4,723,762	4,723,762				4,723,762	4,723,762	4,723,762	4,723,762
7/1/98-6/30/99	5,326,902	5,326,902				5,326,902	5,326,902	5,326,902	5,326,902
7/1/99-6/30/00	7,452,753	7,452,753				7,452,753	7,452,753	7,452,753	7,452,753
7/1/00-6/30/01	4,494,274	4,494,274				4,494,274	4,494,274	4,494,274	4,494,274
7/1/01-6/30/02	3,310,823	3,307,516				3,307,516	3,307,516	3,120,000	3,307,516
7/1/02-6/30/03	4,491,219	4,491,219	\$ 4,489,667	\$ 4,489,667	\$ 2,935,442	4,486,732	4,486,732	4,486,732	4,486,732
7/1/03-6/30/04	7,607,474	7,612,143	7,605,932	7,609,059	3,126,361	7,602,806	7,602,806	7,602,806	7,602,806
7/1/04-6/30/05	6,974,737	6,979,509	6,971,821	6,975,136	3,314,668	6,965,192	6,965,192	6,965,192	6,965,192
7/1/05-6/30/06	8,935,479	8,948,601	8,926,344	8,933,375	3,515,644	8,915,797	8,915,797	8,915,797	8,915,797
7/1/06-6/30/07	6,172,036	6,196,626	6,162,316	6,177,186	3,717,445	6,147,446	6,147,446	6,147,446	6,147,446
7/1/07-6/30/08	6,176,635	6,213,473	6,163,396	6,186,997	3,933,377	6,139,796	6,139,796	6,139,796	6,139,796
7/1/08-6/30/09	2,715,360	2,736,889	2,728,997	2,762,648	4,206,366	2,691,140	2,691,140	2,691,140	2,691,140
7/1/09-6/30/10	1,388,295	1,404,740	1,429,693	1,479,798	4,555,019	1,370,478	1,370,478	1,370,478	1,370,478
7/1/10-6/30/11	9,708,803	9,773,763	9,709,135	9,770,144	4,843,335	9,600,627	9,617,112	9,543,342	9,710,000
7/1/11-6/30/12	7,270,483	7,318,226	7,353,860	7,467,182	5,151,001	7,214,783	7,214,783	7,214,723	7,214,783
7/1/12-6/30/13	3,200,501	3,294,491	3,287,663	3,447,334	5,467,018	3,064,643	3,074,449	3,350,000	3,350,000
7/1/13-6/30/14	4,922,581	4,637,358	4,974,619	4,748,066	5,801,291	4,185,341	4,643,945	4,900,000	4,900,000
7/1/14-6/30/15	2,944,109	3,094,040	3,181,423	3,458,354	6,154,013	2,726,026	2,726,026	3,400,000	3,000,000
7/1/15-6/30/16	6,789,220	7,085,885	6,932,603	7,276,506	6,368,562	6,372,170	6,372,170	7,200,000	6,600,000
7/1/16-6/30/17	5,016,389	5,241,407	5,206,494	5,505,161	6,748,248	4,317,469	4,470,935	4,900,000	4,900,000
7/1/17-6/30/18	12,225,097	11,588,949	12,142,217	11,589,713	7,150,465	9,902,203	11,198,356	11,000,000	12,000,000
7/1/18-6/30/19	18,730,709	19,131,277	18,803,030	15,985,886	7,239,283	13,263,916	17,608,548	16,750,000	18,500,000
7/1/19-6/30/20	6,153,084	4,851,430	6,563,788	6,159,427	7,607,685	2,553,384	4,410,813	7,000,000	6,200,000
7/1/20-6/30/21	7,793,215	7,868,821	7,911,917	7,960,422	8,017,135	3,174,192	3,646,801	8,500,000	8,000,000
7/1/21-6/30/22	6,199,123	2,928,746	7,939,571	7,530,940	8,400,478	466,138	1,286,392	8,500,000	7,750,000
7/1/22-6/30/23	12,414,255	6,743,186	9,122,415	8,794,451	8,854,653	178,874	931,861	8,492,703	8,750,000
Total						\$ 219,521,968	\$ 229,704,394	\$ 253,065,454	\$ 253,376,985
Subtotal 93-23	\$ 192,330,144	\$ 182,638,812				\$ 155,837,186	\$ 166,019,611	\$ 189,380,671	\$ 189,692,203
Subtotal 02-23	\$ 147,828,804	\$ 138,140,779	\$ 147,606,901	\$ 144,307,452	\$ 117,107,489	\$ 111,339,153	\$ 121,521,578	\$ 145,070,154	\$ 145,194,170

- Notes: (a) See Exhibit 4, Sheet 1.
 (b) See Exhibit 5.
 (c) See Exhibit 6.
 (d) See Exhibit 7.
 (e) Provided by the State. Losses are net of excess insurance.
 (f) From June 30, 2022 actuarial report.
 (g) Based on judgment.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM
AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE
REPORTED / PAID DEVELOPMENT METHODS

Fiscal Year	Reported Losses and ALAE (a)	Reported Large Loss and ALAE (b)	Development Factor to Ultimate (c)	Projected Ultimate Losses and ALAE (d)	Paid Losses and ALAE (a)	Paid Large Loss and ALAE (b)	Development Factor to Ultimate (e)	Projected Ultimate Losses and ALAE (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
7/1/93-6/30/94	\$ 4,976,166	\$ -	1.000	\$ 4,976,166	\$ 4,976,166	\$ -	1.000	\$ 4,976,166
7/1/94-6/30/95	5,410,121	2,415,599	1.000	5,410,121	5,410,121	2,415,599	1.000	5,410,121
7/1/95-6/30/96	5,965,379	2,610,360	1.000	5,965,379	5,965,379	2,610,360	1.000	5,965,379
7/1/96-6/30/97	2,841,160	-	1.000	2,841,160	2,841,160	-	1.000	2,841,160
7/1/97-6/30/98	4,723,762	-	1.000	4,723,762	4,723,762	-	1.000	4,723,762
7/1/98-6/30/99	5,326,902	-	1.000	5,326,902	5,326,902	-	1.000	5,326,902
7/1/99-6/30/00	7,452,753	2,464,936	1.000	7,452,753	7,452,753	2,464,936	1.000	7,452,753
7/1/00-6/30/01	4,494,274	-	1.000	4,494,274	4,494,274	-	1.000	4,494,274
7/1/01-6/30/02	3,307,516	-	1.001	3,310,823	3,307,516	-	1.000	3,307,516
7/1/02-6/30/03	4,486,732	-	1.001	4,491,219	4,486,732	-	1.001	4,491,219
7/1/03-6/30/04	7,602,806	2,934,012	1.001	7,607,474	7,602,806	2,934,012	1.002	7,612,143
7/1/04-6/30/05	6,965,192	2,192,926	1.002	6,974,737	6,965,192	2,192,926	1.003	6,979,509
7/1/05-6/30/06	8,915,797	2,354,932	1.003	8,935,479	8,915,797	2,354,932	1.005	8,948,601
7/1/06-6/30/07	6,147,446	-	1.004	6,172,036	6,147,446	-	1.008	6,196,626
7/1/07-6/30/08	6,139,796	-	1.006	6,176,635	6,139,796	-	1.012	6,213,473
7/1/08-6/30/09	2,691,140	-	1.009	2,715,360	2,691,140	-	1.017	2,736,889
7/1/09-6/30/10	1,370,478	-	1.013	1,388,295	1,370,478	-	1.025	1,404,740
7/1/10-6/30/11	9,617,112	4,791,280	1.019	9,708,803	9,600,627	4,791,280	1.036	9,773,763
7/1/11-6/30/12	7,214,783	5,225,509	1.028	7,270,483	7,214,783	5,225,509	1.052	7,318,226
7/1/12-6/30/13	3,074,449	-	1.041	3,200,501	3,064,643	-	1.075	3,294,491
7/1/13-6/30/14	4,643,945	-	1.060	4,922,581	4,185,341	-	1.108	4,637,358
7/1/14-6/30/15	2,726,026	-	1.080	2,944,109	2,726,026	-	1.135	3,094,040
7/1/15-6/30/16	6,372,170	2,072,680	1.097	6,789,220	6,372,170	2,072,680	1.166	7,085,885
7/1/16-6/30/17	4,470,935	-	1.122	5,016,389	4,317,469	-	1.214	5,241,407
7/1/17-6/30/18	11,198,356	4,443,479	1.152	12,225,097	9,902,203	4,443,479	1.309	11,588,949
7/1/18-6/30/19	17,608,548	11,912,295	1.197	18,730,709	13,263,916	8,760,497	1.603	19,131,277
7/1/19-6/30/20	4,410,813	-	1.395	6,153,084	2,553,384	-	1.900	4,851,430
7/1/20-6/30/21	3,646,801	-	2.137	7,793,215	3,174,192	-	2.479	7,868,821
7/1/21-6/30/22	1,286,392	-	4.819	6,199,123	466,138	-	6.283	2,928,746
7/1/22-6/30/23	931,861	-	13.322	12,414,255	178,874	-	37.698	6,743,186
Total	\$ 166,019,611	\$ 43,418,009		\$ 192,330,144	\$ 155,837,186	\$ 40,266,210		\$ 182,638,812

- Notes: (a) Provided by the State. Losses are net of excess insurance.
(b) Provided by the State. Losses in excess of \$2,000,000.
(c) See Sheets 2 and 3.
(d) $\{(2) - (3)\} \times (4) + (3)$.
(e) See Sheets 4 and 5.
(f) $\{(6) - (7)\} \times (8) + (3)$.

STATE OF ALASKA
GENERAL LIABILITY PROGRAM
AS OF JUNE 30, 2023

LIMITED REPORTED LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94												4,621	4,621	4,621	4,621
7/1/94-6/30/95											3,169	3,645	3,654	5,404	5,418
7/1/95-6/30/96										6,349	6,355	6,375	6,387	6,387	6,395
7/1/96-6/30/97									2,776	2,820	2,815	2,815	2,815	2,841	2,841
7/1/97-6/30/98								3,872	3,778	3,916	3,916	5,864	5,932	5,175	5,182
7/1/98-6/30/99							3,908	3,951	3,968	3,961	3,962	3,988	4,033	4,383	4,411
7/1/99-6/30/00						7,158	7,212	7,558	7,539	7,551	7,443	7,443	7,438	7,453	7,453
7/1/00-6/30/01					3,267	3,218	3,259	3,262	3,347	3,391	3,315	3,279	3,319	4,491	4,494
7/1/01-6/30/02				1,689	2,031	2,360	2,465	2,571	2,713	2,713	2,851	2,862	2,864	2,864	2,967
7/1/02-6/30/03			2,811	3,534	3,793	3,954	3,965	4,086	4,272	4,364	4,372	4,380	4,376	4,369	4,369
7/1/03-6/30/04		2,216	2,907	5,479	7,642	7,642	7,652	7,652	7,602	7,603	7,603	7,603	7,603	7,603	7,603
7/1/04-6/30/05	1,451	5,002	5,708	6,187	6,655	6,715	6,702	6,660	6,675	6,676	6,701	6,782	6,926	6,976	6,965
7/1/05-6/30/06	675	1,418	3,026	5,737	7,114	7,453	7,615	8,249	8,258	8,238	8,238	8,238	8,238	8,912	8,913
7/1/06-6/30/07	822	1,593	3,275	4,213	4,431	4,199	4,301	4,826	5,134	5,425	5,829	6,148	6,148	5,147	6,147
7/1/07-6/30/08	561	1,021	2,078	2,680	3,547	4,124	4,824	6,519	6,227	3,145	6,144	6,140	6,140	6,140	6,140
7/1/08-6/30/09	827	1,336	1,073	1,796	2,062	2,362	2,459	2,452	2,507	2,847	2,867	2,867	2,867	2,691	2,691
7/1/09-6/30/10	166	288	928	1,155	1,448	1,338	1,389	1,367	1,362	1,362	1,362	1,377	1,370	1,370	
7/1/10-6/30/11	144	924	1,797	3,346	4,561	4,550	4,648	10,543	10,456	10,477	10,570	9,543	9,617		
7/1/11-6/30/12	132	462	2,366	6,800	7,070	7,178	7,222	7,272	7,179	7,179	7,215	7,215			
7/1/12-6/30/13	100	338	1,562	1,757	2,570	2,658	2,830	2,848	2,943	3,105	3,074				
7/1/13-6/30/14	346	1,260	2,515	3,125	4,549	5,042	5,045	5,045	4,647	4,644					
7/1/14-6/30/15	294	1,300	1,698	3,183	2,904	2,979	2,996	2,835	2,726						
7/1/15-6/30/16	2,315	3,498	5,152	8,162	7,255	6,526	6,363	6,372							
7/1/16-6/30/17	200	556	2,795	3,780	3,760	4,254	4,471								
7/1/17-6/30/18	5,949	7,697	10,003	10,422	10,512	11,198									
7/1/18-6/30/19	2,439	8,733	11,688	16,253	17,609										
7/1/19-6/30/20	1,543	1,612	2,735	4,411											
7/1/20-6/30/21	677	1,769	3,647												
7/1/21-6/30/22	441	1,286													
7/1/22-6/30/23	932														

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94												1.000	1.000	1.000	1.000
7/1/94-6/30/95											1.150	1.002	1.479	1.003	1.000
7/1/95-6/30/96										1.001	1.003	1.002	1.000	1.001	0.933
7/1/96-6/30/97									1.016	0.998	1.000	1.000	1.009	1.000	1.000
7/1/97-6/30/98							0.976	1.037	1.000	1.497	1.012	0.872	1.001	1.008	1.008
7/1/98-6/30/99							1.011	1.004	0.998	1.000	1.007	1.011	1.087	1.006	1.468
7/1/99-6/30/00						1.008	1.048	0.997	1.002	0.986	1.000	0.999	1.002	1.000	1.000
7/1/00-6/30/01					0.985	1.013	1.001	1.026	1.013	0.978	0.989	1.012	1.353	1.001	1.000
7/1/01-6/30/02				1.202	1.162	1.044	1.043	1.055	1.000	1.051	1.004	1.001	1.000	1.036	1.033
7/1/02-6/30/03			1.257	1.073	1.042	1.003	1.031	1.046	1.022	1.002	1.002	0.999	0.998	1.000	1.016
7/1/03-6/30/04		1.312	1.885	1.395	1.000	1.001	1.000	0.993	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	3.447	1.141	1.084	1.076	1.009	0.998	0.994	1.002	1.000	1.004	1.012	1.021	1.007	0.998	1.000
7/1/05-6/30/06	2.101	2.134	1.896	1.240	1.048	1.022	1.083	1.001	0.998	1.000	1.000	1.000	1.082	1.000	1.002
7/1/06-6/30/07	1.938	2.056	1.286	1.052	0.948	1.024	1.122	1.064	1.057	1.074	1.055	1.000	0.837	1.194	1.000
7/1/07-6/30/08	1.820	2.035	1.290	1.324	1.163	1.170	1.351	0.955	0.505	1.954	0.999	1.000	1.000	1.000	1.000
7/1/08-6/30/09	1.615	0.803	1.674	1.148	1.145	1.041	0.997	1.022	1.136	1.007	1.000	1.000	0.939	1.000	
7/1/09-6/30/10	1.735	3.222	1.245	1.254	0.924	1.038	0.984	1.000	0.996	1.000	1.011	0.995	1.000		
7/1/10-6/30/11	6.417	1.945	1.862	1.363	0.998	1.022	2.268	0.992	1.002	1.009	0.903	1.008			
7/1/11-6/30/12	3.500	5.121	2.874	1.040	1.015	1.006	1.007	0.987	1.000	1.005	1.000				
7/1/12-6/30/13	3.380	4.621	1.125	1.463	1.034	1.065	1.006	1.033	1.055	0.990					
7/1/13-6/30/14	3.642	1.996	1.243	1.456	1.108	1.001	1.000	0.921	0.999						
7/1/14-6/30/15	4.422	1.306	1.875	0.912	1.026	1.006	0.946	0.962							
7/1/15-6/30/16	1.511	1.473	1.584	0.889	0.900	0.975	1.001								
7/1/16-6/30/17	2.780	5.027	1.352	0.995	1.131	1.051									
7/1/17-6/30/18	1.294	1.300	1.042	1.009	1.065										
7/1/18-6/30/19	3.581	1.338	1.391	1.083											
7/1/19-6/30/20	1.045	1.697	1.613												
7/1/20-6/30/21	2.613	2.061													
7/1/21-6/30/22	2.919														
Avg All	2.764	2.255	1.532	1.165	1.039	1.027	1.105	1.002	0.991	1.059	1.035	1.003	1.039	1.015	1.031
Avg Latest 3	2.192	1.699	1.349	1.029	1.032	1.011	0.982	0.972	1.018	1.001	0.971	1.001	0.980	1.065	1.001
\$ Avg All	2.101	1.583	1.435	1.114	1.030	1.020	1.109	0.997	0.978	1.039	1.019	1.004	1.025	1.013	1.022
\$ Avg Latest 3	1.754	1.492	1.273	1.047	1.021	1.005	0.989	0.962	1.011	1.005	0.947	1.005	0.983	1.072	1.001
Industry	1.937	1.402	1.233	1.139	1.075	1.043	1.022	1.016	1.019	1.018	1.013	1.009	1.006	1.004	1.003
Prior Selected	2.755	2.266	1.527	1.170	1.038	1.026	1.017	1.010	1.014	1.020	1.014	1.010	1.007	1.005	1.004
Selected	2.764	2.255	1.532	1.165	1.039	1.027	1.022	1.016	1.019	1.018	1.013	1.009	1.006	1.004	1.003
Age-Ultimate	13.322	4.819	2.137	1.395	1.197	1.152	1.122	1.097	1.080	1.060	1.041	1.028	1.019	1.013	1.009

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM
AS OF JUNE 30, 2023

LIMITED REPORTED LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	4,621	4,621	4,621	4,621	4,621	4,621	4,654	4,789	5,021	4,976	4,976	4,976	4,976	4,976	4,976
7/1/94-6/30/95	5,418	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410
7/1/95-6/30/96	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965
7/1/96-6/30/97	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841
7/1/97-6/30/98	5,221	5,237	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724
7/1/98-6/30/99	6,474	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327
7/1/99-6/30/00	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453
7/1/00-6/30/01	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494
7/1/01-6/30/02	3,064	3,064	3,114	3,114	3,114	3,114	3,114	3,308	3,308	3,308	3,308	3,308	3,308	3,308	3,308
7/1/02-6/30/03	4,439	4,439	4,489	4,489	4,489	4,489	4,489	4,489	4,489	4,489	4,489	4,489	4,489	4,489	4,489
7/1/03-6/30/04	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603
7/1/04-6/30/05	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965
7/1/05-6/30/06	8,928	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916
7/1/06-6/30/07	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147
7/1/07-6/30/08	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.007	1.029	1.048	0.991	1.000	1.000	1.000	1.000	1.000	1.000
7/1/94-6/30/95	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98	1.003	0.902	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99	0.823	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02	1.000	1.016	1.000	1.000	1.000	1.000	1.062	1.062	1.062	1.062	1.062	1.062	1.062	1.062	1.062
7/1/02-6/30/03	1.000	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															
Avg All	0.987	0.995	1.000	1.000	1.000	1.008	1.004	1.007	0.999	1.000	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg All	0.986	0.994	1.000	1.000	1.000	1.005	1.003	1.006	0.998	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg Latest 3	0.999	1.000	1.000	1.000	1.000	1.013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.002	1.001	1.001	1.001	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prior Selected	1.003	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.002	1.001	1.001	1.001	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.006	1.004	1.003	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA
GENERAL LIABILITY PROGRAM
AS OF JUNE 30, 2023

LIMITED PAID LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94												4,621	4,621	4,621	4,621
7/1/94-6/30/95											2,803	2,847	3,104	3,236	5,410
7/1/95-6/30/96										5,919	5,921	5,945	5,957	5,957	5,965
7/1/96-6/30/97									2,758	2,805	2,815	2,815	2,815	2,841	2,841
7/1/97-6/30/98								3,641	3,641	3,646	3,914	4,363	4,414	4,653	4,670
7/1/98-6/30/99							3,873	3,920	3,934	3,958	3,959	3,967	4,027	4,310	4,399
7/1/99-6/30/00						6,759	6,842	7,322	7,415	7,436	7,433	7,436	7,438	7,453	7,453
7/1/00-6/30/01					3,023	3,082	3,124	3,146	3,197	3,268	3,291	3,279	3,315	3,490	4,494
7/1/01-6/30/02				1,325	1,627	2,270	2,385	2,487	2,577	2,645	2,851	2,862	2,864	2,864	2,967
7/1/02-6/30/03			1,128	2,188	3,146	3,856	3,895	3,990	4,205	4,241	4,308	4,352	4,369	4,369	4,369
7/1/03-6/30/04		1,286	1,819	4,629	7,532	7,642	7,652	7,652	7,602	7,603	7,603	7,603	7,603	7,603	7,603
7/1/04-6/30/05	310	1,752	5,129	5,771	6,365	6,609	6,636	6,660	6,675	6,676	6,694	6,782	6,917	6,964	6,965
7/1/05-6/30/06	256	666	1,940	4,615	6,749	7,147	7,486	8,228	8,238	8,238	8,238	8,238	8,238	8,912	8,913
7/1/06-6/30/07	273	958	2,747	3,435	3,660	4,192	4,281	4,529	5,007	5,291	5,795	6,148	6,148	6,147	6,147
7/1/07-6/30/08	240	506	1,363	1,994	2,969	3,616	4,370	6,053	6,127	6,140	6,140	6,140	6,140	6,140	6,140
7/1/08-6/30/09	493	707	844	1,385	1,899	2,178	2,419	2,449	2,507	2,662	2,690	2,691	2,691	2,691	2,691
7/1/09-6/30/10	38	176	566	941	1,139	1,321	1,357	1,358	1,362	1,362	1,362	1,362	1,370	1,370	
7/1/10-6/30/11	28	449	1,495	2,938	4,480	4,538	4,621	6,094	9,306	9,377	9,470	9,543	9,601		
7/1/11-6/30/12	40	293	806	6,601	7,045	7,156	7,175	7,179	7,179	7,179	7,215	7,215			
7/1/12-6/30/13	61	237	1,120	1,531	2,433	2,606	2,641	2,659	2,754	3,064	3,065				
7/1/13-6/30/14	65	503	1,799	2,877	3,345	4,099	4,171	4,173	4,178	4,185					
7/1/14-6/30/15	97	378	1,351	2,214	2,629	2,677	2,694	2,684							
7/1/15-6/30/16	96	1,230	1,851	4,950	6,238	6,338	6,356	6,372							
7/1/16-6/30/17	50	197	507	2,027	2,779	3,642	4,317								
7/1/17-6/30/18	440	4,656	6,415	6,855	7,354	9,902									
7/1/18-6/30/19	453	6,177	8,094	11,936	13,264										
7/1/19-6/30/20	136	1,330	1,864	2,553											
7/1/20-6/30/21	446	1,398	3,174												
7/1/21-6/30/22	233	466													
7/1/22-6/30/23	179														

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94												1.000	1.000	1.000	1.000
7/1/94-6/30/95											1.016	1.090	1.043	1.672	1.000
7/1/95-6/30/96										1.000	1.004	1.002	1.000	1.001	1.000
7/1/96-6/30/97									1.017	1.004	1.000	1.000	1.009	1.000	1.000
7/1/97-6/30/98								1.000	1.001	1.074	1.115	1.012	1.054	1.004	1.010
7/1/98-6/30/99							1.012	1.004	1.006	1.000	1.002	1.015	1.070	1.021	1.017
7/1/99-6/30/00						1.012	1.070	1.013	1.003	1.000	1.000	1.000	1.002	1.000	1.000
7/1/00-6/30/01					1.020	1.014	1.007	1.016	1.022	1.007	0.996	1.011	1.053	1.288	1.000
7/1/01-6/30/02				1.228	1.395	1.051	1.043	1.036	1.026	1.078	1.004	1.001	1.000	1.036	1.019
7/1/02-6/30/03			1.940	1.438	1.226	1.010	1.024	1.054	1.009	1.016	1.010	1.004	1.000	1.000	1.000
7/1/03-6/30/04		1.414	2.545	1.627	1.015	1.001	1.000	0.993	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	5.652	2.928	1.125	1.103	1.038	1.004	1.004	1.002	1.000	1.003	1.013	1.020	1.007	1.000	1.000
7/1/05-6/30/06	2.602	2.913	2.379	1.462	1.059	1.047	1.099	1.001	1.000	1.000	1.000	1.000	1.082	1.000	1.000
7/1/06-6/30/07	3.509	2.867	1.250	1.066	1.145	1.021	1.058	1.106	1.057	1.095	1.061	1.000	1.058	1.000	1.000
7/1/07-6/30/08	2.108	2.694	1.463	1.489	1.218	1.209	1.385	1.012	1.002	1.000	1.000	1.000	1.000	1.000	1.000
7/1/08-6/30/09	1.434	1.194	1.641	1.371	1.147	1.111	1.012	1.024	1.062	1.011	1.000	1.000	1.000	1.000	
7/1/09-6/30/10	4.632	3.216	1.663	1.210	1.160	1.027	1.001	1.003	1.000	1.000	1.000	1.006	1.000	1.000	
7/1/10-6/30/11	16.036	3.330	1.965	1.525	1.013	1.018	1.319	1.527	1.008	1.010	1.008	1.006			
7/1/11-6/30/12	7.325	2.751	8.190	1.067	1.016	1.003	1.001	1.000	1.000	1.000	1.005	1.000			
7/1/12-6/30/13	3.885	4.726	1.367	1.589	1.071	1.013	1.007	1.036	1.113	1.000					
7/1/13-6/30/14	7.738	3.577	1.599	1.163	1.225	1.018	1.000	1.001	1.002						
7/1/14-6/30/15	3.897	3.574	1.639	1.187	1.018	1.006	0.996	1.015							
7/1/15-6/30/16	12.813	1.505	2.674	1.260	1.016	1.003	1.003								
7/1/16-6/30/17	3.940	2.574	3.998	1.371	1.310	1.186									
7/1/17-6/30/18	10.582	1.378	1.069	1.073	1.347										
7/1/18-6/30/19	13.636	1.310	1.475	1.111											
7/1/19-6/30/20	9.779	1.401	1.370												
7/1/20-6/30/21	3.134	2.271													
7/1/21-6/30/22	1.997														
Avg All	6.372	2.535	2.186	1.297	1.136	1.042	1.058	1.047	1.018	1.017	1.013	1.009	1.019	1.064	1.003
Avg Latest 3	4.970	1.661	1.305	1.185	1.224	1.065	1.000	1.017	1.038	1.005	1.003	1.004	1.000	1.000	1.000
\$ Avg All	5.879	1.873	1.700	1.241	1.114	1.034	1.061	1.052	1.013	1.014	1.012	1.007	1.019	1.041	1.002
\$ Avg Latest 3	3.917	1.475	1.304	1.124	1.214	1.056	1.001	1.015	1.023	1.007	1.004	1.005	1.000	1.000	1.000
Industry	2.582	1.665	1.425	1.240	1.136	1.078	1.041	1.027	1.024	1.031	1.022	1.015	1.011	1.007	1.005
Prior Selected	5.013	2.550	2.181	1.235	1.115	1.067	1.042	1.022	1.018	1.031	1.022	1.016	1.011	1.008	1.005
Selected	6.000	2.535	1.305	1.185	1.224	1.078	1.041	1.027	1.024	1.031	1.022	1.015	1.011	1.007	1.005
Age-Ultimate	37.698	6.283	2.479	1.900	1.603	1.309	1.214	1.166	1.135	1.108	1.075	1.052	1.036	1.025	1.017

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM
AS OF JUNE 30, 2023

LIMITED PAID LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	4,621	4,621	4,621	4,621	4,621	4,621	4,654	4,789	4,973	4,976	4,976	4,976	4,976	4,976	4,976
7/1/94-6/30/95	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410	5,410
7/1/95-6/30/96	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965	5,965
7/1/96-6/30/97	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841	2,841
7/1/97-6/30/98	4,718	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724	4,724
7/1/98-6/30/99	4,473	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327	5,327
7/1/99-6/30/00	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453	7,453
7/1/00-6/30/01	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494	4,494
7/1/01-6/30/02	3,024	3,049	3,071	3,081	3,096	3,105	3,308	3,308	3,308	3,308	3,308	3,308	3,308	3,308	3,308
7/1/02-6/30/03	4,369	4,380	4,452	4,487	4,487	4,487	4,487	4,487	4,487	4,487	4,487	4,487	4,487	4,487	4,487
7/1/03-6/30/04	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603	7,603
7/1/04-6/30/05	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965	6,965
7/1/05-6/30/06	8,913	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916	8,916
7/1/06-6/30/07	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147	6,147
7/1/07-6/30/08	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140	6,140
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.007	1.029	1.038	1.001	1.000	1.000	1.000	1.000	1.000	1.000
7/1/94-6/30/95	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99	1.191	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02	1.008	1.007	1.003	1.005	1.003	1.065	1.065	1.065	1.065	1.065	1.065	1.065	1.065	1.065	1.065
7/1/02-6/30/03	1.003	1.016	1.008	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															
Avg All	1.015	1.002	1.001	1.000	1.000	1.008	1.004	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.000	1.000	1.003	1.002	1.001	1.022	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg All	1.012	1.001	1.001	1.000	1.000	1.005	1.003	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg Latest 3	1.000	1.000	1.002	1.001	1.001	1.013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.004	1.003	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prior Selected	1.004	1.003	1.002	1.001	1.001	1.001	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.004	1.003	1.002	1.001	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.012	1.008	1.005	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE UNREPORTED METHOD

Fiscal Year	Expected Losses and ALAE (a)	Expected Percentage Unreported (b)	Expected Unreported Losses and ALAE [(2) × (3)]	Reported Losses and ALAE as of 6/30/23 (c)	Projected Ultimate Losses and ALAE [(4) + (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 2,935,442	0.001	\$ 2,935	\$ 4,486,732	\$ 4,489,667
7/1/03-6/30/04	3,126,361	0.001	3,126	7,602,806	7,605,932
7/1/04-6/30/05	3,314,668	0.002	6,629	6,965,192	6,971,821
7/1/05-6/30/06	3,515,644	0.003	10,547	8,915,797	8,926,344
7/1/06-6/30/07	3,717,445	0.004	14,870	6,147,446	6,162,316
7/1/07-6/30/08	3,933,377	0.006	23,600	6,139,796	6,163,396
7/1/08-6/30/09	4,206,366	0.009	37,857	2,691,140	2,728,997
7/1/09-6/30/10	4,555,019	0.013	59,215	1,370,478	1,429,693
7/1/10-6/30/11	4,843,335	0.019	92,023	9,617,112	9,709,135
7/1/11-6/30/12	5,151,001	0.027	139,077	7,214,783	7,353,860
7/1/12-6/30/13	5,467,018	0.039	213,214	3,074,449	3,287,663
7/1/13-6/30/14	5,801,291	0.057	330,674	4,643,945	4,974,619
7/1/14-6/30/15	6,154,013	0.074	455,397	2,726,026	3,181,423
7/1/15-6/30/16	6,368,562	0.088	560,433	6,372,170	6,932,603
7/1/16-6/30/17	6,748,248	0.109	735,559	4,470,935	5,206,494
7/1/17-6/30/18	7,150,465	0.132	943,861	11,198,356	12,142,217
7/1/18-6/30/19	7,239,283	0.165	1,194,482	17,608,548	18,803,030
7/1/19-6/30/20	7,607,685	0.283	2,152,975	4,410,813	6,563,788
7/1/20-6/30/21	8,017,135	0.532	4,265,116	3,646,801	7,911,917
7/1/21-6/30/22	8,400,478	0.792	6,653,179	1,286,392	7,939,571
7/1/22-6/30/23	8,854,653	0.925	8,190,554	931,861	9,122,415
Total	\$ 117,107,489		\$ 26,085,323	\$ 121,521,578	\$ 147,606,901

- Notes: (a) See Exhibit 7.
(b) Based on reporting pattern shown on Exhibit 4, Sheet 1.
(c) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE UNPAID METHOD

Fiscal Year	Expected Losses and ALAE (a)	Expected Percentage Unpaid (b)	Expected Unpaid Losses and ALAE [(2) × (3)]	Paid Losses and ALAE as of 6/30/23 (c)	Projected Ultimate Losses and ALAE [(4) + (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 2,935,442	0.001	\$ 2,935	\$ 4,486,732	\$ 4,489,667
7/1/03-6/30/04	3,126,361	0.002	6,253	7,602,806	7,609,059
7/1/04-6/30/05	3,314,668	0.003	9,944	6,965,192	6,975,136
7/1/05-6/30/06	3,515,644	0.005	17,578	8,915,797	8,933,375
7/1/06-6/30/07	3,717,445	0.008	29,740	6,147,446	6,177,186
7/1/07-6/30/08	3,933,377	0.012	47,201	6,139,796	6,186,997
7/1/08-6/30/09	4,206,366	0.017	71,508	2,691,140	2,762,648
7/1/09-6/30/10	4,555,019	0.024	109,320	1,370,478	1,479,798
7/1/10-6/30/11	4,843,335	0.035	169,517	9,600,627	9,770,144
7/1/11-6/30/12	5,151,001	0.049	252,399	7,214,783	7,467,182
7/1/12-6/30/13	5,467,018	0.070	382,691	3,064,643	3,447,334
7/1/13-6/30/14	5,801,291	0.097	562,725	4,185,341	4,748,066
7/1/14-6/30/15	6,154,013	0.119	732,328	2,726,026	3,458,354
7/1/15-6/30/16	6,368,562	0.142	904,336	6,372,170	7,276,506
7/1/16-6/30/17	6,748,248	0.176	1,187,692	4,317,469	5,505,161
7/1/17-6/30/18	7,150,465	0.236	1,687,510	9,902,203	11,589,713
7/1/18-6/30/19	7,239,283	0.376	2,721,970	13,263,916	15,985,886
7/1/19-6/30/20	7,607,685	0.474	3,606,043	2,553,384	6,159,427
7/1/20-6/30/21	8,017,135	0.597	4,786,230	3,174,192	7,960,422
7/1/21-6/30/22	8,400,478	0.841	7,064,802	466,138	7,530,940
7/1/22-6/30/23	8,854,653	0.973	8,615,577	178,874	8,794,451
Total	\$ 117,107,489		\$ 32,968,299	\$ 111,339,153	\$ 144,307,452

Notes: (a) See Exhibit 7.
(b) Based on payment pattern shown on Exhibit 4, Sheet 1.
(c) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM
AS OF JUNE 30, 2023

DEVELOPMENT OF ULTIMATE LOSSES AND ALAE
EXPECTED LOSS METHOD

Fiscal Year	Population (a)	Reported Losses and ALAE as of 6/30/2022 (a)	Loss Trend (b)	Curr. Level Reported Losses and ALAE as of 6/30/2022 (c)	Reported Loss Development Factor (d)	Detrended Aggregate Onlevel Loss Cost (f)	Expected Losses and ALAE (g)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
7/1/02-6/30/03	647,188	\$ 4,486,732	2.655	\$ 11,912,274	1.001	\$ 4.54	\$ 2,935,442
7/1/03-6/30/04	656,569	4,668,793	2.529	11,807,378	1.001	4.76	3,126,361
7/1/04-6/30/05	663,085	4,772,266	2.409	11,496,389	1.002	5.00	3,314,668
7/1/05-6/30/06	669,716	6,560,865	2.294	15,050,624	1.003	5.25	3,515,644
7/1/06-6/30/07	674,510	6,147,446	2.185	13,432,170	1.004	5.51	3,717,445
7/1/07-6/30/08	679,720	6,139,796	2.081	12,776,915	1.006	5.79	3,933,377
7/1/08-6/30/09	692,314	2,691,140	1.982	5,333,839	1.009	6.08	4,206,366
7/1/09-6/30/10	714,142	1,370,478	1.888	2,587,463	1.013	6.38	4,555,019
7/1/10-6/30/11	723,147	4,825,833	1.798	8,676,847	1.019	6.70	4,843,335
7/1/11-6/30/12	732,298	1,989,275	1.712	3,405,638	1.028	7.03	5,151,001
7/1/12-6/30/13	739,998	3,074,449	1.630	5,011,352	1.041	7.39	5,467,018
7/1/13-6/30/14	747,668	4,643,945	1.552	7,207,402	1.060	7.76	5,801,291
7/1/14-6/30/15	755,310	2,726,026	1.478	4,029,067	1.080	8.15	6,154,013
7/1/15-6/30/16	744,623	4,299,489	1.408	6,053,681	1.097	8.55	6,368,562
7/1/16-6/30/17	751,471	4,470,935	1.341	5,995,524	1.122	8.98	6,748,248
7/1/17-6/30/18	758,259	6,754,877	1.277	8,625,978	1.152	9.43	7,150,465
7/1/18-6/30/19	731,007	5,696,252	1.216	6,926,643	1.197	9.90	7,239,283
7/1/19-6/30/20	731,566	4,410,813	1.158	5,107,722	1.395	10.40	7,607,685
7/1/20-6/30/21	734,323	3,646,801	1.103	4,022,422	2.137	10.92	8,017,135
7/1/21-6/30/22	732,463	1,286,392	1.050	1,350,712	4.819	11.47	8,400,478
7/1/22-6/30/23	735,299	931,861	1.000	931,861	13.322	12.04	8,854,653
Total	15,014,676	\$ 85,594,465		\$ 151,741,901			\$ 117,107,489
(9) Selected Loss Annual Trend Rate (b)				1.050			
(10) Aggregate Onlevel Loss Cost (/ Person) (e)				\$ 12.04			

- Notes: (a) Provided by the State. Excludes large losses over \$2M.
 (b) Based on an assumed annual loss trend of 5.0%.
 (c) $[(3) \times (4)]$
 (d) See Exhibit 4, Sheet 1.
 (e) $\text{Sum}(5) \div \text{Sumproduct}(2), 1.0 \div (6)$
 (f) $[(10) \div (4)]$
 (g) $[(2) \times (7)]$

STATE OF ALASKA

GENERAL LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ULTIMATE CLAIMS

Fiscal Year	Reported Claims (a)	Development Factor to Ultimate (b)	Projected Ultimate Claims (c)
(1)	(2)	(3)	(4)
7/1/93-6/30/94	244	1.000	244
7/1/94-6/30/95	269	1.000	269
7/1/95-6/30/96	234	1.000	234
7/1/96-6/30/97	523	1.000	523
7/1/97-6/30/98	182	1.000	182
7/1/98-6/30/99	155	1.000	155
7/1/99-6/30/00	185	1.000	185
7/1/00-6/30/01	201	1.000	201
7/1/01-6/30/02	184	1.000	184
7/1/02-6/30/03	186	1.000	186
7/1/03-6/30/04	142	1.000	142
7/1/04-6/30/05	118	1.000	118
7/1/05-6/30/06	219	1.000	219
7/1/06-6/30/07	153	1.000	153
7/1/07-6/30/08	150	1.000	150
7/1/08-6/30/09	106	1.000	106
7/1/09-6/30/10	76	1.000	76
7/1/10-6/30/11	83	1.000	83
7/1/11-6/30/12	93	1.000	93
7/1/12-6/30/13	91	1.000	91
7/1/13-6/30/14	67	1.000	67
7/1/14-6/30/15	56	1.000	56
7/1/15-6/30/16	61	1.000	61
7/1/16-6/30/17	58	1.000	58
7/1/17-6/30/18	151	1.000	151
7/1/18-6/30/19	85	1.010	86
7/1/19-6/30/20	82	1.022	84
7/1/20-6/30/21	92	1.065	98
7/1/21-6/30/22	104	1.257	131
7/1/22-6/30/23	79	1.654	131
Total	4,429		4,517

Notes: (a) Data provided by the State.
(b) See Sheets 2, 3.
(c) [(2) × (3)]

STATE OF ALASKA
GENERAL LIABILITY PROGRAM
AS OF JUNE 30, 2023

REPORTED CLAIM COUNTS

Fiscal Year	Age (in Months)															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	
7/1/93-6/30/94												291	291	291	291	
7/1/94-6/30/95											305	305	305	305	305	
7/1/95-6/30/96										279	279	279	279	279	280	
7/1/96-6/30/97									542	542	542	542	542	543	543	
7/1/97-6/30/98								183	184	184	185	185	186	186	186	
7/1/98-6/30/99							214	214	215	215	215	214	214	214	214	
7/1/99-6/30/00						198	198	198	198	198	191	192	192	192	192	
7/1/00-6/30/01					214	214	215	215	215	211	211	211	212	212	212	
7/1/01-6/30/02				188	188	189	190	190	185	185	185	185	184	185	186	
7/1/02-6/30/03			188	189	190	190	190	185	185	185	185	185	185	185	190	
7/1/03-6/30/04		127	142	144	144	144	142	142	142	142	142	142	142	144	144	
7/1/04-6/30/05	89	111	123	120	119	116	116	116	116	117	118	118	124	124	124	
7/1/05-6/30/06	180	198	215	217	218	218	218	218	217	217	217	218	218	219	219	
7/1/06-6/30/07	118	130	143	146	146	147	148	150	150	153	155	155	155	155	155	
7/1/07-6/30/08	104	124	139	141	144	148	148	150	153	153	153	153	153	153	150	
7/1/08-6/30/09	64	89	98	102	105	105	106	107	107	107	107	107	107	106	106	
7/1/09-6/30/10	37	51	65	72	74	74	74	83	83	83	83	84	76	76		
7/1/10-6/30/11	31	54	79	81	81	82	87	87	88	88	88	83	83			
7/1/11-6/30/12	60	74	90	91	91	96	96	96	96	96	93	93				
7/1/12-6/30/13	54	66	81	85	91	92	92	93	94	91	91					
7/1/13-6/30/14	31	44	63	73	73	74	75	75	67	67						
7/1/14-6/30/15	23	33	48	52	54	56	57	56	56							
7/1/15-6/30/16	35	56	63	66	66	68	61	61								
7/1/16-6/30/17	40	48	58	60	60	58	58									
7/1/17-6/30/18	104	141	148	153	149	151										
7/1/18-6/30/19	31	63	77	84	85											
7/1/19-6/30/20	56	73	82	82												
7/1/20-6/30/21	56	77	92													
7/1/21-6/30/22	82	104														
7/1/22-6/30/23	79															

Fiscal Year	Link Ratios															
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	
7/1/93-6/30/94												1.000	1.000	1.000	1.000	
7/1/94-6/30/95												1.000	1.000	1.000	1.000	
7/1/95-6/30/96										1.000	1.000	1.000	1.000	1.004	1.000	
7/1/96-6/30/97									1.000	1.000	1.000	1.000	1.002	1.000	1.000	
7/1/97-6/30/98							1.005	1.000	1.005	1.000	1.005	1.000	1.000	1.000	1.000	
7/1/98-6/30/99							1.005	1.000	1.000	0.995	1.000	1.000	1.000	1.000	1.000	
7/1/99-6/30/00						1.000	1.000	1.000	0.965	1.000	1.005	1.000	1.000	1.000	1.000	
7/1/00-6/30/01					1.000	1.005	1.000	1.000	0.981	1.000	1.000	1.005	1.000	1.000	1.000	
7/1/01-6/30/02				1.005	1.005	1.000	1.000	0.974	1.000	1.000	1.000	0.995	1.005	1.005	1.027	
7/1/02-6/30/03			1.005	1.005	1.000	1.000	0.974	1.000	1.000	1.000	1.000	1.000	1.000	1.027	1.000	
7/1/03-6/30/04		1.118	1.014	1.000	1.000	0.986	1.000	1.000	1.000	1.000	1.000	1.000	1.014	1.000	1.000	
7/1/04-6/30/05	1.247	1.108	0.976	0.992	0.975	1.000	1.000	1.000	1.009	1.009	1.000	1.051	1.000	1.000	1.000	
7/1/05-6/30/06	1.100	1.086	1.009	1.005	1.000	1.000	1.000	0.995	1.000	1.000	1.005	1.000	1.005	1.000	1.005	
7/1/06-6/30/07	1.102	1.100	1.021	1.000	1.007	1.007	1.014	1.000	1.020	1.013	1.000	1.000	1.000	1.000	0.987	
7/1/07-6/30/08	1.192	1.121	1.014	1.021	1.028	1.000	1.014	1.000	1.020	1.000	1.000	1.000	1.000	0.980	1.000	
7/1/08-6/30/09	1.391	1.101	1.041	1.029	1.000	1.000	1.010	1.009	1.000	1.000	1.000	1.000	0.991	1.000		
7/1/09-6/30/10	1.378	1.275	1.108	1.028	1.000	1.000	1.122	1.000	1.000	1.000	1.012	0.905	1.000			
7/1/10-6/30/11	1.742	1.463	1.025	1.000	1.012	1.061	1.000	1.011	1.000	1.000	0.943	1.000				
7/1/11-6/30/12	1.233	1.216	1.011	1.000	1.055	1.000	1.000	1.000	1.000	0.969	1.000					
7/1/12-6/30/13	1.222	1.227	1.049	1.071	1.011	1.000	1.011	1.011	0.968	1.000						
7/1/13-6/30/14	1.419	1.432	1.159	1.000	1.014	1.014	1.000	0.893	1.000							
7/1/14-6/30/15	1.435	1.455	1.083	1.038	1.037	1.018	0.982	1.000								
7/1/15-6/30/16	1.600	1.125	1.048	1.000	1.030	0.897	1.000									
7/1/16-6/30/17	1.200	1.208	1.034	1.000	0.967	1.000										
7/1/17-6/30/18	1.356	1.050	1.034	0.974	1.013											
7/1/18-6/30/19	2.032	1.222	1.091	1.012												
7/1/19-6/30/20	1.304	1.123	1.000													
7/1/20-6/30/21	1.375	1.195														
7/1/21-6/30/22	1.268															
Avg All	1.366	1.201	1.040	1.010	1.009	0.999	1.007	0.995	1.000	0.998	0.998	0.998	1.001	1.001	1.001	
Avg Latest 3	1.316	1.180	1.042	0.995	1.003	0.972	0.994	0.968	0.989	0.990	0.985	0.968	0.997	0.993	0.997	
Wght Avg All	1.285	1.158	1.029	1.007	1.007	1.000	1.004	0.996	1.000	0.998	0.998	1.000	1.001	1.001	1.001	
Wght Avg Latest 3	1.309	1.178	1.039	0.990	1.007	0.967	0.995	0.969	0.988	0.989	0.985	0.971	0.997	0.993	0.998	
Industry																
Prior Selected	1.570	1.132	1.053	1.012	1.010	1.008	1.004	1.002	1.002	1.001	1.000	1.000	1.000	1.000	1.000	
Selected	1.316	1.180	1.042	1.012	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Age-Ultimate	1.654	1.257	1.065	1.022	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA
GENERAL LIABILITY PROGRAM
AS OF JUNE 30, 2023

REPORTED CLAIM COUNTS

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	291	291	291	291	291	291	292	292	292	278	278	278	278	244	244
7/1/94-6/30/95	305	305	305	305	305	305	306	306	302	302	302	302	269	269	
7/1/95-6/30/96	280	280	280	280	280	280	280	280	280	280	280	234	234		
7/1/96-6/30/97	543	543	543	543	543	543	542	542	542	542	523	523			
7/1/97-6/30/98	186	186	186	186	186	186	186	187	186	182	182				
7/1/98-6/30/99	214	214	214	216	171	171	171	171	154	155					
7/1/99-6/30/00	192	192	199	199	199	199	199	185	185						
7/1/00-6/30/01	212	216	216	216	216	216	201	201							
7/1/01-6/30/02	191	191	191	191	191	183	184								
7/1/02-6/30/03	190	191	191	191	186	186									
7/1/03-6/30/04	144	144	144	142	142										
7/1/04-6/30/05	124	124	118	118											
7/1/05-6/30/06	220	219	219												
7/1/06-6/30/07	153	153													
7/1/07-6/30/08	150														
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.003	1.000	1.000	0.952	1.000	1.000	1.000	0.878	1.000	
7/1/94-6/30/95	1.000	1.000	1.000	1.000	1.000	1.003	1.000	0.987	1.000	1.000	1.000	0.891	1.000		
7/1/95-6/30/96	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.836	1.000			
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	0.998	1.000	1.000	1.000	0.965	1.000				
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.005	0.995	1.000	0.978	1.000					
7/1/98-6/30/99	1.000	1.000	1.009	0.792	1.000	1.000	1.000	0.901	1.006						
7/1/99-6/30/00	1.000	1.036	1.000	1.000	1.000	1.000	0.930	1.000							
7/1/00-6/30/01	1.019	1.000	1.000	1.000	1.000	0.931	1.000								
7/1/01-6/30/02	1.000	1.000	1.000	1.000	0.958	1.005									
7/1/02-6/30/03	1.005	1.000	1.000	0.974	1.000										
7/1/03-6/30/04	1.000	1.000	0.986	1.000											
7/1/04-6/30/05	1.000	0.952	1.000												
7/1/05-6/30/06	0.995	1.000													
7/1/06-6/30/07	1.000														
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
Avg All	1.001	0.999	1.000	0.979	0.996	0.994	0.991	0.984	0.989	0.993	0.959	0.964	0.939	1.000	
Avg Latest 3	0.998	0.984	0.995	0.991	0.986	0.979	0.977	0.967	0.995	0.988	0.945	0.964	0.939	1.000	
\$ Avg All	1.001	1.000	1.000	0.982	0.997	0.995	0.993	0.989	0.990	0.988	0.967	0.959	0.938	1.000	
\$ Avg Latest 3	0.998	0.988	0.996	0.990	0.987	0.977	0.975	0.969	0.997	0.981	0.958	0.959	0.938	1.000	
Industry															
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

GENERAL LIABILITY PROGRAM AS OF JUNE 30, 2023

CALCULATION OF DISCOUNT FACTORS 3.0% RATE OF RETURN

<u>Period</u>	<u>Payment Made in Period (a)</u>	<u>Remaining Payments at Beginning of Period (b)</u>	<u>Present Value of Remaining Payments (c)</u>	<u>Reserve Discount Factor [(4) ÷ (3)]</u>
(1)	(2)	(3)	(4)	(5)
1	0.027	1.000	0.873	0.8730
2	0.132	0.973	0.872	0.8960
3	0.244	0.841	0.764	0.9084
4	0.123	0.597	0.539	0.9033
5	0.098	0.474	0.431	0.9085
6	0.140	0.376	0.344	0.9151
7	0.060	0.236	0.212	0.8997
8	0.034	0.176	0.158	0.8966
9	0.023	0.142	0.128	0.9016
10	0.022	0.119	0.109	0.9120
11	0.027	0.097	0.089	0.9222
12	0.021	0.070	0.065	0.9248
13	0.014	0.049	0.045	0.9258
14	0.011	0.035	0.033	0.9290
15	0.007	0.024	0.022	0.9303
16	0.005	0.017	0.016	0.9349
17	0.004	0.012	0.011	0.9413
18	0.003	0.008	0.008	0.9469
19	0.002	0.005	0.005	0.9516
20	0.001	0.003	0.003	0.9569
21	0.001	0.002	0.002	0.9710
22	0.001	0.001	0.001	0.9853

- Notes: (a) Based on payment pattern shown in Exhibit 4, Sheet 1.
 (b) Upward sum of Column (2).
 (c) Based on a 3.0% rate of return.

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2024

GENERAL LIABILITY

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/23 (b)	Est Paid Losses and ALAE btw 7/1/23 and 6/30/24 (c)	Paid Losses and ALAE as of 6/30/23 (d)	Paid Losses and ALAE as of 6/30/24 (e)	Estimated Unpaid Losses and ALAE as of 6/30/24 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 63,684,782	\$ -	\$ -	\$ 63,684,782	\$ 63,684,782	\$ -
7/1/1993 - 6/30/1994	4,976,166	-	-	4,976,166	4,976,166	-
7/1/1994 - 6/30/1995	5,410,121	-	-	5,410,121	5,410,121	-
7/1/1995 - 6/30/1996	5,965,379	-	-	5,965,379	5,965,379	-
7/1/1996 - 6/30/1997	2,841,160	-	-	2,841,160	2,841,160	-
7/1/1997 - 6/30/1998	4,723,762	-	-	4,723,762	4,723,762	-
7/1/1998 - 6/30/1999	5,326,902	-	-	5,326,902	5,326,902	-
7/1/1999 - 6/30/2000	7,452,753	-	-	7,452,753	7,452,753	-
7/1/2000 - 6/30/2001	4,494,274	-	-	4,494,274	4,494,274	-
7/1/2001 - 6/30/2002	3,307,516	-	-	3,307,516	3,307,516	-
7/1/2002 - 6/30/2003	4,486,732	-	-	4,486,732	4,486,732	-
7/1/2003 - 6/30/2004	7,602,806	-	-	7,602,806	7,602,806	-
7/1/2004 - 6/30/2005	6,965,192	-	-	6,965,192	6,965,192	-
7/1/2005 - 6/30/2006	8,915,797	-	-	8,915,797	8,915,797	-
7/1/2006 - 6/30/2007	6,147,446	-	-	6,147,446	6,147,446	-
7/1/2007 - 6/30/2008	6,139,796	-	-	6,139,796	6,139,796	-
7/1/2008 - 6/30/2009	2,691,140	-	-	2,691,140	2,691,140	-
7/1/2009 - 6/30/2010	1,370,478	-	-	1,370,478	1,370,478	-
7/1/2010 - 6/30/2011	9,710,000	109,374	34,375	9,600,627	9,635,001	74,999
7/1/2011 - 6/30/2012	7,214,783	-	-	7,214,783	7,214,783	-
7/1/2012 - 6/30/2013	3,350,000	285,357	85,607	3,064,643	3,150,250	199,750
7/1/2013 - 6/30/2014	4,900,000	714,658	198,925	4,185,341	4,384,267	515,733
7/1/2014 - 6/30/2015	3,000,000	273,974	50,651	2,726,026	2,776,677	223,323
7/1/2015 - 6/30/2016	6,600,000	227,830	36,902	6,372,170	6,409,072	190,928
7/1/2016 - 6/30/2017	4,900,000	582,531	112,534	4,317,469	4,430,003	469,997
7/1/2017 - 6/30/2018	12,000,000	2,097,797	533,338	9,902,203	10,435,541	1,564,459
7/1/2018 - 6/30/2019	18,500,000	5,236,084	1,949,606	13,263,916	15,213,522	3,286,478
7/1/2019 - 6/30/2020	6,200,000	3,646,616	753,942	2,553,384	3,307,326	2,892,674
7/1/2020 - 6/30/2021	8,000,000	4,825,809	994,262	3,174,192	4,168,454	3,831,546
7/1/2021 - 6/30/2022	7,750,000	7,283,862	2,113,273	466,138	2,579,411	5,170,589
7/1/2022 - 6/30/2023	8,750,000	8,571,126	1,162,784	178,874	1,341,658	7,408,342
7/1/2023 - 6/30/2024	8,910,456	8,910,456	240,582	-	240,582	8,669,874
Total	\$ 262,287,441	\$ 42,765,474	\$ 8,266,781	\$ 219,521,968	\$ 227,788,749	\$ 34,498,692

- Notes: (a) See Exhibit 3. FY 2023-2024 from Exhibit 2, Sheet 1.
 (b) See Exhibit 1, Sheet 2 for 2023 and prior.
 (c) See Exhibit 11, Sheet 1, Column (3).
 (d) Provided by the State. Losses are net of excess insurance.
 (e) [(4) + (5)]
 (f) [(2) - (6)]

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2025

GENERAL LIABILITY

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/24 (b)	Est Paid Losses and ALAE btw 7/1/24 and 6/30/25 (c)	Paid Losses and ALAE as of 6/30/24 (d)	Paid Losses and ALAE as of 6/30/25 (e)	Estimated Unpaid Losses and ALAE as of 6/30/25 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 63,684,782	\$ -	\$ -	\$ 63,684,782	\$ 63,684,782	\$ -
7/1/1993 - 6/30/1994	4,976,166	-	-	4,976,166	4,976,166	-
7/1/1994 - 6/30/1995	5,410,121	-	-	5,410,121	5,410,121	-
7/1/1995 - 6/30/1996	5,965,379	-	-	5,965,379	5,965,379	-
7/1/1996 - 6/30/1997	2,841,160	-	-	2,841,160	2,841,160	-
7/1/1997 - 6/30/1998	4,723,762	-	-	4,723,762	4,723,762	-
7/1/1998 - 6/30/1999	5,326,902	-	-	5,326,902	5,326,902	-
7/1/1999 - 6/30/2000	7,452,753	-	-	7,452,753	7,452,753	-
7/1/2000 - 6/30/2001	4,494,274	-	-	4,494,274	4,494,274	-
7/1/2001 - 6/30/2002	3,307,516	-	-	3,307,516	3,307,516	-
7/1/2002 - 6/30/2003	4,486,732	-	-	4,486,732	4,486,732	-
7/1/2003 - 6/30/2004	7,602,806	-	-	7,602,806	7,602,806	-
7/1/2004 - 6/30/2005	6,965,192	-	-	6,965,192	6,965,192	-
7/1/2005 - 6/30/2006	8,915,797	-	-	8,915,797	8,915,797	-
7/1/2006 - 6/30/2007	6,147,446	-	-	6,147,446	6,147,446	-
7/1/2007 - 6/30/2008	6,139,796	-	-	6,139,796	6,139,796	-
7/1/2008 - 6/30/2009	2,691,140	-	-	2,691,140	2,691,140	-
7/1/2009 - 6/30/2010	1,370,478	-	-	1,370,478	1,370,478	-
7/1/2010 - 6/30/2011	9,710,000	74,999	21,875	9,635,001	9,656,876	53,124
7/1/2011 - 6/30/2012	7,214,783	-	-	7,214,783	7,214,783	-
7/1/2012 - 6/30/2013	3,350,000	199,750	57,071	3,150,250	3,207,321	142,679
7/1/2013 - 6/30/2014	4,900,000	515,733	154,720	4,384,267	4,538,987	361,013
7/1/2014 - 6/30/2015	3,000,000	223,323	62,162	2,776,677	2,838,839	161,161
7/1/2015 - 6/30/2016	6,600,000	190,928	35,298	6,409,072	6,444,370	155,630
7/1/2016 - 6/30/2017	4,900,000	469,997	76,126	4,430,003	4,506,129	393,871
7/1/2017 - 6/30/2018	12,000,000	1,564,459	302,225	10,435,541	10,737,766	1,262,234
7/1/2018 - 6/30/2019	18,500,000	3,286,478	835,545	15,213,522	16,049,067	2,450,933
7/1/2019 - 6/30/2020	6,200,000	2,892,674	1,077,060	3,307,326	4,384,386	1,815,614
7/1/2020 - 6/30/2021	8,000,000	3,831,546	792,176	4,168,454	4,960,630	3,039,370
7/1/2021 - 6/30/2022	7,750,000	5,170,589	1,065,297	2,579,411	3,644,708	4,105,292
7/1/2022 - 6/30/2023	8,750,000	7,408,342	2,149,388	1,341,658	3,491,046	5,258,954
7/1/2023 - 6/30/2024	8,910,456	8,669,874	1,176,180	240,582	1,416,762	7,493,694
7/1/2024 - 6/30/2025	9,387,139	9,387,139	253,453	-	253,453	9,133,686
Total	\$ 271,674,580	\$ 43,885,831	\$ 8,058,577	\$ 227,788,749	\$ 235,847,325	\$ 35,827,255

Notes: (a) See Exhibit 3. FY 2023-2024 and FY 2024-2025 from Exhibit 2, Sheet 1.

(b) See Exhibit 10, Sheet 1, Column (7).

(c) See Exhibit 11, Sheet 1, Column (4).

(d) See Exhibit 10, Sheet 1, Column (6).

(e) [(4) + (5)]

(f) [(2) - (6)]

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2026

GENERAL LIABILITY

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/25 (b)	Est Paid Losses and ALAE btw 7/1/25 and 6/30/26 (c)	Paid Losses and ALAE as of 6/30/25 (d)	Paid Losses and ALAE as of 6/30/26 (e)	Estimated Unpaid Losses and ALAE as of 6/30/26 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 63,684,782	\$ -	\$ -	\$ 63,684,782	\$ 63,684,782	\$ -
7/1/1993 - 6/30/1994	4,976,166	-	-	4,976,166	4,976,166	-
7/1/1994 - 6/30/1995	5,410,121	-	-	5,410,121	5,410,121	-
7/1/1995 - 6/30/1996	5,965,379	-	-	5,965,379	5,965,379	-
7/1/1996 - 6/30/1997	2,841,160	-	-	2,841,160	2,841,160	-
7/1/1997 - 6/30/1998	4,723,762	-	-	4,723,762	4,723,762	-
7/1/1998 - 6/30/1999	5,326,902	-	-	5,326,902	5,326,902	-
7/1/1999 - 6/30/2000	7,452,753	-	-	7,452,753	7,452,753	-
7/1/2000 - 6/30/2001	4,494,274	-	-	4,494,274	4,494,274	-
7/1/2001 - 6/30/2002	3,307,516	-	-	3,307,516	3,307,516	-
7/1/2002 - 6/30/2003	4,486,732	-	-	4,486,732	4,486,732	-
7/1/2003 - 6/30/2004	7,602,806	-	-	7,602,806	7,602,806	-
7/1/2004 - 6/30/2005	6,965,192	-	-	6,965,192	6,965,192	-
7/1/2005 - 6/30/2006	8,915,797	-	-	8,915,797	8,915,797	-
7/1/2006 - 6/30/2007	6,147,446	-	-	6,147,446	6,147,446	-
7/1/2007 - 6/30/2008	6,139,796	-	-	6,139,796	6,139,796	-
7/1/2008 - 6/30/2009	2,691,140	-	-	2,691,140	2,691,140	-
7/1/2009 - 6/30/2010	1,370,478	-	-	1,370,478	1,370,478	-
7/1/2010 - 6/30/2011	9,710,000	53,124	15,625	9,656,876	9,672,501	37,499
7/1/2011 - 6/30/2012	7,214,783	-	-	7,214,783	7,214,783	-
7/1/2012 - 6/30/2013	3,350,000	142,679	44,842	3,207,321	3,252,163	97,837
7/1/2013 - 6/30/2014	4,900,000	361,013	103,147	4,538,987	4,642,134	257,866
7/1/2014 - 6/30/2015	3,000,000	161,161	48,348	2,838,839	2,887,187	112,813
7/1/2015 - 6/30/2016	6,600,000	155,630	43,320	6,444,370	6,487,690	112,310
7/1/2016 - 6/30/2017	4,900,000	393,871	72,816	4,506,129	4,578,945	321,055
7/1/2017 - 6/30/2018	12,000,000	1,262,234	204,446	10,737,766	10,942,212	1,057,788
7/1/2018 - 6/30/2019	18,500,000	2,450,933	473,476	16,049,067	16,522,543	1,977,457
7/1/2019 - 6/30/2020	6,200,000	1,815,614	461,597	4,384,386	4,845,983	1,354,017
7/1/2020 - 6/30/2021	8,000,000	3,039,370	1,131,681	4,960,630	6,092,311	1,907,689
7/1/2021 - 6/30/2022	7,750,000	4,105,292	848,773	3,644,708	4,493,481	3,256,519
7/1/2022 - 6/30/2023	8,750,000	5,258,954	1,083,503	3,491,046	4,574,549	4,175,451
7/1/2023 - 6/30/2024	8,910,456	7,493,694	2,174,151	1,416,762	3,590,913	5,319,543
7/1/2024 - 6/30/2025	9,387,139	9,133,686	1,239,102	253,453	1,492,555	7,894,584
7/1/2025 - 6/30/2026	9,886,447	9,886,447	266,934	-	266,934	9,619,513
Total	\$ 281,561,027	\$ 45,713,702	\$ 8,211,761	\$ 235,847,325	\$ 244,059,086	\$ 37,501,941

Notes: (a) See Exhibit 3. FY 2023-2024, FY 2024-2025, and FY 2025-2026 from Exhibit 2, Sheet 1.

(b) See Exhibit 10, Sheet 2, Column (7).

(c) See Exhibit 11, Sheet 1, Column (5).

(d) See Exhibit 10, Sheet 2, Column (6).

(e) [(4) + (5)]

(f) [(2) - (6)]

STATE OF ALASKA

PROJECTED FISCAL CALENDAR YEAR PAYOUTS

GENERAL LIABILITY

Fiscal Year	Estimated Unpaid Losses and ALAE as of 6/30/23 (a)	Fiscal Calendar Year Payments (b)											
		7/1/23 - 6/30/24	7/1/24 - 6/30/25	7/1/25 - 6/30/26	7/1/26 - 6/30/27	7/1/27 - 6/30/28	7/1/28 - 6/30/29	7/1/29 - 6/30/30	7/1/30 - 6/30/31	7/1/31 - 6/30/32	7/1/32 - 6/30/33	7/1/33 - 6/30/34	7/1/34 - 6/30/35
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7/1/1993 - 6/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1994 - 6/30/1995	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1995 - 6/30/1996	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1996 - 6/30/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1997 - 6/30/1998	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1998 - 6/30/1999	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1999 - 6/30/2000	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2000 - 6/30/2001	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2001 - 6/30/2002	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2002 - 6/30/2003	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2003 - 6/30/2004	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2004 - 6/30/2005	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2005 - 6/30/2006	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2006 - 6/30/2007	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2007 - 6/30/2008	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2008 - 6/30/2009	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2009 - 6/30/2010	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2010 - 6/30/2011	109,374	34,375	21,875	15,625	12,500	9,375	6,250	3,125	3,125	3,125	-	-	-
7/1/2011 - 6/30/2012	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2012 - 6/30/2013	285,357	85,607	57,071	44,842	28,536	20,383	16,306	12,230	8,153	4,077	4,077	4,077	-
7/1/2013 - 6/30/2014	714,658	198,925	154,720	103,147	81,044	51,573	36,838	29,470	22,103	14,735	7,368	7,368	7,368
7/1/2014 - 6/30/2015	273,974	50,651	62,162	48,348	32,232	25,325	16,116	11,512	9,209	6,907	4,605	2,302	2,302
7/1/2015 - 6/30/2016	227,830	36,902	35,298	43,320	33,693	22,462	17,649	11,231	8,022	6,418	4,813	3,209	1,604
7/1/2016 - 6/30/2017	582,531	112,534	76,126	72,816	89,366	69,507	46,338	36,408	23,169	16,549	13,239	9,930	6,620
7/1/2017 - 6/30/2018	2,097,797	533,338	302,225	204,446	195,557	240,002	186,668	124,446	97,779	62,223	44,445	35,556	26,667
7/1/2018 - 6/30/2019	5,236,084	1,949,606	835,545	473,476	320,292	306,367	375,995	292,441	194,961	153,183	97,480	69,629	55,703
7/1/2019 - 6/30/2020	3,646,616	753,942	1,077,060	461,597	261,572	176,946	169,252	207,719	161,559	107,706	84,626	53,853	38,466
7/1/2020 - 6/30/2021	4,825,809	994,262	792,176	1,131,681	485,006	274,837	185,919	177,836	218,253	169,752	113,168	88,918	56,584
7/1/2021 - 6/30/2022	7,283,862	2,113,273	1,065,297	848,773	1,212,534	519,657	294,472	199,202	190,541	233,846	181,880	121,253	95,270
7/1/2022 - 6/30/2023	8,571,126	1,162,784	2,149,388	1,083,503	863,279	1,233,256	528,538	299,505	202,606	193,797	237,842	184,988	123,326
7/1/2023 - 6/30/2024	8,910,456	240,582	1,176,180	2,174,151	1,095,986	873,225	1,247,464	534,627	302,956	204,940	196,030	240,582	187,120
7/1/2024 - 6/30/2025	9,387,139	-	253,453	1,239,102	2,290,462	1,154,618	919,940	1,314,199	563,228	319,163	215,904	206,517	253,453
7/1/2025 - 6/30/2026	9,886,447	-	-	266,934	1,305,011	2,412,293	1,216,033	968,872	1,384,103	593,187	336,139	227,388	217,502
Total	\$ 62,039,060	\$ 8,266,781	\$ 8,058,577	\$ 8,211,761	\$ 8,307,069	\$ 7,389,824	\$ 5,263,779	\$ 4,222,822	\$ 3,389,766	\$ 2,089,608	\$ 1,541,616	\$ 1,255,570	\$ 1,071,985

Notes: (a) See Exhibit 1, Sheet 2 through 6/30/2023. See Exhibit 2, Sheet 1 for fiscal years beginning July 1, 2023 through June 30, 2026.
(b) Estimated reserve payout based on selected payment pattern in Exhibit 4, Sheet 1.

STATE OF ALASKA

PROJECTED FISCAL CALENDAR YEAR PAYOUTS

GENERAL LIABILITY

Fiscal Year	Fiscal Calendar Year Payments (b)												
	7/1/35 - 6/30/36	7/1/36 - 6/30/37	7/1/37 - 6/30/38	7/1/38 - 6/30/39	7/1/39 - 6/30/40	7/1/40 - 6/30/41	7/1/41 - 6/30/42	7/1/42 - 6/30/43	7/1/43 - 6/30/44	7/1/44 - 6/30/45	7/1/45 - 6/30/46	7/1/46 - 6/30/47	7/1/47 - 6/30/48
(1)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)
Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7/1/1993 - 6/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1994 - 6/30/1995	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1995 - 6/30/1996	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1996 - 6/30/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1997 - 6/30/1998	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1998 - 6/30/1999	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1999 - 6/30/2000	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2000 - 6/30/2001	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2001 - 6/30/2002	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2002 - 6/30/2003	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2003 - 6/30/2004	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2004 - 6/30/2005	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2005 - 6/30/2006	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2006 - 6/30/2007	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2007 - 6/30/2008	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2008 - 6/30/2009	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2009 - 6/30/2010	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2010 - 6/30/2011	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2011 - 6/30/2012	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2012 - 6/30/2013	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2013 - 6/30/2014	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2014 - 6/30/2015	2,302	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2015 - 6/30/2016	1,604	1,604	-	-	-	-	-	-	-	-	-	-	-
7/1/2016 - 6/30/2017	3,310	3,310	3,310	-	-	-	-	-	-	-	-	-	-
7/1/2017 - 6/30/2018	17,778	8,889	8,889	8,889	-	-	-	-	-	-	-	-	-
7/1/2018 - 6/30/2019	41,777	27,852	13,926	13,926	13,926	-	-	-	-	-	-	-	-
7/1/2019 - 6/30/2020	30,773	23,080	15,387	7,693	7,693	7,693	-	-	-	-	-	-	-
7/1/2020 - 6/30/2021	40,417	32,334	24,250	16,167	8,083	8,083	8,083	-	-	-	-	-	-
7/1/2021 - 6/30/2022	60,627	43,305	34,644	25,983	17,322	8,661	8,661	8,661	-	-	-	-	-
7/1/2022 - 6/30/2023	96,899	61,663	44,045	35,236	26,427	17,618	8,809	8,809	8,809	-	-	-	-
7/1/2023 - 6/30/2024	124,746	98,015	62,373	44,552	35,642	26,731	17,821	8,910	8,910	8,910	-	-	-
7/1/2024 - 6/30/2025	197,130	131,420	103,259	65,710	46,936	37,549	28,161	18,774	9,387	9,387	9,387	-	-
7/1/2025 - 6/30/2026	266,934	207,615	138,410	108,751	69,205	49,432	39,546	29,659	19,773	9,886	9,886	9,886	-
Total	\$ 884,298	\$ 639,086	\$ 448,492	\$ 326,907	\$ 225,234	\$ 155,768	\$ 111,081	\$ 74,814	\$ 46,879	\$ 28,184	\$ 19,274	\$ 9,886	\$ -

Notes: (a) See Exhibit 1, Sheet 2 through 6/30/2023. See Exhibit 2, Sheet 1 for fiscal years beginning July 1, 2023 through June 30, 2026.
(b) Estimated reserve payout based on selected payment pattern in Exhibit 4, Sheet 1.

STATE OF ALASKA

SIZE OF LOSS DISTRIBUTION

GENERAL LIABILITY

Fiscal Year	\$0	\$0.01-\$5,000	\$5,000-\$10,000	\$10,000-\$25,000	\$25,000-\$50,000	\$50,000-\$100,000	\$100,000-\$250,000	\$250,000-\$500,000	\$500,000-\$750,000	\$750,000-\$1,000,000	Over \$1,000,000	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Reported Claim Counts *												
Prior	3,797	3,807	324	393	257	201	171	70	30	9	22	9,081
7/1/2010 - 6/30/2011	36	25	7	11	10	9	5	2	-	1	2	108
7/1/2011 - 6/30/2012	61	24	4	7	6	5	5	1	-	-	1	114
7/1/2012 - 6/30/2013	42	27	5	9	6	4	5	1	2	-	-	101
7/1/2013 - 6/30/2014	18	25	3	6	7	4	7	1	3	1	-	75
7/1/2014 - 6/30/2015	14	12	6	10	3	6	4	-	2	-	-	57
7/1/2015 - 6/30/2016	24	11	8	5	4	6	5	-	2	2	1	68
7/1/2016 - 6/30/2017	17	22	7	5	3	1	1	3	-	2	1	62
7/1/2017 - 6/30/2018	48	82	3	3	8	3	3	2	3	-	3	158
7/1/2018 - 6/30/2019	18	18	3	7	4	18	8	3	3	-	3	85
7/1/2019 - 6/30/2020	23	28	11	5	4	7	1	1	1	1	1	83
7/1/2020 - 6/30/2021	13	40	8	11	10	4	3	1	1	-	1	92
7/1/2021 - 6/30/2022	21	55	10	10	4	2	1	-	1	-	-	104
7/1/2022 - 6/30/2023	29	32	6	7	3	-	3	-	-	-	-	80
Total	4,161	4,208	405	489	329	270	222	85	48	16	35	10,268
Reported Losses												
Prior	\$ -	\$ 3,224,932	\$ 2,339,069	\$ 6,515,855	\$ 9,119,576	\$ 14,180,587	\$ 26,434,506	\$ 23,928,739	\$ 18,037,771	\$ 7,914,415	\$ 42,018,679	\$ 153,714,128
7/1/2010 - 6/30/2011	-	40,217	46,520	166,311	341,281	691,558	653,234	647,467	-	998,694	6,031,831	9,617,112
7/1/2011 - 6/30/2012	-	35,166	31,648	119,888	184,531	323,664	951,996	342,382	-	-	5,225,509	7,214,783
7/1/2012 - 6/30/2013	-	51,268	34,535	130,279	204,880	310,514	766,960	363,100	1,212,914	-	-	3,074,449
7/1/2013 - 6/30/2014	-	37,670	24,997	99,150	286,974	264,348	1,188,131	259,403	1,730,725	752,547	-	4,643,945
7/1/2014 - 6/30/2015	-	18,329	50,315	191,697	131,873	410,693	821,607	-	1,101,512	-	-	2,726,026
7/1/2015 - 6/30/2016	-	17,183	60,586	92,947	114,966	420,890	685,880	-	1,383,497	1,523,540	2,072,680	6,372,170
7/1/2016 - 6/30/2017	-	28,026	46,995	85,755	124,266	59,574	190,265	985,475	-	1,736,735	1,213,844	4,470,935
7/1/2017 - 6/30/2018	-	230,159	23,647	52,827	284,758	227,272	526,416	870,401	1,820,153	-	7,162,723	11,198,356
7/1/2018 - 6/30/2019	-	49,718	24,653	124,623	149,374	1,271,830	1,249,783	1,087,048	1,739,222	-	11,912,295	17,608,548
7/1/2019 - 6/30/2020	-	32,758	76,125	89,603	132,859	502,068	191,252	469,001	675,807	798,092	1,443,248	4,410,813
7/1/2020 - 6/30/2021	-	56,805	56,667	197,277	341,628	280,592	510,379	330,417	558,500	-	1,314,535	3,646,801
7/1/2021 - 6/30/2022	-	88,667	66,943	183,351	128,478	184,063	125,000	-	509,889	-	-	1,286,392
7/1/2022 - 6/30/2023	-	57,308	48,492	104,758	116,738	-	604,566	-	-	-	-	931,861
Total	\$ -	\$ 3,968,206	\$ 2,931,191	\$ 8,154,322	\$ 11,662,182	\$ 19,127,655	\$ 34,899,976	\$ 29,283,431	\$ 28,769,989	\$ 13,724,024	\$ 78,395,344	\$ 230,916,320

* Reported claim counts are total number of claimants for all occurrences and may not match Exhibit 8.

Based on data provided by the State.

STATE OF ALASKA

SELF-INSURED RETENTIONS BY FISCAL YEAR

GENERAL LIABILITY

Fiscal Year	General Liability	Medical Malpractice
(1)	(2)	(3)
7/1/1980 - 6/30/1981	\$ 300,000	\$ 250,000
7/1/1981 - 6/30/1982	300,000	250,000
7/1/1982 - 6/30/1983	300,000	250,000
7/1/1983 - 6/30/1984	300,000	250,000
7/1/1984 - 6/30/1985	200,000	200,000
7/1/1985 - 6/30/1986	1,500,000	1,500,000
7/1/1986 - 6/30/1987 through 7/1/2000 - 6/30/2001	5,000,000	5,000,000
7/1/2001 - 6/30/2002 through Current	Unlimited	Unlimited

Retentions provided by the State.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2023

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9566	-
7/1/10-6/30/11	-	0.9570	-
7/1/11-6/30/12	-	0.9573	-
7/1/12-6/30/13	-	0.9534	-
7/1/13-6/30/14	-	0.9505	-
7/1/14-6/30/15	-	0.9384	-
7/1/15-6/30/16	-	0.9313	-
7/1/16-6/30/17	-	0.9328	-
7/1/17-6/30/18	-	0.9394	-
7/1/18-6/30/19	-	0.9471	-
7/1/19-6/30/20	94,131	0.9515	89,566
7/1/20-6/30/21	174,459	0.9502	165,771
7/1/21-6/30/22	236,598	0.9447	223,514
7/1/22-6/30/23	451,552	0.9367	422,969
Total	\$ 956,740		\$ 901,820

Notes: (a) See Sheet 2.
(b) See Exhibit 9.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2024

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9853	-
7/1/10-6/30/11	-	0.9566	-
7/1/11-6/30/12	-	0.9570	-
7/1/12-6/30/13	-	0.9573	-
7/1/13-6/30/14	-	0.9534	-
7/1/14-6/30/15	-	0.9505	-
7/1/15-6/30/16	-	0.9384	-
7/1/16-6/30/17	-	0.9313	-
7/1/17-6/30/18	-	0.9328	-
7/1/18-6/30/19	-	0.9394	-
7/1/19-6/30/20	48,349	0.9471	45,791
7/1/20-6/30/21	99,690	0.9515	94,855
7/1/21-6/30/22	153,093	0.9502	145,469
7/1/22-6/30/23	322,151	0.9447	304,336
7/1/23-6/30/24	469,745	0.9367	440,010
Total	\$ 1,093,028		\$ 1,030,461

Notes: (a) See Exhibit 10, Sheet 1.
(b) See Exhibit 9.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2025

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9853	-
7/1/10-6/30/11	-	0.9853	-
7/1/11-6/30/12	-	0.9566	-
7/1/12-6/30/13	-	0.9570	-
7/1/13-6/30/14	-	0.9573	-
7/1/14-6/30/15	-	0.9534	-
7/1/15-6/30/16	-	0.9505	-
7/1/16-6/30/17	-	0.9384	-
7/1/17-6/30/18	-	0.9313	-
7/1/18-6/30/19	-	0.9328	-
7/1/19-6/30/20	25,244	0.9394	23,714
7/1/20-6/30/21	51,204	0.9471	48,495
7/1/21-6/30/22	87,482	0.9515	83,239
7/1/22-6/30/23	208,451	0.9502	198,070
7/1/23-6/30/24	335,130	0.9447	316,597
7/1/24-6/30/25	495,582	0.9367	464,212
Total	\$ 1,203,093		\$ 1,134,327

Notes: (a) See Exhibit 10, Sheet 2.
(b) See Exhibit 9.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2026

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9853	-
7/1/10-6/30/11	-	0.9853	-
7/1/11-6/30/12	-	0.9853	-
7/1/12-6/30/13	-	0.9566	-
7/1/13-6/30/14	-	0.9570	-
7/1/14-6/30/15	-	0.9573	-
7/1/15-6/30/16	-	0.9534	-
7/1/16-6/30/17	-	0.9505	-
7/1/17-6/30/18	-	0.9384	-
7/1/18-6/30/19	-	0.9313	-
7/1/19-6/30/20	14,547	0.9328	13,569
7/1/20-6/30/21	26,734	0.9394	25,114
7/1/21-6/30/22	44,934	0.9471	42,557
7/1/22-6/30/23	119,115	0.9515	113,338
7/1/23-6/30/24	216,849	0.9502	206,050
7/1/24-6/30/25	353,563	0.9447	334,011
7/1/25-6/30/26	522,835	0.9367	489,740
Total	\$ 1,298,577		\$ 1,224,379

Notes: (a) See Exhibit 10, Sheet 3.
(b) See Exhibit 9.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM

AS OF JUNE 30, 2023

DEVELOPMENT OF LIMITED UNDISCOUNTED RESERVES FOR LOSSES AND ALAE

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Reported Losses and ALAE (b)	Paid Losses and ALAE (b)	Case Reserves for Losses and ALAE [(3) - (4)]	IBNR Reserves for Losses and ALAE [(2) - (3)]	Total Reserves for Losses and ALAE [(5) + (6)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 8,781,614	\$ 8,781,614	\$ 8,781,614	\$ -	\$ -	\$ -
7/1/93-6/30/94	614,168	614,168	614,168	-	-	-
7/1/94-6/30/95	1,077,919	1,077,919	1,077,919	-	-	-
7/1/95-6/30/96	245,054	245,054	245,054	-	-	-
7/1/96-6/30/97	657,273	657,273	657,273	-	-	-
7/1/97-6/30/98	1,629,762	1,629,762	1,629,762	-	-	-
7/1/98-6/30/99	1,594,384	1,594,384	1,594,384	-	-	-
7/1/99-6/30/00	856,884	856,884	856,884	-	-	-
7/1/00-6/30/01	2,362,842	2,362,842	2,362,842	-	-	-
7/1/01-6/30/02	1,736,876	1,736,876	1,736,876	-	-	-
7/1/02-6/30/03	445,268	445,268	445,268	-	-	-
7/1/03-6/30/04	964,719	964,719	964,719	-	-	-
7/1/04-6/30/05	329,484	329,484	329,484	-	-	-
7/1/05-6/30/06	511,785	511,785	511,785	-	-	-
7/1/06-6/30/07	308,887	308,887	308,887	-	-	-
7/1/07-6/30/08	418,169	418,169	418,169	-	-	-
7/1/08-6/30/09	322,302	322,302	322,302	-	-	-
7/1/09-6/30/10	2,812,740	2,812,740	2,812,740	-	-	-
7/1/10-6/30/11	666,288	666,288	666,288	-	-	-
7/1/11-6/30/12	1,891,499	1,891,499	1,891,499	-	-	-
7/1/12-6/30/13	424,928	424,928	424,928	-	-	-
7/1/13-6/30/14	617,926	617,926	617,926	-	-	-
7/1/14-6/30/15	278,480	278,480	278,480	-	-	-
7/1/15-6/30/16	209,551	209,551	209,551	-	-	-
7/1/16-6/30/17	161,437	161,437	161,437	-	-	-
7/1/17-6/30/18	391,095	391,095	391,095	-	-	-
7/1/18-6/30/19	706,864	706,864	706,864	-	-	-
7/1/19-6/30/20	400,000	305,869	305,869	-	94,131	94,131
7/1/20-6/30/21	325,000	156,065	150,542	5,524	168,935	174,459
7/1/21-6/30/22	650,000	466,599	413,402	53,197	183,401	236,598
7/1/22-6/30/23	550,000	185,891	98,448	87,443	364,109	451,552
Total	\$ 32,943,196	\$ 32,132,621	\$ 31,986,457	\$ 146,164	\$ 810,576	\$ 956,740

Notes: (a) See Exhibit 3.
(b) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM AS OF JUNE 30, 2023

RECONCILIATION OF RESERVE BALANCE

(1) Reserve Balance (Undiscounted) as of June 30, 2022 (a)	\$ 907,588
(2) Reserve as of June 30, 2023 for accidents that occurred between July 1, 2022 and June 30, 2023 (b)	451,552
(3) Change in Case Reserves on accidents that occurred prior to July 1, 2022 (c)	(217,709)
(4) Change in IBNR (d)	(184,691)
(5) Reserve Balance (Undiscounted) as of June 30, 2023 [(1) + (2) + (3) + (4)]	\$ 956,739
(6) Payments between July 1, 2022 and June 30, 2023 on accidents that occurred prior to July 1, 2022 (c)	\$ 475,360
(7) Change in Actuarial Estimates [(3) + (4) + (6)]	\$ 72,959

- Notes: (a) See June 30, 2022 actuarial report.
 (b) See Sheet 2 for period 7/1/22-6/30/23.
 (c) Based on data provided by the State.
 (d) Balancing item. Reflects changes in IBNR for accidents prior to 7/1/22.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM

DEVELOPMENT OF FUTURE FUNDING AMOUNTS AS OF JUNE 30, 2023

UNLIMITED RETENTION

Self Funded Period	Selected Loss Cost at 7/1/23 Level (a)	Trend Factor (b)	Adjusted Loss Cost [(2) × (3)]	Projected Vehicle Count (c)	Expected Unlimited Funding Amount [(4) × (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/23-6/30/24	\$ 72.00	1.055	\$ 75.96	7,415	\$ 563,243
7/1/24-6/30/25	72.00	1.113	80.14	7,415	594,223
7/1/25-6/30/26	72.00	1.174	84.55	7,415	626,901

AT \$1,000,000 RETENTION

Self Funded Period	Expected Unlimited Funding Amount (d)	Retention Factor (e)	Expected Funding Amount at Retained Limits [(8) × (9)]
(7)	(8)	(9)	(10)
7/1/23-6/30/24	\$ 563,243	0.700	\$ 394,270
7/1/24-6/30/25	594,223	0.700	415,956
7/1/25-6/30/26	626,901	0.700	438,831

Notes: (a) See Sheet 2.

(b) Based on an assumed annual trend of 5.5%.

(c) Assumed trend of 0.0% per annum subsequent to FY 2022-2023.

(d) Column (6) above.

(e) Based on industry increased limits factors for Alaska.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF UNLIMITED PROJECTED LOSS RATES

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Vehicle Count (b)	Factor to Adjust to Current Level Trend (c)	Indicated Loss Rate (d)
(1)	(2)	(3)	(4)	(5)
7/1/02-6/30/03	\$ 445,268	4,481	2.918	\$ 289.96
7/1/03-6/30/04	964,719	3,545	2.766	752.73
7/1/04-6/30/05	329,484	2,608	2.622	331.25
7/1/05-6/30/06	511,785	2,608	2.485	487.65
7/1/06-6/30/07	308,887	2,608	2.355	278.92
7/1/07-6/30/08	418,169	2,700	2.232	345.69
7/1/08-6/30/09	322,302	2,669	2.116	255.52
7/1/09-6/30/10	2,812,740	2,696	2.006	2,092.86
7/1/10-6/30/11	666,288	5,587	1.901	226.71
7/1/11-6/30/12	1,891,499	6,334	1.802	538.12
7/1/12-6/30/13	424,928	7,220	1.708	100.52
7/1/13-6/30/14	617,926	7,275	1.619	137.52
7/1/14-6/30/15	278,480	7,717	1.535	55.39
7/1/15-6/30/16	209,551	7,717	1.455	39.51
7/1/16-6/30/17	161,437	7,054	1.379	31.56
7/1/17-6/30/18	391,095	7,089	1.307	72.11
7/1/18-6/30/19	706,864	7,388	1.239	118.54
7/1/19-6/30/20	400,000	7,366	1.174	63.75
7/1/20-6/30/21	325,000	7,354	1.113	49.19
7/1/20-6/30/21	650,000	7,338	1.055	93.45
7/1/22-6/30/23	550,000	7,415	1.000	74.17
Total/Wght Avg	\$ 13,386,421	116,769		\$ 213.23
(7) Straight average all				\$ 306.43
(8) Straight average last 5				79.82
(9) Straight average last 3				72.27
(10) Exposure weighted-average all				213.23
(11) Exposure weighted-average last 5				79.84
(12) Exposure weighted-average last 3				72.26
(13) Selected Current Level Loss Cost				\$ 72.00

- Notes: (a) See Exhibit 3.
(b) Provided by the State.
(c) Based on an assumed trend of 5.5% per annum.
(d) [(2) × (4) ÷ (3)]

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM
AS OF JUNE 30, 2023

SELECTED LIMITED ULTIMATE LOSSES AND ALAE

Fiscal Year	Projected Ultimate Losses and ALAE based on data through June 30, 2023					Paid Losses and ALAE (e)	Reported Losses and ALAE (e)	Prior Selected (f)	Selected (g)
	Reported Method (a)	Paid Method (a)	Unreported Method (b)	Unpaid Method (c)	Expected Method (d)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Prior						\$ 8,781,614	\$ 8,781,614	\$ 8,781,614	\$ 8,781,614 (g)
7/1/93-6/30/94	\$ 614,168	\$ 614,168				614,168	614,168	614,168	614,168
7/1/94-6/30/95	1,077,919	1,077,919				1,077,919	1,077,919	1,077,919	1,077,919
7/1/95-6/30/96	245,054	245,054				245,054	245,054	245,054	245,054
7/1/96-6/30/97	657,273	657,273				657,273	657,273	657,273	657,273
7/1/97-6/30/98	1,629,762	1,629,762				1,629,762	1,629,762	1,629,762	1,629,762
7/1/98-6/30/99	1,594,384	1,594,384				1,594,384	1,594,384	1,594,384	1,594,384
7/1/99-6/30/00	856,884	856,884				856,884	856,884	856,884	856,884
7/1/00-6/30/01	2,362,842	2,362,842				2,362,842	2,362,842	2,362,842	2,362,842
7/1/01-6/30/02	1,736,876	1,736,876				1,736,876	1,736,876	1,736,876	1,736,876
7/1/02-6/30/03	445,268	445,268	\$ 445,268	\$ 445,268	\$ 112,206	445,268	445,268	445,268	445,268
7/1/03-6/30/04	964,719	964,719	964,719	964,719	93,646	964,719	964,719	964,719	964,719
7/1/04-6/30/05	329,484	329,484	329,484	329,484	72,678	329,484	329,484	329,484	329,484
7/1/05-6/30/06	511,785	511,785	511,785	511,785	76,684	511,785	511,785	511,785	511,785
7/1/06-6/30/07	308,887	308,887	308,887	308,887	80,917	308,887	308,887	308,887	308,887
7/1/07-6/30/08	418,169	418,169	418,169	418,169	88,388	418,169	418,169	418,169	418,169
7/1/08-6/30/09	322,302	322,625	322,302	322,394	92,163	322,302	322,302	322,302	322,302
7/1/09-6/30/10	2,815,552	2,815,552	2,812,838	2,812,838	98,201	2,812,740	2,812,740	2,812,740	2,812,740
7/1/10-6/30/11	666,955	667,621	666,503	666,717	214,744	666,288	666,288	666,288	666,288
7/1/11-6/30/12	1,895,282	1,899,065	1,892,013	1,892,526	256,832	1,891,499	1,891,499	1,891,499	1,891,499
7/1/12-6/30/13	426,203	427,902	425,855	427,090	308,869	424,928	424,928	424,928	424,928
7/1/13-6/30/14	621,015	625,341	619,568	621,866	328,331	617,926	617,926	617,926	617,926
7/1/14-6/30/15	279,873	282,936	280,317	284,357	367,338	278,480	278,480	278,480	278,480
7/1/15-6/30/16	210,599	214,161	211,489	218,077	387,535	209,551	209,551	209,551	209,551
7/1/16-6/30/17	162,890	167,087	164,801	174,145	373,763	161,437	161,437	161,437	161,437
7/1/17-6/30/18	398,917	415,734	399,021	414,477	396,310	391,095	391,095	475,000	391,095
7/1/18-6/30/19	735,846	797,343	723,856	756,097	435,693	706,864	706,864	700,000	706,864
7/1/19-6/30/20	334,009	392,124	344,379	406,727	458,447	305,869	305,869	400,000	400,000
7/1/20-6/30/21	188,683	244,781	239,587	336,414	482,785	150,542	156,065	325,000	325,000
7/1/21-6/30/22	675,169	1,020,690	623,638	715,792	508,218	413,402	466,599	500,000	650,000
7/1/22-6/30/23	391,858	592,163	470,876	550,307	541,797	98,448	185,891	503,203	550,000
Total						\$ 31,986,457	\$ 32,132,621	\$ 32,823,440	\$ 32,943,196
Subtotal 93-23	\$ 23,878,627	\$ 24,638,599				\$ 23,204,843	\$ 23,351,007	\$ 24,041,827	\$ 24,161,583
Subtotal 02-23	\$ 13,103,465	\$ 13,863,437	\$ 13,175,354	\$ 13,578,135	\$ 5,775,545	\$ 12,429,682	\$ 12,575,845	\$ 13,266,665	\$ 13,386,421

- Notes: (a) See Exhibit 4, Sheet 1.
 (b) See Exhibit 5.
 (c) See Exhibit 6.
 (d) See Exhibit 7.
 (e) Provided by the State. Losses are net of excess insurance
 (f) From June 30, 2022 actuarial report.
 (g) Based on judgment.

STATE OF ALASKA

**AUTOMOBILE LIABILITY PROGRAM
AS OF JUNE 30, 2023**

**DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE
REPORTED / PAID DEVELOPMENT METHODS**

Fiscal Year	Reported Losses and ALAE (a)	Development Factor to Ultimate (b)	Projected Ultimate Losses and ALAE [(2) × (3)]	Paid Losses and ALAE (a)	Development Factor to Ultimate (c)	Projected Ultimate Losses and ALAE [(5) × (6)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)
7/1/93-6/30/94	\$ 614,168	1.000	\$ 614,168	\$ 614,168	1.000	\$ 614,168
7/1/94-6/30/95	1,077,919	1.000	1,077,919	1,077,919	1.000	1,077,919
7/1/95-6/30/96	245,054	1.000	245,054	245,054	1.000	245,054
7/1/96-6/30/97	657,273	1.000	657,273	657,273	1.000	657,273
7/1/97-6/30/98	1,629,762	1.000	1,629,762	1,629,762	1.000	1,629,762
7/1/98-6/30/99	1,594,384	1.000	1,594,384	1,594,384	1.000	1,594,384
7/1/99-6/30/00	856,884	1.000	856,884	856,884	1.000	856,884
7/1/00-6/30/01	2,362,842	1.000	2,362,842	2,362,842	1.000	2,362,842
7/1/01-6/30/02	1,736,876	1.000	1,736,876	1,736,876	1.000	1,736,876
7/1/02-6/30/03	445,268	1.000	445,268	445,268	1.000	445,268
7/1/03-6/30/04	964,719	1.000	964,719	964,719	1.000	964,719
7/1/04-6/30/05	329,484	1.000	329,484	329,484	1.000	329,484
7/1/05-6/30/06	511,785	1.000	511,785	511,785	1.000	511,785
7/1/06-6/30/07	308,887	1.000	308,887	308,887	1.000	308,887
7/1/07-6/30/08	418,169	1.000	418,169	418,169	1.000	418,169
7/1/08-6/30/09	322,302	1.000	322,302	322,302	1.001	322,625
7/1/09-6/30/10	2,812,740	1.001	2,815,552	2,812,740	1.001	2,815,552
7/1/10-6/30/11	666,288	1.001	666,955	666,288	1.002	667,621
7/1/11-6/30/12	1,891,499	1.002	1,895,282	1,891,499	1.004	1,899,065
7/1/12-6/30/13	424,928	1.003	426,203	424,928	1.007	427,902
7/1/13-6/30/14	617,926	1.005	621,015	617,926	1.012	625,341
7/1/14-6/30/15	278,480	1.005	279,873	278,480	1.016	282,936
7/1/15-6/30/16	209,551	1.005	210,599	209,551	1.022	214,161
7/1/16-6/30/17	161,437	1.009	162,890	161,437	1.035	167,087
7/1/17-6/30/18	391,095	1.020	398,917	391,095	1.063	415,734
7/1/18-6/30/19	706,864	1.041	735,846	706,864	1.128	797,343
7/1/19-6/30/20	305,869	1.092	334,009	305,869	1.282	392,124
7/1/20-6/30/21	156,065	1.209	188,683	150,542	1.626	244,781
7/1/21-6/30/22	466,599	1.447	675,169	413,402	2.469	1,020,690
7/1/22-6/30/23	185,891	2.108	391,858	98,448	6.015	592,163
Total	\$ 23,351,007		\$ 23,878,627	\$ 23,204,843		\$ 24,638,599

Notes: (a) Provided by the State. Losses are net of excess insurance.
(b) See Sheets 2 and 3.
(c) See Sheets 4 and 5.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM
AS OF JUNE 30, 2023

LIMITED REPORTED LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	
7/1/93-6/30/94												614	614	614	614	
7/1/94-6/30/95											1,096	1,096	1,096	1,078	1,096	
7/1/95-6/30/96										245	245	245	245	245	245	
7/1/96-6/30/97									657	657	657	657	657	657	657	
7/1/97-6/30/98								1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	
7/1/98-6/30/99							852	1,595	1,595	1,595	1,594	1,595	1,595	1,595	1,594	
7/1/99-6/30/00							857	857	857	857	857	857	857	857	857	
7/1/00-6/30/01					2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	
7/1/01-6/30/02				1,078	1,827	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	
7/1/02-6/30/03			485	480	445	445	445	445	445	445	445	445	445	445	445	
7/1/03-6/30/04		549	648	954	969	970	964	964	965	965	965	965	965	965	965	
7/1/04-6/30/05	389	322	335	330	329	329	329	329	329	329	329	329	329	329	329	
7/1/05-6/30/06	403	183	286	419	454	554	512	512	512	512	512	510	510	510	510	
7/1/06-6/30/07	338	360	363	352	309	309	309	309	309	309	309	309	309	309	309	
7/1/07-6/30/08	299	487	449	420	418	418	418	418	418	418	418	418	418	418	418	
7/1/08-6/30/09	342	413	333	322	322	322	322	322	322	322	322	322	322	322	322	
7/1/09-6/30/10	1,197	2,807	2,875	2,935	2,935	2,813	2,813	2,813	2,813	2,813	2,813	2,813	2,813	2,813	2,813	
7/1/10-6/30/11	334	522	663	663	664	667	666	666	666	666	666	666	666	666	666	
7/1/11-6/30/12	321	1,127	1,452	1,471	1,471	1,483	1,971	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	
7/1/12-6/30/13	380	437	423	443	425	425	425	425	425	425	425	425	425	425	425	
7/1/13-6/30/14	264	316	361	496	493	618	618	618	618	618	618	618	618	618	618	
7/1/14-6/30/15	181	208	283	278	278	278	278	278	278	278	278	278	278	278	278	
7/1/15-6/30/16	172	157	224	210	210	210	210	210	210	210	210	210	210	210	210	
7/1/16-6/30/17	148	148	167	167	167	161	161	161	161	161	161	161	161	161	161	
7/1/17-6/30/18	265	258	469	464	448	391										
7/1/18-6/30/19	252	588	615	655	707											
7/1/19-6/30/20	194	207	297	306												
7/1/20-6/30/21	65	134	156													
7/1/21-6/30/22	235	467														
7/1/22-6/30/23	186															

Fiscal Year	Link Ratios															
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	
7/1/93-6/30/94												1.000	1.000	1.000	1.000	
7/1/94-6/30/95											1.000	1.000	0.984	1.017	1.000	
7/1/95-6/30/96										1.000	1.000	1.000	1.000	1.000	1.000	
7/1/96-6/30/97									1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/97-6/30/98							1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/98-6/30/99							1.000	0.999	1.001	1.000	1.000	0.999	1.000	1.000	1.000	
7/1/99-6/30/00						1.006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/00-6/30/01					1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/01-6/30/02				1.695	0.951	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/02-6/30/03			0.990	0.927	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/03-6/30/04		1.180	1.472	1.016	1.001	0.994	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/04-6/30/05	0.828	1.040	0.985	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/05-6/30/06	0.454	1.563	1.465	1.084	1.220	0.924	1.000	1.000	1.000	1.000	0.996	1.000	1.000	1.000	1.000	
7/1/06-6/30/07	1.065	1.008	0.970	0.878	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/07-6/30/08	1.629	0.922	0.935	0.995	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/08-6/30/09	1.208	0.806	0.967	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	
7/1/09-6/30/10	2.345	1.024	1.021	1.000	0.958	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/10-6/30/11	1.563	1.270	1.000	1.002	1.005	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/11-6/30/12	3.511	1.288	1.013	1.000	1.008	1.329	0.959	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/12-6/30/13	1.150	0.968	1.047	0.959	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/13-6/30/14	1.197	1.142	1.374	0.994	1.254	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/14-6/30/15	1.149	1.361	0.982	1.000	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/15-6/30/16	0.913	1.427	0.938	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/16-6/30/17	1.000	1.128	1.000	1.000	0.967	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/17-6/30/18	0.974	1.818	0.989	0.965	0.873	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/18-6/30/19	2.333	1.046	1.065	1.080	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/19-6/30/20	1.067	1.437	1.029	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/20-6/30/21	2.060	1.165	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/21-6/30/22	1.986	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Avg All	1.468	1.200	1.069	1.033	1.013	1.014	0.998	1.000	1.000	1.000	1.000	1.000	0.999	1.001	1.000	
Avg Latest 3	1.704	1.216	1.028	1.015	0.947	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
\$ Avg All	1.582	1.128	1.059	1.060	0.998	1.030	0.995	1.000	1.000	1.000	1.000	1.000	0.999	1.001	1.000	
\$ Avg Latest 3	1.635	1.150	1.031	1.028	0.924	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Industry	1.457	1.197	1.107	1.049	1.021	1.011	1.004	1.000	1.000	1.002	1.001	1.001	1.000	1.001	1.000	
Prior Selected	1.457	1.190	1.097	1.044	1.018	1.009	1.003	1.001	1.000	1.003	1.002	1.001	1.001	1.000	1.001	
Selected	1.457	1.197	1.107	1.049	1.021	1.011	1.004	1.000	1.000	1.002	1.001	1.001	1.000	1.001	1.000	
Age-Ultimate	2.108	1.447	1.209	1.092	1.041	1.020	1.009	1.005	1.005	1.005	1.003	1.002	1.001	1.001	1.000	

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA
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LIMITED REPORTED LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	614	614	614	614	614	614	614	614	614	614	614	614	614	614	614
7/1/94-6/30/95	1,096	1,096	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078
7/1/95-6/30/96	245	245	245	245	245	245	245	245	245	245	245	245	245	245	
7/1/96-6/30/97	657	657	657	657	657	657	657	657	657	657	657	657	657	657	
7/1/97-6/30/98	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	
7/1/98-6/30/99	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	
7/1/99-6/30/00	857	857	857	857	857	857	857	857	857	857	857	857	857	857	
7/1/00-6/30/01	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	
7/1/01-6/30/02	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	
7/1/02-6/30/03	445	445	445	445	445	445	445	445	445	445	445	445	445	445	
7/1/03-6/30/04	965	965	965	965	965	965	965	965	965	965	965	965	965	965	
7/1/04-6/30/05	329	329	329	329	329	329	329	329	329	329	329	329	329	329	
7/1/05-6/30/06	510	512	512	512	512	512	512	512	512	512	512	512	512	512	
7/1/06-6/30/07	309	309	309	309	309	309	309	309	309	309	309	309	309	309	
7/1/07-6/30/08	418	418	418	418	418	418	418	418	418	418	418	418	418	418	
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/94-6/30/95	1.000	0.984	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															
Avg All	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg All	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg Latest 3	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

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STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM
AS OF JUNE 30, 2023

LIMITED PAID LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	
7/1/93-6/30/94													614	614	614	614
7/1/94-6/30/95											1,078	1,078	1,078	1,078	1,078	
7/1/95-6/30/96										245	245	245	245	245	245	
7/1/96-6/30/97									657	657	657	657	657	657	657	
7/1/97-6/30/98								1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	
7/1/98-6/30/99							852	857	857	857	857	857	857	857	857	
7/1/99-6/30/00					2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	
7/1/00-6/30/01				411	535	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	
7/1/01-6/30/02			445	445	445	445	445	445	445	445	445	445	445	445	445	
7/1/02-6/30/03		525	567	949	964	965	964	964	965	965	965	965	965	965	965	
7/1/03-6/30/04	183	255	329	329	329	329	329	329	329	329	329	329	329	329	329	
7/1/04-6/30/05	97	114	195	268	377	489	512	512	512	512	512	510	510	510	510	
7/1/05-6/30/06	258	303	309	309	309	309	309	309	309	309	309	309	309	309	309	
7/1/06-6/30/07	227	364	418	418	418	418	418	418	418	418	418	418	418	418	418	
7/1/07-6/30/08	259	297	322	322	322	322	322	322	322	322	322	322	322	322	322	
7/1/08-6/30/09	340	2,279	2,446	2,813	2,813	2,813	2,813	2,813	2,813	2,813	2,813	2,813	2,813	2,813	2,813	
7/1/09-6/30/10	130	260	663	663	664	666	666	666	666	666	666	666	666	666	666	
7/1/10-6/30/11	310	352	1,343	1,349	1,363	1,383	1,883	1,891	1,891	1,891	1,891	1,891	1,891	1,891	1,891	
7/1/11-6/30/12	355	362	423	425	425	425	425	425	425	425	425	425	425	425	425	
7/1/12-6/30/13	209	266	336	426	464	618	618	618	618	618	618	618	618	618	618	
7/1/13-6/30/14	100	192	278	278	278	278	278	278	278	278	278	278	278	278	278	
7/1/14-6/30/15	95	154	207	210	210	210	210	210	210	210	210	210	210	210	210	
7/1/15-6/30/16	95	144	158	161	161	161	161	161	161	161	161	161	161	161	161	
7/1/16-6/30/17	162	207	258	357	371	391	391	391	391	391	391	391	391	391	391	
7/1/17-6/30/18	69	463	535	577	707	707	707	707	707	707	707	707	707	707	707	
7/1/18-6/30/19	145	168	253	306	306	306	306	306	306	306	306	306	306	306	306	
7/1/19-6/30/20	34	126	151	151	151	151	151	151	151	151	151	151	151	151	151	
7/1/20-6/30/21	166	413	413	413	413	413	413	413	413	413	413	413	413	413	413	
7/1/21-6/30/22	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	
7/1/22-6/30/23	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	

Fiscal Year	Link Ratios															
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	
7/1/93-6/30/94													1.000	1.000	1.000	1.000
7/1/94-6/30/95													1.000	1.000	1.000	1.017
7/1/95-6/30/96											1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97										1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98								1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99							1.000	1.000	1.000	1.000	1.001	1.000	0.999	1.000	1.000	1.000
7/1/99-6/30/00						1.006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01					1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02				1.302	3.247	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03			1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04		1.080	1.674	1.016	1.001	0.999	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.393	1.290	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.175	1.711	1.374	1.407	1.297	1.047	1.000	1.000	1.000	1.000	0.996	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.174	1.020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08	1.604	1.148	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/08-6/30/09	1.147	1.084	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000
7/1/09-6/30/10	6.703	1.073	1.150	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/10-6/30/11	2.000	2.550	1.000	1.002	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/11-6/30/12	1.135	3.815	1.004	1.010	1.015	1.362	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/12-6/30/13	1.020	1.169	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/13-6/30/14	1.273	1.263	1.268	1.089	1.332	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/14-6/30/15	1.920	1.448	1.000	1.000	1.000	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/15-6/30/16	1.621	1.344	1.014	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/16-6/30/17	1.516	1.097	1.019	1.000	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/17-6/30/18	1.278	1.246	1.384	1.039	1.055	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/18-6/30/19	6.710	1.156	1.078	1.226	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/19-6/30/20	1.159	1.507	1.208	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/20-6/30/21	3.710	1.193	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/21-6/30/22	2.496	2.496	2.496	2.496	2.496	2.496	2.496	2.496	2.496	2.496	2.496	2.496	2.496	2.496	2.496	2.496
Avg All	2.169	1.455	1.121	1.061	1.164	1.023	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001
Avg Latest 3	2.455	1.285	1.223	1.088	1.019	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg All	2.078	1.345	1.118	1.042	1.118	1.036	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001
\$ Avg Latest 3	2.053	1.240	1.185	1.132	1.028	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	2.436	1.519	1.268	1.136	1.061	1.027	1.013	1.006	1.004	1.005	1.003	1.002	1.001	1.000	1.001	1.001
Prior Selected	2.362	1.493	1.256	1.124	1.053	1.023	1.010	1.004	1.002	1.005	1.003	1.002	1.001	1.001	1.001	1.001
Selected	2.436	1.519	1.268	1.136	1.061	1.027	1.013	1.006	1.004	1.005	1.003	1.002	1.001	1.000	1.001	1.001
Age-Ultimate	6.015	2.469	1.626	1.282	1.128	1.063	1.035	1.022	1.016	1.012	1.007	1.004	1.002	1.001	1.001	1.001

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM
AS OF JUNE 30, 2023

LIMITED PAID LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	614	614	614	614	614	614	614	614	614	614	614	614	614	614	614
7/1/94-6/30/95	1,096	1,096	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078	1,078
7/1/95-6/30/96	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245
7/1/96-6/30/97	657	657	657	657	657	657	657	657	657	657	657	657	657	657	657
7/1/97-6/30/98	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630
7/1/98-6/30/99	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594	1,594
7/1/99-6/30/00	857	857	857	857	857	857	857	857	857	857	857	857	857	857	857
7/1/00-6/30/01	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363	2,363
7/1/01-6/30/02	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737	1,737
7/1/02-6/30/03	445	445	445	445	445	445	445	445	445	445	445	445	445	445	445
7/1/03-6/30/04	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965
7/1/04-6/30/05	329	329	329	329	329	329	329	329	329	329	329	329	329	329	329
7/1/05-6/30/06	510	512	512	512	512	512	512	512	512	512	512	512	512	512	512
7/1/06-6/30/07	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309
7/1/07-6/30/08	418	418	418	418	418	418	418	418	418	418	418	418	418	418	418
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/94-6/30/95	1.000	0.984	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															
Avg All	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg All	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg Latest 3	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE UNREPORTED METHOD

Fiscal Year	Expected Losses and ALAE (a)	Expected Percentage Unreported (b)	Expected Unreported Losses and ALAE [(2) × (3)]	Reported Losses and ALAE as of 6/30/23 (c)	Projected Ultimate Losses and ALAE [(4) + (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 112,206	0.000	\$ -	\$ 445,268	\$ 445,268
7/1/03-6/30/04	93,646	0.000	-	964,719	964,719
7/1/04-6/30/05	72,678	0.000	-	329,484	329,484
7/1/05-6/30/06	76,684	0.000	-	511,785	511,785
7/1/06-6/30/07	80,917	0.000	-	308,887	308,887
7/1/07-6/30/08	88,388	0.000	-	418,169	418,169
7/1/08-6/30/09	92,163	0.000	-	322,302	322,302
7/1/09-6/30/10	98,201	0.001	98	2,812,740	2,812,838
7/1/10-6/30/11	214,744	0.001	215	666,288	666,503
7/1/11-6/30/12	256,832	0.002	514	1,891,499	1,892,013
7/1/12-6/30/13	308,869	0.003	927	424,928	425,855
7/1/13-6/30/14	328,331	0.005	1,642	617,926	619,568
7/1/14-6/30/15	367,338	0.005	1,837	278,480	280,317
7/1/15-6/30/16	387,535	0.005	1,938	209,551	211,489
7/1/16-6/30/17	373,763	0.009	3,364	161,437	164,801
7/1/17-6/30/18	396,310	0.020	7,926	391,095	399,021
7/1/18-6/30/19	435,693	0.039	16,992	706,864	723,856
7/1/19-6/30/20	458,447	0.084	38,510	305,869	344,379
7/1/20-6/30/21	482,785	0.173	83,522	156,065	239,587
7/1/21-6/30/22	508,218	0.309	157,039	466,599	623,638
7/1/22-6/30/23	541,797	0.526	284,985	185,891	470,876
Total	\$ 5,775,545		\$ 599,509	\$ 12,575,845	\$ 13,175,354

- Notes: (a) See Exhibit 7.
(b) Based on reporting pattern shown on Exhibit 4, Sheet 1.
(c) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE UNPAID METHOD

Fiscal Year	Expected Losses and ALAE (a)	Expected Percentage Unpaid (b)	Expected Unpaid Losses and ALAE [(2) × (3)]	Paid Losses and ALAE as of 6/30/23 (c)	Projected Ultimate Losses and ALAE [(4) + (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 112,206	0.000	\$ -	\$ 445,268	\$ 445,268
7/1/03-6/30/04	93,646	0.000	-	964,719	964,719
7/1/04-6/30/05	72,678	0.000	-	329,484	329,484
7/1/05-6/30/06	76,684	0.000	-	511,785	511,785
7/1/06-6/30/07	80,917	0.000	-	308,887	308,887
7/1/07-6/30/08	88,388	0.000	-	418,169	418,169
7/1/08-6/30/09	92,163	0.001	92	322,302	322,394
7/1/09-6/30/10	98,201	0.001	98	2,812,740	2,812,838
7/1/10-6/30/11	214,744	0.002	429	666,288	666,717
7/1/11-6/30/12	256,832	0.004	1,027	1,891,499	1,892,526
7/1/12-6/30/13	308,869	0.007	2,162	424,928	427,090
7/1/13-6/30/14	328,331	0.012	3,940	617,926	621,866
7/1/14-6/30/15	367,338	0.016	5,877	278,480	284,357
7/1/15-6/30/16	387,535	0.022	8,526	209,551	218,077
7/1/16-6/30/17	373,763	0.034	12,708	161,437	174,145
7/1/17-6/30/18	396,310	0.059	23,382	391,095	414,477
7/1/18-6/30/19	435,693	0.113	49,233	706,864	756,097
7/1/19-6/30/20	458,447	0.220	100,858	305,869	406,727
7/1/20-6/30/21	482,785	0.385	185,872	150,542	336,414
7/1/21-6/30/22	508,218	0.595	302,390	413,402	715,792
7/1/22-6/30/23	541,797	0.834	451,859	98,448	550,307
Total	\$ 5,775,545		\$ 1,148,453	\$ 12,429,682	\$ 13,578,135

- Notes: (a) See Exhibit 7.
 (b) Based on payment pattern shown on Exhibit 4, Sheet 1.
 (c) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM
AS OF JUNE 30, 2023

DEVELOPMENT OF ULTIMATE LOSSES AND ALAE
EXPECTED LOSS METHOD

Fiscal Year	Vehicle Counts (a)	Reported Losses and ALAE as of 6/30/2022 (a)	Loss Trend (b)	Curr. Level Reported Losses and ALAE as of 6/30/2022 (c)	Reported Loss Development Factor (d)	Detrended Aggregate Onlevel Loss Cost (f)	Expected Losses and ALAE (g)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
7/1/02-6/30/03	4,481	\$ 445,268	2.918	\$ 1,299,291	1.000	\$ 25.04	\$ 112,206
7/1/03-6/30/04	3,545	964,719	2.766	2,668,412	1.000	26.42	93,646
7/1/04-6/30/05	2,608	329,484	2.622	863,908	1.000	27.87	72,678
7/1/05-6/30/06	2,608	511,785	2.485	1,271,785	1.000	29.40	76,684
7/1/06-6/30/07	2,608	308,887	2.355	727,428	1.000	31.03	80,917
7/1/07-6/30/08	2,700	418,169	2.232	933,353	1.000	32.74	88,388
7/1/08-6/30/09	2,669	322,302	2.116	681,992	1.000	34.53	92,163
7/1/09-6/30/10	2,696	2,812,740	2.006	5,642,356	1.001	36.42	98,201
7/1/10-6/30/11	5,587	666,288	1.901	1,266,614	1.001	38.44	214,744
7/1/11-6/30/12	6,334	1,891,499	1.802	3,408,481	1.002	40.55	256,832
7/1/12-6/30/13	7,220	424,928	1.708	725,777	1.003	42.78	308,869
7/1/13-6/30/14	7,275	617,926	1.619	1,000,422	1.005	45.13	328,331
7/1/14-6/30/15	7,717	278,480	1.535	427,467	1.005	47.60	367,338
7/1/15-6/30/16	7,717	209,551	1.455	304,896	1.005	50.22	387,535
7/1/16-6/30/17	7,054	161,437	1.379	222,622	1.009	52.99	373,763
7/1/17-6/30/18	7,089	391,095	1.307	511,161	1.020	55.90	396,310
7/1/18-6/30/19	7,388	706,864	1.239	875,805	1.041	58.97	435,693
7/1/19-6/30/20	7,366	305,869	1.174	359,090	1.092	62.24	458,447
7/1/20-6/30/21	7,354	156,065	1.113	173,701	1.209	65.65	482,785
7/1/21-6/30/22	7,338	466,599	1.055	492,262	1.447	69.26	508,218
7/1/22-6/30/23	7,415	185,891	1.000	185,891	2.108	73.07	541,797
Total	116,769	\$ 12,575,845		\$ 24,042,714			\$ 5,775,545
(9) Selected Loss Annual Trend Rate (b)				1.055			
(10) Aggregate Onlevel Loss Cost (/ Vehicle) (e)				\$ 73.07			

- Notes: (a) Provided by the State. Losses are net of excess insurance.
 (b) Based on an assumed annual loss trend of 5.5%.
 (c) $[(3) \times (4)]$
 (d) See Exhibit 4, Sheet 1.
 (e) $\text{Sum}((5)) \div \text{Sumproduct}((2), 1.0 \div (6))$ Includes FY 7/1/12 through 6/30/2022 only.
 (f) $[(10) \div (4)]$
 (g) $[(2) \times (7)]$

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ULTIMATE CLAIMS

Fiscal Year	Reported Claims (a)	Development Factor to Ultimate (b)	Projected Ultimate Claims (c)
(1)	(2)	(3)	(4)
7/1/93-6/30/94	343	1.000	343
7/1/94-6/30/95	402	1.000	402
7/1/95-6/30/96	296	1.000	296
7/1/96-6/30/97	307	1.000	307
7/1/97-6/30/98	317	1.000	317
7/1/98-6/30/99	393	1.000	393
7/1/99-6/30/00	307	1.000	307
7/1/00-6/30/01	275	1.000	275
7/1/01-6/30/02	298	1.000	298
7/1/02-6/30/03	225	1.000	225
7/1/03-6/30/04	300	1.000	300
7/1/04-6/30/05	274	1.000	274
7/1/05-6/30/06	96	1.000	96
7/1/06-6/30/07	159	1.000	159
7/1/07-6/30/08	172	1.000	172
7/1/08-6/30/09	173	1.000	173
7/1/09-6/30/10	187	1.000	187
7/1/10-6/30/11	183	1.000	183
7/1/11-6/30/12	294	1.000	294
7/1/12-6/30/13	234	1.000	234
7/1/13-6/30/14	178	1.000	178
7/1/14-6/30/15	108	1.000	108
7/1/15-6/30/16	89	1.000	89
7/1/16-6/30/17	83	1.000	83
7/1/17-6/30/18	126	1.000	126
7/1/18-6/30/19	85	1.000	85
7/1/19-6/30/20	40	1.000	40
7/1/20-6/30/21	26	1.001	26
7/1/21-6/30/22	60	1.010	61
7/1/22-6/30/23	31	1.116	35
Total	6,061		6,066

Notes: (a) Data provided by the State.
(b) See Sheets 2, 3.
(c) [(2) × (3)]

STATE OF ALASKA
AUTOMOBILE LIABILITY PROGRAM
AS OF JUNE 30, 2023

REPORTED CLAIM COUNTS

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94												348	348	348	348
7/1/94-6/30/95											416	416	416	416	416
7/1/95-6/30/96										308	308	308	308	308	308
7/1/96-6/30/97									330	330	330	330	330	330	330
7/1/97-6/30/98								343	343	343	343	343	343	343	343
7/1/98-6/30/99							404	404	404	404	404	404	404	404	404
7/1/99-6/30/00						314	314	314	314	314	314	314	314	313	313
7/1/00-6/30/01					298	298	298	298	298	298	298	299	299	299	299
7/1/01-6/30/02				313	313	313	313	313	313	313	313	313	313	313	313
7/1/02-6/30/03			223	223	223	223	223	223	223	223	223	223	226	226	221
7/1/03-6/30/04		302	302	302	302	302	302	302	302	300	300	300	300	300	300
7/1/04-6/30/05	263	275	276	276	276	276	276	276	274	274	274	274	274	274	274
7/1/05-6/30/06	84	95	96	96	96	96	96	96	96	96	96	96	96	96	96
7/1/06-6/30/07	147	159	159	159	159	159	159	159	159	159	159	159	159	159	159
7/1/07-6/30/08	160	171	172	172	172	172	172	172	172	172	172	172	172	172	172
7/1/08-6/30/09	147	175	175	175	172	172	173	173	172	172	172	172	172	173	173
7/1/09-6/30/10	181	187	187	187	187	187	187	187	187	187	187	187	187	187	187
7/1/10-6/30/11	170	183	183	183	183	183	183	183	183	183	183	183	183	183	183
7/1/11-6/30/12	271	291	291	294	294	291	291	291	291	291	294	294			
7/1/12-6/30/13	218	231	233	234	233	233	233	233	233	234	234				
7/1/13-6/30/14	169	176	178	178	178	178	178	178	178	178					
7/1/14-6/30/15	102	108	109	109	108	108	108	108	108	108					
7/1/15-6/30/16	85	88	89	89	89	89	89	89	89						
7/1/16-6/30/17	72	83	93	83	83	83	83	83							
7/1/17-6/30/18	107	122	126	126	126	126									
7/1/18-6/30/19	45	85	85	85	85										
7/1/19-6/30/20	38	38	40	40											
7/1/20-6/30/21	6	26	26												
7/1/21-6/30/22	45	60													
7/1/22-6/30/23	31														

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94												1.000	1.000	1.000	1.000
7/1/94-6/30/95												1.000	1.000	1.000	1.000
7/1/95-6/30/96										1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97									1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98								1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99							1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00						1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.997	1.000	1.000
7/1/00-6/30/01					1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.003	1.000	1.000	1.000
7/1/01-6/30/02				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03			1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.013	1.000	0.978	1.000
7/1/03-6/30/04		1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.993	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.046	1.004	1.000	1.000	1.000	1.000	1.000	0.993	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.131	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.082	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08	1.069	1.006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/08-6/30/09	1.190	1.000	1.000	0.983	1.000	1.006	1.000	0.994	1.000	1.000	1.000	1.000	1.000	1.006	1.000
7/1/09-6/30/10	1.033	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/10-6/30/11	1.076	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/11-6/30/12	1.074	1.000	1.010	1.000	0.990	1.000	1.000	1.000	1.000	1.000	1.010	1.000	1.000	1.000	1.000
7/1/12-6/30/13	1.060	1.009	1.004	0.996	1.000	1.000	1.000	1.000	1.004	1.000	1.000	1.000	1.000	1.000	1.000
7/1/13-6/30/14	1.041	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/14-6/30/15	1.059	1.009	1.000	0.991	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/15-6/30/16	1.035	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/16-6/30/17	1.153	1.120	0.892	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/17-6/30/18	1.140	1.033	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/18-6/30/19	1.889	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/19-6/30/20	1.000	1.053	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/20-6/30/21	4.333	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/21-6/30/22	1.333	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg All	1.319	1.015	0.995	0.998	0.999	1.000	1.000	0.999	1.000	1.001	1.001	1.000	1.000	0.999	1.000
Avg Latest 3	2.222	1.018	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.003	1.000	1.000	1.002	1.000	1.000
Wght Avg All	1.105	1.009	0.998	0.998	0.999	1.000	1.000	0.999	1.000	1.001	1.000	1.001	1.000	0.999	1.000
Wght Avg Latest 3	1.393	1.013	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.004	1.000	1.000	1.002	1.000	1.000
Industry															
Prior Selected	1.101	1.009	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.105	1.009	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.116	1.010	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA
AUTOMOBILE LIABILITY PROGRAM
AS OF JUNE 30, 2023

REPORTED CLAIM COUNTS

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	348	348	348	348	348	348	348	348	348	348	348	348	348	343	343
7/1/94-6/30/95	416	416	416	416	416	416	416	416	416	416	416	416	416	402	
7/1/95-6/30/96	308	308	308	308	308	308	308	307	307	307	307	296	296		
7/1/96-6/30/97	330	330	330	330	330	330	330	328	328	328	307	307			
7/1/97-6/30/98	343	343	343	343	343	343	343	343	343	317	317				
7/1/98-6/30/99	404	404	404	404	404	404	404	404	393	393					
7/1/99-6/30/00	313	313	313	313	313	313	313	307	307						
7/1/00-6/30/01	299	299	284	284	284	284	275	275							
7/1/01-6/30/02	313	313	313	313	313	298	298								
7/1/02-6/30/03	221	221	221	221	225	225									
7/1/03-6/30/04	300	300	300	300	300										
7/1/04-6/30/05	274	274	274	274											
7/1/05-6/30/06	96	96	96												
7/1/06-6/30/07	159	159													
7/1/07-6/30/08	172														
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.986	1.000	
7/1/94-6/30/95	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.966	1.000		
7/1/95-6/30/96	1.000	1.000	1.000	1.000	1.000	1.000	0.997	1.000	1.000	1.000	0.964	1.000			
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	0.994	1.000	1.000	0.936	1.000				
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.924	1.000					
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.973	1.000						
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	0.981	1.000							
7/1/00-6/30/01	1.000	0.950	1.000	1.000	1.000	0.968	1.000								
7/1/01-6/30/02	1.000	1.000	1.000	1.000	0.952	1.000									
7/1/02-6/30/03	1.000	1.000	1.000	1.018	1.000										
7/1/03-6/30/04	1.000	1.000	1.000	1.000											
7/1/04-6/30/05	1.000	1.000	1.000												
7/1/05-6/30/06	1.000	1.000													
7/1/06-6/30/07	1.000														
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
Avg All	1.000	0.996	1.000	1.002	0.995	0.996	0.997	0.996	0.987	0.987	0.991	0.989	0.993	1.000	
Avg Latest 3	1.000	1.000	1.000	1.006	0.984	0.989	0.994	0.991	0.975	0.979	0.988	0.989	0.993	1.000	
\$ Avg All	1.000	0.996	1.000	1.001	0.995	0.997	0.997	0.996	0.988	0.988	0.992	0.987	0.993	1.000	
\$ Avg Latest 3	1.000	1.000	1.000	1.005	0.982	0.990	0.994	0.990	0.976	0.978	0.989	0.987	0.993	1.000	
Industry															
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

AUTOMOBILE LIABILITY PROGRAM AS OF JUNE 30, 2023

CALCULATION OF DISCOUNT FACTORS 3.0% RATE OF RETURN

<u>Period</u>	<u>Payment Made in Period (a)</u>	<u>Remaining Payments at Beginning of Period (b)</u>	<u>Present Value of Remaining Payments (c)</u>	<u>Reserve Discount Factor [(4) ÷ (3)]</u>
(1)	(2)	(3)	(4)	(5)
1	0.166	1.000	0.922	0.9220
2	0.239	0.834	0.781	0.9367
3	0.210	0.595	0.562	0.9447
4	0.165	0.385	0.366	0.9502
5	0.107	0.220	0.209	0.9515
6	0.054	0.113	0.107	0.9471
7	0.025	0.059	0.055	0.9394
8	0.012	0.034	0.032	0.9328
9	0.006	0.022	0.020	0.9313
10	0.004	0.016	0.015	0.9384
11	0.005	0.012	0.011	0.9505
12	0.003	0.007	0.007	0.9534
13	0.002	0.004	0.004	0.9573
14	0.001	0.002	0.002	0.9570
15	0.000	0.001	0.001	0.9566
16	0.001	0.001	0.001	0.9853

- Notes: (a) Based on payment pattern shown in Exhibit 4, Sheet 1.
 (b) Upward sum of Column (2).
 (c) Based on a 3.0% rate of return.

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2024

AUTOMOBILE LIABILITY PROGRAM

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/23 (b)	Est Paid Losses and ALAE btw 7/1/23 and 6/30/24 (c)	Paid Losses and ALAE as of 6/30/23 (d)	Paid Losses and ALAE as of 6/30/24 (e)	Estimated Unpaid Losses and ALAE as of 6/30/24 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 8,781,614	\$ -	\$ -	\$ 8,781,614	\$ 8,781,614	\$ -
7/1/1993 - 6/30/1994	614,168	-	-	614,168	614,168	-
7/1/1994 - 6/30/1995	1,077,919	-	-	1,077,919	1,077,919	-
7/1/1995 - 6/30/1996	245,054	-	-	245,054	245,054	-
7/1/1996 - 6/30/1997	657,273	-	-	657,273	657,273	-
7/1/1997 - 6/30/1998	1,629,762	-	-	1,629,762	1,629,762	-
7/1/1998 - 6/30/1999	1,594,384	-	-	1,594,384	1,594,384	-
7/1/1999 - 6/30/2000	856,884	-	-	856,884	856,884	-
7/1/2000 - 6/30/2001	2,362,842	-	-	2,362,842	2,362,842	-
7/1/2001 - 6/30/2002	1,736,876	-	-	1,736,876	1,736,876	-
7/1/2002 - 6/30/2003	445,268	-	-	445,268	445,268	-
7/1/2003 - 6/30/2004	964,719	-	-	964,719	964,719	-
7/1/2004 - 6/30/2005	329,484	-	-	329,484	329,484	-
7/1/2005 - 6/30/2006	511,785	-	-	511,785	511,785	-
7/1/2006 - 6/30/2007	308,887	-	-	308,887	308,887	-
7/1/2007 - 6/30/2008	418,169	-	-	418,169	418,169	-
7/1/2008 - 6/30/2009	322,302	-	-	322,302	322,302	-
7/1/2009 - 6/30/2010	2,812,740	-	-	2,812,740	2,812,740	-
7/1/2010 - 6/30/2011	666,288	-	-	666,288	666,288	-
7/1/2011 - 6/30/2012	1,891,499	-	-	1,891,499	1,891,499	-
7/1/2012 - 6/30/2013	424,928	-	-	424,928	424,928	-
7/1/2013 - 6/30/2014	617,926	-	-	617,926	617,926	-
7/1/2014 - 6/30/2015	278,480	-	-	278,480	278,480	-
7/1/2015 - 6/30/2016	209,551	-	-	209,551	209,551	-
7/1/2016 - 6/30/2017	161,437	-	-	161,437	161,437	-
7/1/2017 - 6/30/2018	391,095	-	-	391,095	391,095	-
7/1/2018 - 6/30/2019	706,864	-	-	706,864	706,864	-
7/1/2019 - 6/30/2020	400,000	94,131	45,782	305,869	351,651	48,349
7/1/2020 - 6/30/2021	325,000	174,459	74,768	150,542	225,310	99,690
7/1/2021 - 6/30/2022	650,000	236,598	83,505	413,402	496,907	153,093
7/1/2022 - 6/30/2023	550,000	451,552	129,402	98,448	227,849	322,151
7/1/2023 - 6/30/2024	563,243	563,243	93,498	-	93,498	469,745
Total	\$ 33,506,441	\$ 1,519,983	\$ 426,955	\$ 31,986,457	\$ 32,413,413	\$ 1,093,028

- Notes: (a) See Exhibit 3. FY 2023-2024 from Exhibit 2, Sheet 1.
 (b) See Exhibit 1, Sheet 2 for 2023 and prior.
 (c) See Exhibit 11, Sheet 1, Column (3).
 (d) Provided by the State. Losses are net of excess insurance.
 (e) [(4) + (5)]
 (f) [(2) - (6)]

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2025

AUTOMOBILE LIABILITY PROGRAM

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/24 (b)	Est Paid Losses and ALAE btw 7/1/24 and 6/30/25 (c)	Paid Losses and ALAE as of 6/30/24 (d)	Paid Losses and ALAE as of 6/30/25 (e)	Estimated Unpaid Losses and ALAE as of 6/30/25 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 8,781,614	\$ -	\$ -	\$ 8,781,614	\$ 8,781,614	\$ -
7/1/1993 - 6/30/1994	614,168	-	-	614,168	614,168	-
7/1/1994 - 6/30/1995	1,077,919	-	-	1,077,919	1,077,919	-
7/1/1995 - 6/30/1996	245,054	-	-	245,054	245,054	-
7/1/1996 - 6/30/1997	657,273	-	-	657,273	657,273	-
7/1/1997 - 6/30/1998	1,629,762	-	-	1,629,762	1,629,762	-
7/1/1998 - 6/30/1999	1,594,384	-	-	1,594,384	1,594,384	-
7/1/1999 - 6/30/2000	856,884	-	-	856,884	856,884	-
7/1/2000 - 6/30/2001	2,362,842	-	-	2,362,842	2,362,842	-
7/1/2001 - 6/30/2002	1,736,876	-	-	1,736,876	1,736,876	-
7/1/2002 - 6/30/2003	445,268	-	-	445,268	445,268	-
7/1/2003 - 6/30/2004	964,719	-	-	964,719	964,719	-
7/1/2004 - 6/30/2005	329,484	-	-	329,484	329,484	-
7/1/2005 - 6/30/2006	511,785	-	-	511,785	511,785	-
7/1/2006 - 6/30/2007	308,887	-	-	308,887	308,887	-
7/1/2007 - 6/30/2008	418,169	-	-	418,169	418,169	-
7/1/2008 - 6/30/2009	322,302	-	-	322,302	322,302	-
7/1/2009 - 6/30/2010	2,812,740	-	-	2,812,740	2,812,740	-
7/1/2010 - 6/30/2011	666,288	-	-	666,288	666,288	-
7/1/2011 - 6/30/2012	1,891,499	-	-	1,891,499	1,891,499	-
7/1/2012 - 6/30/2013	424,928	-	-	424,928	424,928	-
7/1/2013 - 6/30/2014	617,926	-	-	617,926	617,926	-
7/1/2014 - 6/30/2015	278,480	-	-	278,480	278,480	-
7/1/2015 - 6/30/2016	209,551	-	-	209,551	209,551	-
7/1/2016 - 6/30/2017	161,437	-	-	161,437	161,437	-
7/1/2017 - 6/30/2018	391,095	-	-	391,095	391,095	-
7/1/2018 - 6/30/2019	706,864	-	-	706,864	706,864	-
7/1/2019 - 6/30/2020	400,000	48,349	23,105	351,651	374,756	25,244
7/1/2020 - 6/30/2021	325,000	99,690	48,486	225,310	273,796	51,204
7/1/2021 - 6/30/2022	650,000	153,093	65,611	496,907	562,518	87,482
7/1/2022 - 6/30/2023	550,000	322,151	113,700	227,849	341,549	208,451
7/1/2023 - 6/30/2024	563,243	469,745	134,615	93,498	228,113	335,130
7/1/2024 - 6/30/2025	594,223	594,223	98,641	-	98,641	495,582
Total	\$ 34,100,664	\$ 1,687,251	\$ 484,158	\$ 32,413,413	\$ 32,897,571	\$ 1,203,093

Notes: (a) See Exhibit 3. FY 2023-2024 and FY 2024-2025 from Exhibit 2, Sheet 1.

(b) See Exhibit 10, Sheet 1, Column (7).

(c) See Exhibit 11, Sheet 1, Column (4).

(d) See Exhibit 10, Sheet 1, Column (6).

(e) [(4) + (5)]

(f) [(2) - (6)]

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2026

AUTOMOBILE LIABILITY PROGRAM

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/25 (b)	Est Paid Losses and ALAE btw 7/1/25 and 6/30/26 (c)	Paid Losses and ALAE as of 6/30/25 (d)	Paid Losses and ALAE as of 6/30/26 (e)	Estimated Unpaid Losses and ALAE as of 6/30/26 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 8,781,614	\$ -	\$ -	\$ 8,781,614	\$ 8,781,614	\$ -
7/1/1993 - 6/30/1994	614,168	-	-	614,168	614,168	-
7/1/1994 - 6/30/1995	1,077,919	-	-	1,077,919	1,077,919	-
7/1/1995 - 6/30/1996	245,054	-	-	245,054	245,054	-
7/1/1996 - 6/30/1997	657,273	-	-	657,273	657,273	-
7/1/1997 - 6/30/1998	1,629,762	-	-	1,629,762	1,629,762	-
7/1/1998 - 6/30/1999	1,594,384	-	-	1,594,384	1,594,384	-
7/1/1999 - 6/30/2000	856,884	-	-	856,884	856,884	-
7/1/2000 - 6/30/2001	2,362,842	-	-	2,362,842	2,362,842	-
7/1/2001 - 6/30/2002	1,736,876	-	-	1,736,876	1,736,876	-
7/1/2002 - 6/30/2003	445,268	-	-	445,268	445,268	-
7/1/2003 - 6/30/2004	964,719	-	-	964,719	964,719	-
7/1/2004 - 6/30/2005	329,484	-	-	329,484	329,484	-
7/1/2005 - 6/30/2006	511,785	-	-	511,785	511,785	-
7/1/2006 - 6/30/2007	308,887	-	-	308,887	308,887	-
7/1/2007 - 6/30/2008	418,169	-	-	418,169	418,169	-
7/1/2008 - 6/30/2009	322,302	-	-	322,302	322,302	-
7/1/2009 - 6/30/2010	2,812,740	-	-	2,812,740	2,812,740	-
7/1/2010 - 6/30/2011	666,288	-	-	666,288	666,288	-
7/1/2011 - 6/30/2012	1,891,499	-	-	1,891,499	1,891,499	-
7/1/2012 - 6/30/2013	424,928	-	-	424,928	424,928	-
7/1/2013 - 6/30/2014	617,926	-	-	617,926	617,926	-
7/1/2014 - 6/30/2015	278,480	-	-	278,480	278,480	-
7/1/2015 - 6/30/2016	209,551	-	-	209,551	209,551	-
7/1/2016 - 6/30/2017	161,437	-	-	161,437	161,437	-
7/1/2017 - 6/30/2018	391,095	-	-	391,095	391,095	-
7/1/2018 - 6/30/2019	706,864	-	-	706,864	706,864	-
7/1/2019 - 6/30/2020	400,000	25,244	10,697	374,756	385,453	14,547
7/1/2020 - 6/30/2021	325,000	51,204	24,470	273,796	298,266	26,734
7/1/2021 - 6/30/2022	650,000	87,482	42,548	562,518	605,066	44,934
7/1/2022 - 6/30/2023	550,000	208,451	89,336	341,549	430,885	119,115
7/1/2023 - 6/30/2024	563,243	335,130	118,281	228,113	346,394	216,849
7/1/2024 - 6/30/2025	594,223	495,582	142,019	98,641	240,660	353,563
7/1/2025 - 6/30/2026	626,901	626,901	104,066	-	104,066	522,835
Total	\$ 34,727,565	\$ 1,829,994	\$ 531,416	\$ 32,897,571	\$ 33,428,988	\$ 1,298,577

Notes: (a) See Exhibit 3. FY 2023-2024, FY 2024-2025, and FY 2025-2026 from Exhibit 2, Sheet 1.
(b) See Exhibit 10, Sheet 2, Column (7).
(c) See Exhibit 11, Sheet 1, Column (5).
(d) See Exhibit 10, Sheet 2, Column (6).
(e) [(4) + (5)]
(f) [(2) - (6)]

STATE OF ALASKA

PROJECTED FISCAL CALENDAR YEAR PAYOUTS

AUTOMOBILE LIABILITY PROGRAM

Fiscal Year	Estimated Unpaid Losses and ALAE as of 6/30/23 (a)	Fiscal Calendar Year Payments (b)												
		7/1/23 - 6/30/24	7/1/24 - 6/30/25	7/1/25 - 6/30/26	7/1/26 - 6/30/27	7/1/27 - 6/30/28	7/1/28 - 6/30/29	7/1/29 - 6/30/30	7/1/30 - 6/30/31	7/1/31 - 6/30/32	7/1/32 - 6/30/33	7/1/33 - 6/30/34	7/1/34 - 6/30/35	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7/1/1993 - 6/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/1994 - 6/30/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/1995 - 6/30/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/1996 - 6/30/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/1997 - 6/30/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/1998 - 6/30/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/1999 - 6/30/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2000 - 6/30/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2001 - 6/30/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2002 - 6/30/2003	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2003 - 6/30/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2004 - 6/30/2005	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2005 - 6/30/2006	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2006 - 6/30/2007	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2007 - 6/30/2008	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2008 - 6/30/2009	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2009 - 6/30/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2010 - 6/30/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2011 - 6/30/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2012 - 6/30/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2013 - 6/30/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2014 - 6/30/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2015 - 6/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2016 - 6/30/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2017 - 6/30/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2018 - 6/30/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2019 - 6/30/2020	94,131	45,782	23,105	10,697	5,134	2,567	1,711	2,139	1,284	856	428	-	428	
7/1/2020 - 6/30/2021	174,459	74,768	48,486	24,470	11,329	5,438	2,719	1,813	2,266	1,359	906	453	-	
7/1/2021 - 6/30/2022	236,598	83,505	65,611	42,548	21,473	9,941	4,772	2,386	1,591	1,988	1,193	795	398	
7/1/2022 - 6/30/2023	451,552	129,402	113,700	89,336	57,933	29,237	13,536	6,497	3,249	2,166	2,707	1,624	1,083	
7/1/2023 - 6/30/2024	563,243	93,498	134,615	118,281	92,935	60,267	30,415	14,081	6,759	3,379	2,253	2,816	1,690	
7/1/2024 - 6/30/2025	594,223	-	98,641	142,019	124,787	98,047	63,582	32,088	14,856	7,131	3,565	2,377	2,971	
7/1/2025 - 6/30/2026	626,901	-	-	104,066	149,829	131,649	103,439	67,078	33,853	15,673	7,523	3,761	2,508	
Total	\$ 2,741,107	\$ 426,955	\$ 484,158	\$ 531,416	\$ 463,420	\$ 337,146	\$ 220,173	\$ 126,082	\$ 63,856	\$ 32,552	\$ 18,575	\$ 11,827	\$ 9,077	

Notes: (a) See Exhibit 1, Sheet 2 through 6/30/2023. See Exhibit 2, Sheet 1 for fiscal years beginning July 1, 2023 through June 30, 2026.
(b) Estimated reserve payout based on selected payment pattern in Exhibit 4, Sheet 1.

STATE OF ALASKA
PROJECTED FISCAL CALENDAR YEAR PAYOUTS
AUTOMOBILE LIABILITY PROGRAM

Fiscal Year	Fiscal Calendar Year Payments (b)						
	7/1/35 - 6/30/36	7/1/36 - 6/30/37	7/1/37 - 6/30/38	7/1/38 - 6/30/39	7/1/39 - 6/30/40	7/1/40 - 6/30/41	7/1/41 - 6/30/42
(1)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7/1/1993 - 6/30/1994	-	-	-	-	-	-	-
7/1/1994 - 6/30/1995	-	-	-	-	-	-	-
7/1/1995 - 6/30/1996	-	-	-	-	-	-	-
7/1/1996 - 6/30/1997	-	-	-	-	-	-	-
7/1/1997 - 6/30/1998	-	-	-	-	-	-	-
7/1/1998 - 6/30/1999	-	-	-	-	-	-	-
7/1/1999 - 6/30/2000	-	-	-	-	-	-	-
7/1/2000 - 6/30/2001	-	-	-	-	-	-	-
7/1/2001 - 6/30/2002	-	-	-	-	-	-	-
7/1/2002 - 6/30/2003	-	-	-	-	-	-	-
7/1/2003 - 6/30/2004	-	-	-	-	-	-	-
7/1/2004 - 6/30/2005	-	-	-	-	-	-	-
7/1/2005 - 6/30/2006	-	-	-	-	-	-	-
7/1/2006 - 6/30/2007	-	-	-	-	-	-	-
7/1/2007 - 6/30/2008	-	-	-	-	-	-	-
7/1/2008 - 6/30/2009	-	-	-	-	-	-	-
7/1/2009 - 6/30/2010	-	-	-	-	-	-	-
7/1/2010 - 6/30/2011	-	-	-	-	-	-	-
7/1/2011 - 6/30/2012	-	-	-	-	-	-	-
7/1/2012 - 6/30/2013	-	-	-	-	-	-	-
7/1/2013 - 6/30/2014	-	-	-	-	-	-	-
7/1/2014 - 6/30/2015	-	-	-	-	-	-	-
7/1/2015 - 6/30/2016	-	-	-	-	-	-	-
7/1/2016 - 6/30/2017	-	-	-	-	-	-	-
7/1/2017 - 6/30/2018	-	-	-	-	-	-	-
7/1/2018 - 6/30/2019	-	-	-	-	-	-	-
7/1/2019 - 6/30/2020	-	-	-	-	-	-	-
7/1/2020 - 6/30/2021	453	-	-	-	-	-	-
7/1/2021 - 6/30/2022	-	398	-	-	-	-	-
7/1/2022 - 6/30/2023	541	-	541	-	-	-	-
7/1/2023 - 6/30/2024	1,126	563	-	563	-	-	-
7/1/2024 - 6/30/2025	1,783	1,188	594	-	594	-	-
7/1/2025 - 6/30/2026	3,135	1,881	1,254	627	-	627	-
Total	\$ 7,038	\$ 4,030	\$ 2,389	\$ 1,190	\$ 594	\$ 627	\$ -

Notes: (a) See Exhibit 1, Sheet 2 through 6/30/2023. See Exhibit 2, Sheet 1 for fiscal years beginning July 1, 2023 through June 30, 2026.
(b) Estimated reserve payout based on selected payment pattern in Exhibit 4, Sheet 1.

STATE OF ALASKA

SIZE OF LOSS DISTRIBUTION

AUTOMOBILE LIABILITY PROGRAM

Fiscal Year	\$0	\$0.01-\$5,000	\$5,000-\$10,000	\$10,000-\$25,000	\$25,000-\$50,000	\$50,000-\$100,000	\$100,000-\$250,000	\$250,000-\$500,000	\$500,000-\$750,000	\$750,000-\$1,000,000	Over \$1,000,000	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Reported Claim Counts *												
Prior	2,223	7,486	175	112	58	28	8	10	3	1	3	10,107
7/1/2010 - 6/30/2011	56	137	3	4	-	-	-	1	-	-	-	201
7/1/2011 - 6/30/2012	180	145	11	3	-	-	-	-	1	-	1	341
7/1/2012 - 6/30/2013	147	102	9	8	1	1	-	-	-	-	-	268
7/1/2013 - 6/30/2014	36	131	4	3	2	-	2	-	-	-	-	178
7/1/2014 - 6/30/2015	25	77	1	2	2	-	1	-	-	-	-	108
7/1/2015 - 6/30/2016	32	47	7	2	-	1	-	-	-	-	-	89
7/1/2016 - 6/30/2017	27	46	4	6	-	-	-	-	-	-	-	83
7/1/2017 - 6/30/2018	47	62	10	5	1	-	1	-	-	-	-	126
7/1/2018 - 6/30/2019	24	46	8	2	2	1	1	1	-	-	-	85
7/1/2019 - 6/30/2020	7	23	5	2	-	3	-	-	-	-	-	40
7/1/2020 - 6/30/2021	3	13	5	4	1	-	-	-	-	-	-	26
7/1/2021 - 6/30/2022	13	28	8	5	3	3	-	-	-	-	-	60
7/1/2022 - 6/30/2023	7	13	5	5	1	-	-	-	-	-	-	31
Total	2,827	8,356	255	163	71	37	13	12	4	1	4	11,743

Reported Losses

Prior	\$ -	\$ 5,307,304	\$ 1,214,384	\$ 1,776,985	\$ 2,000,282	\$ 2,072,974	\$ 1,254,088	\$ 3,441,741	\$ 1,932,228	\$ 975,000	\$ 5,695,502	\$ 25,670,488
7/1/2010 - 6/30/2011	-	122,081	18,468	60,182	-	-	-	465,557	-	-	-	666,288
7/1/2011 - 6/30/2012	-	149,599	77,743	40,950	-	-	-	-	570,511	-	1,052,695	1,891,499
7/1/2012 - 6/30/2013	-	124,151	62,518	132,730	48,380	57,149	-	-	-	-	-	424,928
7/1/2013 - 6/30/2014	-	140,424	25,970	44,791	95,851	-	310,890	-	-	-	-	617,926
7/1/2014 - 6/30/2015	-	83,052	5,078	31,305	56,797	-	102,248	-	-	-	-	278,480
7/1/2015 - 6/30/2016	-	66,528	49,306	28,945	-	64,771	-	-	-	-	-	209,551
7/1/2016 - 6/30/2017	-	52,836	26,302	82,299	-	-	-	-	-	-	-	161,437
7/1/2017 - 6/30/2018	-	86,149	78,606	74,104	42,986	-	109,250	-	-	-	-	391,095
7/1/2018 - 6/30/2019	-	75,600	57,707	21,853	73,820	54,910	145,425	277,550	-	-	-	706,864
7/1/2019 - 6/30/2020	-	44,128	35,669	39,394	-	186,679	-	-	-	-	-	305,869
7/1/2020 - 6/30/2021	-	27,865	35,377	61,372	-	31,452	-	-	-	-	-	156,065
7/1/2021 - 6/30/2022	-	70,963	49,434	75,170	113,423	157,610	-	-	-	-	-	466,599
7/1/2022 - 6/30/2023	-	26,605	39,131	83,141	37,013	-	-	-	-	-	-	185,891
Total	\$ -	\$ 6,377,286	\$ 1,775,693	\$ 2,553,221	\$ 2,500,003	\$ 2,594,093	\$ 1,921,902	\$ 4,184,848	\$ 2,502,738	\$ 975,000	\$ 6,748,197	\$ 32,132,981

* Reported claim counts are total number of claimants for all occurrences and may not match Exhibit 8.

Based on data provided by the State.

STATE OF ALASKA

SELF-INSURED RETENTIONS BY FISCAL YEAR

AUTOMOBILE LIABILITY PROGRAM

Fiscal Year <hr/> (1)	Auto Liability <hr/> (2)
7/1/1980 - 6/30/1981	\$ 300,000
7/1/1981 - 6/30/1982	300,000
7/1/1982 - 6/30/1983	300,000
7/1/1983 - 6/30/1984	300,000
7/1/1984 - 6/30/1985	200,000
7/1/1985 - 6/30/1986	1,500,000
7/1/1986 - 6/30/1987 through 7/1/1992 - 6/30/1993	5,000,000
7/1/1993 - 6/30/1994 through 7/1/2000 - 6/30/2001	2,000,000
7/1/2001 - 6/30/2002 through Current	Unlimited

Retentions provided by the State.

STATE OF ALASKA

MARINE PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2023

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9853	-
7/1/10-6/30/11	-	0.9853	-
7/1/11-6/30/12	-	0.9853	-
7/1/12-6/30/13	-	0.9853	-
7/1/13-6/30/14	-	0.9853	-
7/1/14-6/30/15	-	0.9607	-
7/1/15-6/30/16	-	0.9590	-
7/1/16-6/30/17	-	0.9492	-
7/1/17-6/30/18	-	0.9471	-
7/1/18-6/30/19	-	0.9493	-
7/1/19-6/30/20	-	0.9450	-
7/1/20-6/30/21	-	0.9452	-
7/1/21-6/30/22	649,384	0.9464	614,577
7/1/22-6/30/23	530,000	0.9536	505,408
Total	\$ 1,179,384		\$ 1,119,985

Notes: (a) See Sheet 2.
(b) See Exhibit 9.

STATE OF ALASKA

MARINE PROGRAM
AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE
AS OF JUNE 30, 2024

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9853	-
7/1/10-6/30/11	-	0.9853	-
7/1/11-6/30/12	-	0.9853	-
7/1/12-6/30/13	-	0.9853	-
7/1/13-6/30/14	-	0.9853	-
7/1/14-6/30/15	-	0.9853	-
7/1/15-6/30/16	-	0.9607	-
7/1/16-6/30/17	-	0.9590	-
7/1/17-6/30/18	-	0.9492	-
7/1/18-6/30/19	-	0.9471	-
7/1/19-6/30/20	-	0.9493	-
7/1/20-6/30/21	-	0.9450	-
7/1/21-6/30/22	373,888	0.9452	353,399
7/1/22-6/30/23	253,071	0.9464	239,506
7/1/23-6/30/24	393,613	0.9536	375,349
Total	\$ 1,020,572		\$ 968,254

Notes: (a) See Exhibit 10, Sheet 1.
(b) See Exhibit 9.

STATE OF ALASKA

MARINE PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2025

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9853	-
7/1/10-6/30/11	-	0.9853	-
7/1/11-6/30/12	-	0.9853	-
7/1/12-6/30/13	-	0.9853	-
7/1/13-6/30/14	-	0.9853	-
7/1/14-6/30/15	-	0.9853	-
7/1/15-6/30/16	-	0.9853	-
7/1/16-6/30/17	-	0.9607	-
7/1/17-6/30/18	-	0.9590	-
7/1/18-6/30/19	-	0.9492	-
7/1/19-6/30/20	-	0.9471	-
7/1/20-6/30/21	-	0.9493	-
7/1/21-6/30/22	220,835	0.9450	208,689
7/1/22-6/30/23	145,708	0.9452	137,723
7/1/23-6/30/24	187,947	0.9464	177,873
7/1/24-6/30/25	425,719	0.9536	405,966
Total	\$ 980,209		\$ 930,251

Notes: (a) See Exhibit 10, Sheet 2.
(b) See Exhibit 9.

STATE OF ALASKA

MARINE PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2026

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9853	-
7/1/10-6/30/11	-	0.9853	-
7/1/11-6/30/12	-	0.9853	-
7/1/12-6/30/13	-	0.9853	-
7/1/13-6/30/14	-	0.9853	-
7/1/14-6/30/15	-	0.9853	-
7/1/15-6/30/16	-	0.9853	-
7/1/16-6/30/17	-	0.9853	-
7/1/17-6/30/18	-	0.9607	-
7/1/18-6/30/19	-	0.9590	-
7/1/19-6/30/20	-	0.9492	-
7/1/20-6/30/21	-	0.9471	-
7/1/21-6/30/22	139,935	0.9493	132,840
7/1/22-6/30/23	86,062	0.9450	81,329
7/1/23-6/30/24	108,212	0.9452	102,282
7/1/24-6/30/25	203,277	0.9464	192,381
7/1/25-6/30/26	460,435	0.9536	439,071
Total	\$ 997,921		\$ 947,903

Notes: (a) See Exhibit 10, Sheet 3.
(b) See Exhibit 9.

STATE OF ALASKA

MARINE PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF LIMITED UNDISCOUNTED RESERVES FOR LOSSES AND ALAE

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Reported Losses and ALAE (b)	Paid Losses and ALAE (b)	Case Reserves for Losses and ALAE [(3) - (4)]	IBNR Reserves for Losses and ALAE [(2) - (3)]	Total Reserves for Losses and ALAE [(5) + (6)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 16,120,827	\$ 16,120,827	\$ 16,120,827	\$ -	\$ -	\$ -
7/1/93-6/30/94	960,948	960,948	960,948	-	-	-
7/1/94-6/30/95	2,767,547	2,767,547	2,767,547	-	-	-
7/1/95-6/30/96	1,185,317	1,185,317	1,185,317	-	-	-
7/1/96-6/30/97	3,263,512	3,263,512	3,263,512	-	-	-
7/1/97-6/30/98	1,710,705	1,710,705	1,710,705	-	-	-
7/1/98-6/30/99	1,982,012	1,982,012	1,982,012	-	-	-
7/1/99-6/30/00	3,043,707	3,043,707	3,043,707	-	-	-
7/1/00-6/30/01	3,531,032	3,531,032	3,531,032	-	-	-
7/1/01-6/30/02	3,513,867	3,513,867	3,513,867	-	-	-
7/1/02-6/30/03	2,942,917	2,942,917	2,942,917	-	-	-
7/1/03-6/30/04	1,407,868	1,407,868	1,407,868	-	-	-
7/1/04-6/30/05	666,718	666,718	666,718	-	-	-
7/1/05-6/30/06	965,164	965,164	965,164	-	-	-
7/1/06-6/30/07	1,936,462	1,936,462	1,936,462	-	-	-
7/1/07-6/30/08	596,435	596,435	596,435	-	-	-
7/1/08-6/30/09	1,332,495	1,332,495	1,332,495	-	-	-
7/1/09-6/30/10	133,487	133,487	133,487	-	-	-
7/1/10-6/30/11	660,116	660,116	660,116	-	-	-
7/1/11-6/30/12	642,478	642,478	642,478	-	-	-
7/1/12-6/30/13	814,412	814,412	814,412	-	-	-
7/1/13-6/30/14	119,693	119,693	119,693	-	-	-
7/1/14-6/30/15	265,190	265,190	265,190	-	-	-
7/1/15-6/30/16	538,528	538,528	538,528	-	-	-
7/1/16-6/30/17	228,587	228,587	228,587	-	-	-
7/1/17-6/30/18	524,399	524,399	524,399	-	-	-
7/1/18-6/30/19	316,769	316,769	316,769	-	-	-
7/1/19-6/30/20	152,373	152,373	152,373	-	-	-
7/1/20-6/30/21	601,246	601,246	601,246	-	-	-
7/1/21-6/30/22	1,200,000	1,158,513	550,615	607,897	41,487	649,384
7/1/22-6/30/23	530,000	15,000	-	15,000	515,000	530,000
Total	\$ 54,654,812	\$ 54,098,324	\$ 53,475,427	\$ 622,897	\$ 556,487	\$ 1,179,384

Notes: (a) See Exhibit 3.
(b) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

MARINE PROGRAM AS OF JUNE 30, 2023

RECONCILIATION OF RESERVE BALANCE

(1) Reserve Balance (Undiscounted) as of June 30, 2022 (a)	\$ 554,083
(2) Reserve as of June 30, 2023 for accidents that occurred between July 1, 2022 and June 30, 2023 (b)	530,000
(3) Change in Case Reserves on accidents that occurred prior to July 1, 2022 (c)	326,576
(4) Change in IBNR (d)	(231,274)
(5) Reserve Balance (Undiscounted) as of June 30, 2023 [(1) + (2) + (3) + (4)]	\$ 1,179,385
(6) Payments between July 1, 2022 and June 30, 2023 on accidents that occurred prior to July 1, 2022 (c)	\$ 278,484
(7) Change in Actuarial Estimates [(3) + (4) + (6)]	\$ 373,786

- Notes: (a) See June 30, 2022 actuarial report.
 (b) See Sheet 2 for period 7/1/22-6/30/23.
 (c) Based on data provided by the State.
 (d) Balancing item. Reflects changes in IBNR for accidents prior to 7/1/22.

STATE OF ALASKA

MARINE PROGRAM

DEVELOPMENT OF FUTURE FUNDING AMOUNTS AS OF JUNE 30, 2023

AT \$400,000 RETENTION HULL & MACHINERY, \$500,000 RETENTION PROTECTION & INDEMNITY

Self Funded Period	Selected Loss Cost at 7/1/23 Level (a)	Trend Factor (b)	Adjusted Loss Cost [(2) × (3)]	Property Value (\$000,000) (c)	Expected Limited Funding Amount [(4) × (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/23-6/30/24	\$ 80.00	1.040	\$ 83.20	\$ 7,606	\$ 632,819
7/1/24-6/30/25	80.00	1.082	86.53	7,910	684,436
7/1/25-6/30/26	80.00	1.125	89.99	8,226	740,250

Notes: (a) See Sheet 2.

(b) Based on an assumed annual trend of 4.0%.

(c) Assumed trend of 4.0% per annum subsequent to FY 2022-2023.

STATE OF ALASKA

MARINE PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF PROJECTED LOSS RATES

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Property Value (\$000,000) (b)	Factor to Adjust to Current Level Trend (c)	Indicated Loss Rate (d)
(1)	(2)	(3)	(4)	(5)
7/1/02-6/30/03	\$ 2,942,917	\$ 3,319	2.193	\$ 1,944.51
7/1/03-6/30/04	1,407,868	3,518	2.109	844.00
7/1/04-6/30/05	666,718	4,059	2.028	333.11
7/1/05-6/30/06	965,164	4,177	1.950	450.58
7/1/06-6/30/07	1,936,462	4,245	1.875	855.33
7/1/07-6/30/08	596,435	4,372	1.803	245.97
7/1/08-6/30/09	1,332,495	4,503	1.734	513.11
7/1/09-6/30/10	133,487	4,638	1.667	47.98
7/1/10-6/30/11	660,116	4,713	1.603	224.52
7/1/11-6/30/12	642,478	4,695	1.541	210.87
7/1/12-6/30/13	814,412	5,132	1.482	235.18
7/1/13-6/30/14	119,693	5,849	1.425	29.16
7/1/14-6/30/15	265,190	6,090	1.370	59.66
7/1/15-6/30/16	538,528	7,507	1.317	94.48
7/1/16-6/30/17	228,587	7,436	1.266	38.92
7/1/17-6/30/18	524,399	7,241	1.217	88.14
7/1/18-6/30/19	316,769	7,298	1.170	50.78
7/1/19-6/30/20	152,373	7,701	1.125	22.26
7/1/20-6/30/21	601,246	7,285	1.082	89.30
7/1/21-6/30/22	1,200,000	7,260	1.040	171.90
7/1/22-6/30/23	530,000	7,313	1.000	72.47
Total/Wght Avg	\$ 16,575,338	\$ 118,351		\$ 239.06
(7) Straight average all				\$ 315.34
(8) Straight average last 5				81.34
(9) Straight average last 3				111.22
(10) Exposure weighted-average all				239.06
(11) Exposure weighted-average last 5				80.60
(12) Exposure weighted-average last 3				111.10
(13) Selected Current Level Loss Cost				\$ 80.00

- Notes: (a) See Exhibit 3.
(b) Provided by the State.
(c) Based on an assumed trend of 4.0% per annum.
(d) [(2) × (4) ÷ (3)]

STATE OF ALASKA

MARINE PROGRAM
AS OF JUNE 30, 2023

SELECTED LIMITED ULTIMATE LOSSES AND ALAE

Fiscal Year	Projected Ultimate Losses and ALAE based on data through June 30, 2023					Paid Losses and ALAE (e)	Reported Losses and ALAE (e)	Prior Selected (f)	Selected (g)
	Reported Method (a)	Paid Method (a)	Unreported Method (b)	Unpaid Method (c)	Expected Method (d)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Prior						\$ 16,120,827	\$ 16,120,827	\$ 16,120,827	\$ 16,120,827 (g)
7/1/93-6/30/94	\$ 960,948	\$ 960,948				960,948	960,948	960,948	960,948
7/1/94-6/30/95	2,767,547	2,767,547				2,767,547	2,767,547	2,767,547	2,767,547
7/1/95-6/30/96	1,185,317	1,185,317				1,185,317	1,185,317	1,185,317	1,185,317
7/1/96-6/30/97	3,263,512	3,263,512				3,263,512	3,263,512	3,263,512	3,263,512
7/1/97-6/30/98	1,710,705	1,710,705				1,710,705	1,710,705	1,710,705	1,710,705
7/1/98-6/30/99	1,982,012	1,982,012				1,982,012	1,982,012	1,982,012	1,982,012
7/1/99-6/30/00	3,043,707	3,043,707				3,043,707	3,043,707	3,043,707	3,043,707
7/1/00-6/30/01	3,531,032	3,531,032				3,531,032	3,531,032	3,531,032	3,531,032
7/1/01-6/30/02	3,513,867	3,513,867				3,513,867	3,513,867	3,513,867	3,513,867
7/1/02-6/30/03	2,942,917	2,942,917	\$ 2,942,917	\$ 2,942,917	\$ 189,114	2,942,917	2,942,917	2,942,917	2,942,917
7/1/03-6/30/04	1,407,868	1,407,868	1,407,868	1,407,868	200,453	1,407,868	1,407,868	1,407,868	1,407,868
7/1/04-6/30/05	666,718	666,718	666,718	666,718	231,279	666,718	666,718	666,718	666,718
7/1/05-6/30/06	965,164	965,164	965,164	965,164	238,002	965,164	965,164	965,164	965,164
7/1/06-6/30/07	1,936,462	1,936,462	1,936,462	1,936,462	241,877	1,936,462	1,936,462	1,936,462	1,936,462
7/1/07-6/30/08	596,435	596,435	596,435	596,435	249,113	596,435	596,435	596,435	596,435
7/1/08-6/30/09	1,333,828	1,332,495	1,332,752	1,332,495	256,578	1,332,495	1,332,495	1,332,495	1,332,495
7/1/09-6/30/10	133,621	133,487	133,751	133,487	264,270	133,487	133,487	133,487	133,487
7/1/10-6/30/11	661,436	660,116	660,653	660,116	268,543	660,116	660,116	660,116	660,116
7/1/11-6/30/12	644,405	642,478	643,281	642,478	267,518	642,478	642,478	642,478	642,478
7/1/12-6/30/13	818,484	814,412	815,874	814,412	292,418	814,412	814,412	814,412	814,412
7/1/13-6/30/14	120,650	120,411	122,359	121,693	333,272	119,693	119,693	119,693	119,693
7/1/14-6/30/15	265,721	267,047	265,884	267,619	347,004	265,190	265,190	265,190	265,190
7/1/15-6/30/16	541,221	546,068	540,667	544,516	427,743	538,528	538,528	538,528	538,528
7/1/16-6/30/17	230,415	233,387	231,977	237,485	423,698	228,587	228,587	228,587	228,587
7/1/17-6/30/18	531,216	543,277	529,763	538,840	412,587	524,399	524,399	621,000	524,399
7/1/18-6/30/19	322,787	338,309	324,670	343,382	415,835	316,769	316,769	400,000	316,769
7/1/19-6/30/20	156,945	169,439	165,098	196,691	438,797	152,373	152,373	125,000	152,373
7/1/20-6/30/21	634,915	725,703	623,246	672,227	415,094	601,246	601,246	725,000	601,246
7/1/21-6/30/22	1,310,278	783,526	1,206,499	673,475	413,669	550,615	1,158,513	550,000	1,200,000
7/1/22-6/30/23	21,795	-	145,012	259,191	416,705	-	15,000	532,828	530,000
Total						\$ 53,475,427	\$ 54,098,324	\$ 54,283,853	\$ 54,654,812
Subtotal 93-23	\$ 38,201,928	\$ 37,784,366				\$ 37,354,601	\$ 37,977,498	\$ 38,163,027	\$ 38,533,985
Subtotal 02-23	\$ 16,243,281	\$ 15,825,719	\$ 16,257,050	\$ 15,953,672	\$ 6,743,569	\$ 15,395,953	\$ 16,018,850	\$ 16,204,379	\$ 16,575,338

- Notes: (a) See Exhibit 4, Sheet 1.
 (b) See Exhibit 5.
 (c) See Exhibit 6.
 (d) See Exhibit 7.
 (e) Provided by the State. Losses are net of excess insurance.
 (f) From June 30, 2022 actuarial report.
 (g) Based on judgment.

STATE OF ALASKA

MARINE PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE REPORTED / PAID DEVELOPMENT METHODS

Fiscal Year	Reported Losses and ALAE (a)	Development Factor to Ultimate (b)	Projected Ultimate Losses and ALAE [(2) × (3)]	Paid Losses and ALAE (a)	Development Factor to Ultimate (c)	Projected Ultimate Losses and ALAE [(5) × (6)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)
7/1/93-6/30/94	\$ 960,948	1.000	\$ 960,948	\$ 960,948	1.000	\$ 960,948
7/1/94-6/30/95	2,767,547	1.000	2,767,547	2,767,547	1.000	2,767,547
7/1/95-6/30/96	1,185,317	1.000	1,185,317	1,185,317	1.000	1,185,317
7/1/96-6/30/97	3,263,512	1.000	3,263,512	3,263,512	1.000	3,263,512
7/1/97-6/30/98	1,710,705	1.000	1,710,705	1,710,705	1.000	1,710,705
7/1/98-6/30/99	1,982,012	1.000	1,982,012	1,982,012	1.000	1,982,012
7/1/99-6/30/00	3,043,707	1.000	3,043,707	3,043,707	1.000	3,043,707
7/1/00-6/30/01	3,531,032	1.000	3,531,032	3,531,032	1.000	3,531,032
7/1/01-6/30/02	3,513,867	1.000	3,513,867	3,513,867	1.000	3,513,867
7/1/02-6/30/03	2,942,917	1.000	2,942,917	2,942,917	1.000	2,942,917
7/1/03-6/30/04	1,407,868	1.000	1,407,868	1,407,868	1.000	1,407,868
7/1/04-6/30/05	666,718	1.000	666,718	666,718	1.000	666,718
7/1/05-6/30/06	965,164	1.000	965,164	965,164	1.000	965,164
7/1/06-6/30/07	1,936,462	1.000	1,936,462	1,936,462	1.000	1,936,462
7/1/07-6/30/08	596,435	1.000	596,435	596,435	1.000	596,435
7/1/08-6/30/09	1,332,495	1.001	1,333,828	1,332,495	1.000	1,332,495
7/1/09-6/30/10	133,487	1.001	133,621	133,487	1.000	133,487
7/1/10-6/30/11	660,116	1.002	661,436	660,116	1.000	660,116
7/1/11-6/30/12	642,478	1.003	644,405	642,478	1.000	642,478
7/1/12-6/30/13	814,412	1.005	818,484	814,412	1.000	814,412
7/1/13-6/30/14	119,693	1.008	120,650	119,693	1.006	120,411
7/1/14-6/30/15	265,190	1.002	265,721	265,190	1.007	267,047
7/1/15-6/30/16	538,528	1.005	541,221	538,528	1.014	546,068
7/1/16-6/30/17	228,587	1.008	230,415	228,587	1.021	233,387
7/1/17-6/30/18	524,399	1.013	531,216	524,399	1.036	543,277
7/1/18-6/30/19	316,769	1.019	322,787	316,769	1.068	338,309
7/1/19-6/30/20	152,373	1.030	156,945	152,373	1.112	169,439
7/1/20-6/30/21	601,246	1.056	634,915	601,246	1.207	725,703
7/1/21-6/30/22	1,158,513	1.131	1,310,278	550,615	1.423	783,526
7/1/22-6/30/23	15,000	1.453	21,795	-	2.649	-
Total	\$ 37,977,498		\$ 38,201,928	\$ 37,354,601		\$ 37,784,366

Notes: (a) Provided by the State. Losses are net of excess insurance.
(b) See Sheets 2 and 3.
(c) See Sheets 4 and 5.

STATE OF ALASKA

MARINE PROGRAM
AS OF JUNE 30, 2023

LIMITED REPORTED LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94												961	961	961	961
7/1/94-6/30/95											2,768	2,768	2,768	2,768	2,768
7/1/95-6/30/96										1,185	1,185	1,185	1,185	1,185	1,172
7/1/96-6/30/97									3,264	3,264	3,264	3,264	3,264	3,186	3,186
7/1/97-6/30/98								1,711	1,711	1,711	1,711	1,711	1,671	1,671	1,711
7/1/98-6/30/99							1,981	1,982	1,982	1,982	1,982	1,939	1,938	1,982	1,982
7/1/99-6/30/00						3,068	3,048	3,044	3,044	3,044	2,977	2,977	3,044	3,044	3,044
7/1/00-6/30/01					3,503	3,532	3,532	3,531	3,531	3,532	3,204	3,204	3,531	3,531	3,531
7/1/01-6/30/02				3,013	3,184	3,511	3,512	3,514	3,355	3,355	3,514	3,514	3,514	3,514	3,514
7/1/02-6/30/03			2,606	2,610	2,791	2,942	2,946	2,911	2,912	2,944	2,943	2,943	2,943	2,943	2,943
7/1/03-6/30/04		1,408	1,477	1,479	1,492	1,413	1,408	1,408	1,408	1,408	1,408	1,408	1,408	1,408	1,408
7/1/04-6/30/05	737	962	687	667	682	682	667	667	667	667	667	667	667	667	667
7/1/05-6/30/06	685	749	749	938	1,158	1,058	965	965	965	965	965	965	965	965	965
7/1/06-6/30/07	1,670	1,977	1,966	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936
7/1/07-6/30/08	132	669	690	596	596	596	596	596	596	596	596	596	596	596	596
7/1/08-6/30/09	884	1,104	1,336	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332
7/1/09-6/30/10	155	159	133	133	133	133	133	133	133	133	133	133	133	133	133
7/1/10-6/30/11	1,018	565	660	660	660	660	660	660	660	660	660	660	660	660	660
7/1/11-6/30/12	1,192	629	866	652	642	642	642	642	642	642	642	642	642	642	642
7/1/12-6/30/13	417	654	789	880	880	814	814	814	814	814	814	814	814	814	814
7/1/13-6/30/14	192	120	120	120	120	120	120	120	120	120	120	120	120	120	120
7/1/14-6/30/15	45	43	66	196	265	265	265	265	265	265	265	265	265	265	265
7/1/15-6/30/16	446	1,181	1,150	645	539	539	539	539	539	539	539	539	539	539	539
7/1/16-6/30/17	387	224	235	229	229	229	229	229	229	229	229	229	229	229	229
7/1/17-6/30/18	805	824	619	619	619	524	524	524	524	524	524	524	524	524	524
7/1/18-6/30/19	400	337	387	387	317	317	317	317	317	317	317	317	317	317	317
7/1/19-6/30/20	54	77	81	152	152	152	152	152	152	152	152	152	152	152	152
7/1/20-6/30/21	458	628	601	601	601	601	601	601	601	601	601	601	601	601	601
7/1/21-6/30/22	434	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159
7/1/22-6/30/23	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94												1.000	1.000	1.000	1.000
7/1/94-6/30/95												1.000	1.000	1.000	0.995
7/1/95-6/30/96										1.000	1.000	1.000	1.000	1.000	0.989
7/1/96-6/30/97									1.000	1.000	1.000	1.000	1.000	0.976	1.000
7/1/97-6/30/98								1.000	1.000	1.000	1.000	0.977	1.000	1.024	1.000
7/1/98-6/30/99							1.001	1.000	1.000	1.000	0.978	0.999	1.023	1.000	1.000
7/1/99-6/30/00						0.993	0.999	1.000	1.000	0.978	1.000	1.023	1.000	1.000	1.000
7/1/00-6/30/01					1.008	1.000	1.000	1.000	0.907	1.000	1.102	1.000	1.000	1.000	1.000
7/1/01-6/30/02				1.057	1.103	1.000	1.001	0.955	1.000	1.047	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03			1.002	1.069	1.054	1.001	0.988	1.000	1.011	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04		1.049	1.001	1.009	0.947	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.305	0.714	0.971	1.022	1.000	1.000	0.978	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.093	1.000	1.252	1.235	0.914	0.912	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.184	0.994	0.985	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08	5.068	1.031	0.864	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000
7/1/08-6/30/09	1.249	1.210	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/09-6/30/10	1.026	0.836	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.004	1.000	1.000	1.000
7/1/10-6/30/11	0.555	1.168	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/11-6/30/12	0.528	1.377	0.753	0.985	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000
7/1/12-6/30/13	1.568	1.206	1.115	1.000	0.925	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000
7/1/13-6/30/14	0.625	1.000	1.000	1.000	1.000	1.000	1.000	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/14-6/30/15	0.956	1.535	2.970	1.352	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/15-6/30/16	2.648	0.974	0.561	0.836	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/16-6/30/17	0.579	1.049	0.974	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/17-6/30/18	1.024	0.751	1.000	0.999	0.848	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/18-6/30/19	0.843	1.148	1.001	0.818	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/19-6/30/20	1.426	1.046	1.891	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/20-6/30/21	1.371	0.957	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/21-6/30/22	2.670	2.670	2.670	2.670	2.670	2.670	2.670	2.670	2.670	2.670	2.670	2.670	2.670	2.670	2.670
Avg All	1.429	1.058	1.130	1.021	0.989	0.995	0.998	0.997	0.996	1.001	1.004	1.000	1.000	1.001	1.001
Avg Latest 3	1.822	1.050	1.297	0.939	0.949	1.000	1.000	0.999	1.000	1.000	1.000	1.001	1.000	1.000	1.000
\$ Avg All	1.193	1.025	0.974	1.028	1.008	0.995	0.998	0.994	0.990	1.003	1.009	1.001	0.999	1.001	1.002
\$ Avg Latest 3	1.970	1.026	1.066	0.943	0.932	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.285	1.071	1.025	1.010	1.006	1.005	1.003	1.003	0.994	1.003	1.002	1.001	1.001	1.000	1.001
Prior Selected	1.142	1.066	1.025	1.021	1.006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.285	1.071	1.025	1.010	1.006	1.005	1.003	1.003	0.994	1.003	1.002	1.001	1.001	1.000	1.001
Age-Ultimate	1.453	1.131	1.056	1.030	1.019	1.013	1.008	1.005	1.002	1.008	1.005	1.003	1.002	1.001	1.001

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

MARINE PROGRAM
AS OF JUNE 30, 2023

LIMITED REPORTED LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	961	957	957	961	961	961	961	961	961	961	961	961	961	961	961
7/1/94-6/30/95	2,755	2,755	2,768	2,768	2,768	2,768	2,768	2,768	2,768	2,768	2,768	2,768	2,768	2,768	2,768
7/1/95-6/30/96	1,172	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185
7/1/96-6/30/97	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264
7/1/97-6/30/98	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711
7/1/98-6/30/99	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982
7/1/99-6/30/00	3,044	3,044	3,044	3,044	3,044	3,044	3,044	3,044	3,044	3,044	3,044	3,044	3,044	3,044	3,044
7/1/00-6/30/01	3,531	3,531	3,531	3,531	3,531	3,531	3,531	3,531	3,531	3,531	3,531	3,531	3,531	3,531	3,531
7/1/01-6/30/02	3,514	3,514	3,514	3,514	3,514	3,514	3,514	3,514	3,514	3,514	3,514	3,514	3,514	3,514	3,514
7/1/02-6/30/03	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943	2,943
7/1/03-6/30/04	1,408	1,408	1,408	1,408	1,408	1,408	1,408	1,408	1,408	1,408	1,408	1,408	1,408	1,408	1,408
7/1/04-6/30/05	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667
7/1/05-6/30/06	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965
7/1/06-6/30/07	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936
7/1/07-6/30/08	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	0.996	1.000	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/94-6/30/95	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															
Avg All	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg All	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

MARINE PROGRAM
AS OF JUNE 30, 2023

LIMITED PAID LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94												961	961	961	961
7/1/94-6/30/95											2,768	2,768	2,768	2,768	2,768
7/1/95-6/30/96										1,185	1,185	1,185	1,185	1,185	1,172
7/1/96-6/30/97									3,264	3,264	3,264	3,264	3,264	3,186	3,186
7/1/97-6/30/98								1,711	1,711	1,711	1,711	1,711	1,671	1,671	1,711
7/1/98-6/30/99							1,981	1,982	1,982	1,982	1,982	1,938	1,938	1,982	1,982
7/1/99-6/30/00						3,044	3,044	3,044	3,044	3,044	2,977	2,977	3,044	3,044	3,044
7/1/00-6/30/01					3,322	3,436	3,531	3,531	3,531	3,531	3,204	3,204	3,531	3,531	3,531
7/1/01-6/30/02				2,601	2,795	3,119	3,512	3,514	3,355	3,355	3,514	3,514	3,514	3,514	3,514
7/1/02-6/30/03			2,560	2,598	2,774	2,941	2,942	2,911	2,912	2,944	2,943	2,943	2,943	2,943	2,943
7/1/03-6/30/04		1,328	1,336	1,345	1,377	1,406	1,408	1,408	1,408	1,408	1,408	1,408	1,408	1,408	1,408
7/1/04-6/30/05	522	557	667	667	667	682	682	667	667	667	667	667	667	667	667
7/1/05-6/30/06	173	607	737	833	965	965	965	965	965	965	965	965	965	965	965
7/1/06-6/30/07	1,026	1,931	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936	1,936
7/1/07-6/30/08	74	575	580	596	596	596	596	596	596	596	596	596	596	596	596
7/1/08-6/30/09	718	1,101	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332
7/1/09-6/30/10	102	133	133	133	133	133	133	133	133	133	133	133	133	133	133
7/1/10-6/30/11	167	495	660	660	660	660	660	660	660	660	660	660	660	660	660
7/1/11-6/30/12	373	416	608	642	642	642	642	642	642	642	642	642	642	642	642
7/1/12-6/30/13	203	369	580	796	814	814	814	814	814	814	814	814	814	814	814
7/1/13-6/30/14	79	120	120	120	120	120	120	120	120	120	120	120	120	120	120
7/1/14-6/30/15	30	43	64	185	265	265	265	265	265	265	265	265	265	265	265
7/1/15-6/30/16	314	1,075	1,150	539	539	539	539	539	539	539	539	539	539	539	539
7/1/16-6/30/17	109	195	195	229	229	229	229	229	229	229	229	229	229	229	229
7/1/17-6/30/18	199	274	524	524	524	524	524	524	524	524	524	524	524	524	524
7/1/18-6/30/19	20	258	317	317	317	317	317	317	317	317	317	317	317	317	317
7/1/19-6/30/20	52	55	81	152	152	152	152	152	152	152	152	152	152	152	152
7/1/20-6/30/21	3	600	601	601	601	601	601	601	601	601	601	601	601	601	601
7/1/21-6/30/22	345	551	551	551	551	551	551	551	551	551	551	551	551	551	551
7/1/22-6/30/23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94												1.000	1.000	1.000	1.000
7/1/94-6/30/95												1.000	1.000	1.000	0.995
7/1/95-6/30/96										1.000	1.000	1.000	1.000	1.000	0.989
7/1/96-6/30/97									1.000	1.000	1.000	1.000	1.000	0.976	1.000
7/1/97-6/30/98								1.000	1.000	1.000	1.000	1.000	0.977	1.000	1.024
7/1/98-6/30/99							1.001	1.000	1.000	1.000	0.978	1.000	1.023	1.000	1.000
7/1/99-6/30/00						1.000	1.000	1.000	1.000	0.978	1.000	1.023	1.000	1.000	1.000
7/1/00-6/30/01					1.034	1.028	1.000	1.000	0.907	1.000	1.102	1.000	1.000	1.000	1.000
7/1/01-6/30/02				1.075	1.116	1.126	1.001	0.955	1.000	1.047	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03			1.015	1.068	1.060	1.000	0.989	1.000	1.011	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04		1.006	1.007	1.024	1.021	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.067	1.197	1.000	1.000	1.022	1.000	0.978	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	3.509	1.214	1.130	1.158	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.882	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08	7.770	1.009	1.028	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000
7/1/08-6/30/09	1.533	1.210	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/09-6/30/10	1.304	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.004	1.000	1.000	1.000
7/1/10-6/30/11	2.964	1.333	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/11-6/30/12	1.115	1.462	1.056	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000
7/1/12-6/30/13	1.818	1.572	1.372	1.023	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000
7/1/13-6/30/14	1.519	1.000	1.000	1.000	1.000	1.000	1.000	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/14-6/30/15	1.433	1.488	2.891	1.432	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/15-6/30/16	3.424	1.070	0.469	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/16-6/30/17	1.789	1.000	1.174	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/17-6/30/18	1.377	1.912	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/18-6/30/19	12.900	1.229	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/19-6/30/20	1.058	1.465	1.891	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/20-6/30/21	200.150	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001
7/1/21-6/30/22	1.597	1.597	1.597	1.597	1.597	1.597	1.597	1.597	1.597	1.597	1.597	1.597	1.597	1.597	1.597
Avg All	13.789	1.232	1.168	1.043	1.014	1.009	0.998	0.997	0.996	1.001	1.004	1.000	1.000	1.001	1.001
Avg Latest 3	67.602	1.232	1.297	1.000	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.001	1.000	1.000	1.000
\$ Avg All	2.075	1.147	1.002	1.039	1.033	1.021	0.998	0.994	0.990	1.003	1.009	1.001	0.999	1.001	1.002
\$ Avg Latest 3	3.017	1.093	1.078	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.862	1.179	1.085	1.041	1.031	1.015	1.007	1.007	1.007	1.001	1.006	1.004	1.003	1.002	1.001
Prior Selected	1.845	1.161	1.079	1.015	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.862	1.179	1.085	1.041	1.031	1.015	1.007	1.007	1.007	1.001	1.006	1.000	1.000	1.000	1.000
Age-Ultimate	2.649	1.423	1.207	1.112	1.068	1.036	1.021	1.014	1.007	1.006	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

MARINE PROGRAM
AS OF JUNE 30, 2023

LIMITED PAID LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	961	957	957	961	961	961	961	961	961	961	961	961	961	961	961
7/1/94-6/30/95	2,755	2,755	2,768	2,768	2,768	2,768	2,768	2,768	2,768	2,768	2,768	2,768	2,768	2,768	2,768
7/1/95-6/30/96	1,172	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	
7/1/96-6/30/97	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264	3,264		
7/1/97-6/30/98	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711				
7/1/98-6/30/99	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982	1,982					
7/1/99-6/30/00	3,044	3,044	3,044	3,044	3,044	3,044	3,044	3,044	3,044						
7/1/00-6/30/01	3,531	3,531	3,531	3,531	3,531	3,531	3,531	3,531							
7/1/01-6/30/02	3,514	3,514	3,514	3,514	3,514	3,514	3,514								
7/1/02-6/30/03	2,943	2,943	2,943	2,943	2,943	2,943									
7/1/03-6/30/04	1,408	1,408	1,408	1,408	1,408										
7/1/04-6/30/05	667	667	667	667											
7/1/05-6/30/06	965	965	965												
7/1/06-6/30/07	1,936	1,936													
7/1/07-6/30/08	596														
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	0.996	1.000	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/94-6/30/95	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96	1.011	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/08-6/30/09	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/09-6/30/10	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/10-6/30/11	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/11-6/30/12	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/12-6/30/13	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/13-6/30/14	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/14-6/30/15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/15-6/30/16	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/16-6/30/17	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/17-6/30/18	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/18-6/30/19	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/19-6/30/20	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/20-6/30/21	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/21-6/30/22	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg All	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg All	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

MARINE PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE UNREPORTED METHOD

Fiscal Year	Expected Losses and ALAE (a)	Expected Percentage Unreported (b)	Expected Unreported Losses and ALAE [(2) × (3)]	Reported Losses and ALAE as of 6/30/23 (c)	Projected Ultimate Losses and ALAE [(4) + (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 189,114	0.000	\$ -	\$ 2,942,917	\$ 2,942,917
7/1/03-6/30/04	200,453	0.000	-	1,407,868	1,407,868
7/1/04-6/30/05	231,279	0.000	-	666,718	666,718
7/1/05-6/30/06	238,002	0.000	-	965,164	965,164
7/1/06-6/30/07	241,877	0.000	-	1,936,462	1,936,462
7/1/07-6/30/08	249,113	0.000	-	596,435	596,435
7/1/08-6/30/09	256,578	0.001	257	1,332,495	1,332,752
7/1/09-6/30/10	264,270	0.001	264	133,487	133,751
7/1/10-6/30/11	268,543	0.002	537	660,116	660,653
7/1/11-6/30/12	267,518	0.003	803	642,478	643,281
7/1/12-6/30/13	292,418	0.005	1,462	814,412	815,874
7/1/13-6/30/14	333,272	0.008	2,666	119,693	122,359
7/1/14-6/30/15	347,004	0.002	694	265,190	265,884
7/1/15-6/30/16	427,743	0.005	2,139	538,528	540,667
7/1/16-6/30/17	423,698	0.008	3,390	228,587	231,977
7/1/17-6/30/18	412,587	0.013	5,364	524,399	529,763
7/1/18-6/30/19	415,835	0.019	7,901	316,769	324,670
7/1/19-6/30/20	438,797	0.029	12,725	152,373	165,098
7/1/20-6/30/21	415,094	0.053	22,000	601,246	623,246
7/1/21-6/30/22	413,669	0.116	47,986	1,158,513	1,206,499
7/1/22-6/30/23	416,705	0.312	130,012	15,000	145,012
Total	\$ 6,743,569		\$ 238,200	\$ 16,018,850	\$ 16,257,050

- Notes: (a) See Exhibit 7.
(b) Based on reporting pattern shown on Exhibit 4, Sheet 1.
(c) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

MARINE PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE UNPAID METHOD

Fiscal Year	Expected Losses and ALAE (a)	Expected Percentage Unpaid (b)	Expected Unpaid Losses and ALAE [(2) × (3)]	Paid Losses and ALAE as of 6/30/23 (c)	Projected Ultimate Losses and ALAE [(4) + (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 189,114	0.000	\$ -	\$ 2,942,917	\$ 2,942,917
7/1/03-6/30/04	200,453	0.000	-	1,407,868	1,407,868
7/1/04-6/30/05	231,279	0.000	-	666,718	666,718
7/1/05-6/30/06	238,002	0.000	-	965,164	965,164
7/1/06-6/30/07	241,877	0.000	-	1,936,462	1,936,462
7/1/07-6/30/08	249,113	0.000	-	596,435	596,435
7/1/08-6/30/09	256,578	0.000	-	1,332,495	1,332,495
7/1/09-6/30/10	264,270	0.000	-	133,487	133,487
7/1/10-6/30/11	268,543	0.000	-	660,116	660,116
7/1/11-6/30/12	267,518	0.000	-	642,478	642,478
7/1/12-6/30/13	292,418	0.000	-	814,412	814,412
7/1/13-6/30/14	333,272	0.006	2,000	119,693	121,693
7/1/14-6/30/15	347,004	0.007	2,429	265,190	267,619
7/1/15-6/30/16	427,743	0.014	5,988	538,528	544,516
7/1/16-6/30/17	423,698	0.021	8,898	228,587	237,485
7/1/17-6/30/18	412,587	0.035	14,441	524,399	538,840
7/1/18-6/30/19	415,835	0.064	26,613	316,769	343,382
7/1/19-6/30/20	438,797	0.101	44,318	152,373	196,691
7/1/20-6/30/21	415,094	0.171	70,981	601,246	672,227
7/1/21-6/30/22	413,669	0.297	122,860	550,615	673,475
7/1/22-6/30/23	416,705	0.622	259,191	-	259,191
Total	\$ 6,743,569		\$ 557,719	\$ 15,395,953	\$ 15,953,672

- Notes: (a) See Exhibit 7.
 (b) Based on payment pattern shown on Exhibit 4, Sheet 1.
 (c) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

MARINE PROGRAM
AS OF JUNE 30, 2023

DEVELOPMENT OF ULTIMATE LOSSES AND ALAE
EXPECTED LOSS METHOD

Fiscal Year	Property Value (\$000,000) (a)	Reported Losses and ALAE as of 6/30/2022 (a)	Factors to Adjust to Current Level		Property Value at Curr. Level (\$000,000's) (d)	Curr. Level Reported Losses and ALAE as of 6/30/2022 (e)	Reported Loss Development Factor (f)	Detrended Aggregate Onlevel Loss Cost (h)	Expected Losses and ALAE (i)
			Expo Trend (b)	Loss Trend (c)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7/1/02-6/30/03	\$ 3,319	\$ 2,942,917	2.193	2.193	\$ 7,279	\$ 6,453,817	1.000	\$ 56.98	\$ 189,114
7/1/03-6/30/04	3,518	1,407,868	2.109	2.109	7,419	2,969,194	1.000	56.98	200,453
7/1/04-6/30/05	4,059	666,718	2.028	2.028	8,232	1,352,105	1.000	56.98	231,279
7/1/05-6/30/06	4,177	965,164	1.950	1.950	8,145	1,882,070	1.000	56.98	238,002
7/1/06-6/30/07	4,245	1,936,462	1.875	1.875	7,959	3,630,867	1.000	56.98	241,877
7/1/07-6/30/08	4,372	596,435	1.803	1.803	7,883	1,075,372	1.000	56.98	249,113
7/1/08-6/30/09	4,503	1,332,495	1.734	1.734	7,808	2,310,547	1.001	56.98	256,578
7/1/09-6/30/10	4,638	133,487	1.667	1.667	7,732	222,523	1.001	56.98	264,270
7/1/10-6/30/11	4,713	660,116	1.603	1.603	7,555	1,058,166	1.002	56.98	268,543
7/1/11-6/30/12	4,695	642,478	1.541	1.541	7,235	990,058	1.003	56.98	267,518
7/1/12-6/30/13	5,132	814,412	1.482	1.482	7,606	1,206,958	1.005	56.98	292,418
7/1/13-6/30/14	5,849	119,693	1.425	1.425	8,335	170,562	1.008	56.98	333,272
7/1/14-6/30/15	6,090	265,190	1.370	1.370	8,343	363,311	1.002	56.98	347,004
7/1/15-6/30/16	7,507	538,528	1.317	1.317	9,887	709,242	1.005	56.98	427,743
7/1/16-6/30/17	7,436	228,587	1.266	1.266	9,414	289,391	1.008	56.98	423,698
7/1/17-6/30/18	7,241	524,399	1.217	1.217	8,812	638,193	1.013	56.98	412,587
7/1/18-6/30/19	7,298	316,769	1.170	1.170	8,539	370,619	1.019	56.98	415,835
7/1/19-6/30/20	7,701	152,373	1.125	1.125	8,664	171,420	1.030	56.98	438,797
7/1/20-6/30/21	7,285	601,246	1.082	1.082	7,882	650,548	1.056	56.98	415,094
7/1/21-6/30/22	7,260	1,158,513	1.040	1.040	7,550	1,204,853	1.131	56.98	413,669
7/1/22-6/30/23	7,313	15,000	1.000	1.000	7,313	15,000	1.453	56.98	416,705
Total	\$ 118,351	\$ 16,018,850			\$ 169,592	\$ 27,734,816			\$ 6,743,569

- (11) Selected Exposure Annual Trend Rate (b) 1.040
(12) Selected Loss Annual Trend Rate (c) 1.040
(13) Aggregate Onlevel Loss Cost (/ \$1,000,000 property value) (g) \$ 56.98

Notes: (a) Provided by the City. Losses are net of excess insurance.
(b) Based on an assumed annual exposure trend of 4.0%.
(c) Based on an assumed annual loss trend of 4.0%.
(d) [(2) × (4)]
(e) [(3) × (5)]
(f) See Exhibit 4, Sheet 1.
(g) Sum((7)) ÷ Sumproduct((6) , 1.0 ÷ (6)) Includes FY 7/1/13 through 6/30/2023 only.
(h) [(13) ÷ (5) × (4)]
(i) [(2) × (9)]

STATE OF ALASKA

MARINE PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ULTIMATE CLAIMS

Fiscal Year *	Reported Claims (a)	Development Factor to Ultimate (b)	Projected Ultimate Claims (c)
(1)	(2)	(3)	(4)
7/1/93-6/30/94	221	1.000	221
7/1/94-6/30/95	251	1.000	251
7/1/95-6/30/96	250	1.000	250
7/1/96-6/30/97	274	1.000	274
7/1/97-6/30/98	240	1.000	240
7/1/98-6/30/99	277	1.000	277
7/1/99-6/30/00	313	1.000	313
7/1/00-6/30/01	490	1.000	490
7/1/01-6/30/02	653	1.000	653
7/1/02-6/30/03	737	1.000	737
7/1/03-6/30/04	100	1.000	100
7/1/04-6/30/05	49	1.000	49
7/1/05-6/30/06	40	1.000	40
7/1/06-6/30/07	39	1.000	39
7/1/07-6/30/08	36	1.000	36
7/1/08-6/30/09	26	1.000	26
7/1/09-6/30/10	38	1.000	38
7/1/10-6/30/11	44	1.000	44
7/1/11-6/30/12	51	1.000	51
7/1/12-6/30/13	43	1.000	43
7/1/13-6/30/14	16	1.000	16
7/1/14-6/30/15	37	1.000	37
7/1/15-6/30/16	22	1.000	22
7/1/16-6/30/17	30	1.000	30
7/1/17-6/30/18	26	1.000	26
7/1/18-6/30/19	30	1.000	30
7/1/19-6/30/20	11	1.000	11
7/1/20-6/30/21	10	1.000	10
7/1/21-6/30/22	7	1.000	7
7/1/22-6/30/23	1	1.166	1
Total	4,362		4,362

Notes: (a) Data provided by the State.
(b) See Sheets 2, 3.
(c) [(2) × (3)]

STATE OF ALASKA

MARINE PROGRAM
AS OF JUNE 30, 2023

REPORTED CLAIM COUNTS

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94												221	221	221	221
7/1/94-6/30/95											251	251	251	251	251
7/1/95-6/30/96										250	250	250	250	250	250
7/1/96-6/30/97									274	274	274	274	274	274	274
7/1/97-6/30/98								240	240	240	240	240	240	240	240
7/1/98-6/30/99							278	278	278	278	278	278	278	278	278
7/1/99-6/30/00						313	313	313	313	313	313	313	313	313	313
7/1/00-6/30/01					490	490	490	490	490	490	490	490	490	490	490
7/1/01-6/30/02				654	654	654	654	654	654	654	654	654	653	653	653
7/1/02-6/30/03			740	741	741	741	741	741	741	741	737	737	737	737	737
7/1/03-6/30/04		84	84	100	100	100	100	100	100	100	100	100	100	100	100
7/1/04-6/30/05	40	49	49	49	49	49	49	49	49	49	49	49	49	49	49
7/1/05-6/30/06	33	40	40	40	40	40	40	40	40	40	40	40	40	40	40
7/1/06-6/30/07	34	39	39	39	39	39	39	39	39	39	39	39	39	39	39
7/1/07-6/30/08	33	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7/1/08-6/30/09	24	26	26	26	26	26	26	26	26	26	26	26	26	26	26
7/1/09-6/30/10	30	38	38	38	38	38	38	38	38	38	38	38	38	38	38
7/1/10-6/30/11	38	44	44	44	44	44	44	44	44	44	44	44	44	44	44
7/1/11-6/30/12	47	50	51	51	51	50	50	50	50	50	51	51	51	51	51
7/1/12-6/30/13	39	43	43	43	43	43	43	43	43	43	43	43	43	43	43
7/1/13-6/30/14	14	16	16	16	16	16	16	16	16	16	16	16	16	16	16
7/1/14-6/30/15	31	37	37	37	37	37	37	37	37	37	37	37	37	37	37
7/1/15-6/30/16	16	22	22	22	22	22	22	22	22	22	22	22	22	22	22
7/1/16-6/30/17	27	30	30	30	30	30	30	30	30	30	30	30	30	30	30
7/1/17-6/30/18	25	26	26	26	26	26	26	26	26	26	26	26	26	26	26
7/1/18-6/30/19	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30
7/1/19-6/30/20	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
7/1/20-6/30/21	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7/1/21-6/30/22	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7/1/22-6/30/23	1														

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94												1.000	1.000	1.000	1.000
7/1/94-6/30/95											1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96										1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97									1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98								1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99							1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00						1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01					1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03			1.001	1.000	1.000	1.000	1.000	1.000	1.000	0.995	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04		1.000	1.190	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.225	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.212	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.147	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08	1.091	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/08-6/30/09	1.083	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/09-6/30/10	1.267	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/10-6/30/11	1.158	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/11-6/30/12	1.064	1.020	1.000	1.000	0.980	1.000	1.000	1.000	1.000	1.000	1.020	1.000	1.000	1.000	1.000
7/1/12-6/30/13	1.103	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/13-6/30/14	1.143	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/14-6/30/15	1.194	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/15-6/30/16	1.375	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/16-6/30/17	1.111	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/17-6/30/18	1.040	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/18-6/30/19	1.500	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/19-6/30/20	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/20-6/30/21	1.250	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/21-6/30/22	1.400	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg All	1.187	1.001	1.011	1.000	0.999	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.217	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.007	1.000	1.000	1.000	1.000	1.000
Wght Avg All	1.166	1.002	1.012	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000
Wght Avg Latest 3	1.167	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.007	1.000	1.000	1.000	1.000	1.000
Industry															
Prior Selected	1.164	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.166	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.166	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

MARINE PROGRAM
AS OF JUNE 30, 2023

REPORTED CLAIM COUNTS

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	221	221	221	221	221	221	221	221	221	221	221	221	221	221	221
7/1/94-6/30/95	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251
7/1/95-6/30/96	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
7/1/96-6/30/97	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274
7/1/97-6/30/98	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
7/1/98-6/30/99	278	278	278	278	278	278	278	278	278	277	277	277	277	277	277
7/1/99-6/30/00	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313
7/1/00-6/30/01	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490
7/1/01-6/30/02	653	653	653	653	653	653	653	653	653	653	653	653	653	653	653
7/1/02-6/30/03	737	737	737	737	737	737	737	737	737	737	737	737	737	737	737
7/1/03-6/30/04	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7/1/04-6/30/05	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
7/1/05-6/30/06	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
7/1/06-6/30/07	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
7/1/07-6/30/08	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/94-6/30/95	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
Avg All	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg All	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry															
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

MARINE PROGRAM AS OF JUNE 30, 2023

CALCULATION OF DISCOUNT FACTORS 3.0% RATE OF RETURN

<u>Period</u>	<u>Payment Made in Period (a)</u>	<u>Remaining Payments at Beginning of Period (b)</u>	<u>Present Value of Remaining Payments (c)</u>	<u>Reserve Discount Factor [(4) ÷ (3)]</u>
(1)	(2)	(3)	(4)	(5)
1	0.378	1.000	0.948	0.9483
2	0.325	0.622	0.593	0.9536
3	0.126	0.297	0.281	0.9464
4	0.070	0.171	0.162	0.9452
5	0.037	0.101	0.095	0.9450
6	0.029	0.064	0.061	0.9493
7	0.014	0.035	0.033	0.9471
8	0.007	0.021	0.020	0.9492
9	0.007	0.014	0.013	0.9590
10	0.001	0.007	0.007	0.9607
11	0.006	0.006	0.006	0.9853

- Notes: (a) Based on payment pattern shown in Exhibit 4, Sheet 1.
 (b) Upward sum of Column (2).
 (c) Based on a 3.0% rate of return.

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2024

MARINE

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/23 (b)	Est Paid Losses and ALAE btw 7/1/23 and 6/30/24 (c)	Paid Losses and ALAE as of 6/30/23 (d)	Paid Losses and ALAE as of 6/30/24 (e)	Estimated Unpaid Losses and ALAE as of 6/30/24 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 16,120,827	\$ -	\$ -	\$ 16,120,827	\$ 16,120,827	\$ -
7/1/1993 - 6/30/1994	960,948	-	-	960,948	960,948	-
7/1/1994 - 6/30/1995	2,767,547	-	-	2,767,547	2,767,547	-
7/1/1995 - 6/30/1996	1,185,317	-	-	1,185,317	1,185,317	-
7/1/1996 - 6/30/1997	3,263,512	-	-	3,263,512	3,263,512	-
7/1/1997 - 6/30/1998	1,710,705	-	-	1,710,705	1,710,705	-
7/1/1998 - 6/30/1999	1,982,012	-	-	1,982,012	1,982,012	-
7/1/1999 - 6/30/2000	3,043,707	-	-	3,043,707	3,043,707	-
7/1/2000 - 6/30/2001	3,531,032	-	-	3,531,032	3,531,032	-
7/1/2001 - 6/30/2002	3,513,867	-	-	3,513,867	3,513,867	-
7/1/2002 - 6/30/2003	2,942,917	-	-	2,942,917	2,942,917	-
7/1/2003 - 6/30/2004	1,407,868	-	-	1,407,868	1,407,868	-
7/1/2004 - 6/30/2005	666,718	-	-	666,718	666,718	-
7/1/2005 - 6/30/2006	965,164	-	-	965,164	965,164	-
7/1/2006 - 6/30/2007	1,936,462	-	-	1,936,462	1,936,462	-
7/1/2007 - 6/30/2008	596,435	-	-	596,435	596,435	-
7/1/2008 - 6/30/2009	1,332,495	-	-	1,332,495	1,332,495	-
7/1/2009 - 6/30/2010	133,487	-	-	133,487	133,487	-
7/1/2010 - 6/30/2011	660,116	-	-	660,116	660,116	-
7/1/2011 - 6/30/2012	642,478	-	-	642,478	642,478	-
7/1/2012 - 6/30/2013	814,412	-	-	814,412	814,412	-
7/1/2013 - 6/30/2014	119,693	-	-	119,693	119,693	-
7/1/2014 - 6/30/2015	265,190	-	-	265,190	265,190	-
7/1/2015 - 6/30/2016	538,528	-	-	538,528	538,528	-
7/1/2016 - 6/30/2017	228,587	-	-	228,587	228,587	-
7/1/2017 - 6/30/2018	524,399	-	-	524,399	524,399	-
7/1/2018 - 6/30/2019	316,769	-	-	316,769	316,769	-
7/1/2019 - 6/30/2020	152,373	-	-	152,373	152,373	-
7/1/2020 - 6/30/2021	601,246	-	-	601,246	601,246	-
7/1/2021 - 6/30/2022	1,200,000	649,384	275,496	550,615	826,112	373,888
7/1/2022 - 6/30/2023	530,000	530,000	276,929	-	276,929	253,071
7/1/2023 - 6/30/2024	632,819	632,819	239,206	-	239,206	393,613
Total	\$ 55,287,630	\$ 1,812,203	\$ 791,631	\$ 53,475,427	\$ 54,267,058	\$ 1,020,572

- Notes: (a) See Exhibit 3. FY 2023-2024 from Exhibit 2, Sheet 1.
 (b) See Exhibit 1, Sheet 2 for 2023 and prior.
 (c) See Exhibit 11, Sheet 1, Column (3).
 (d) Provided by the State. Losses are net of excess insurance.
 (e) [(4) + (5)]
 (f) [(2) - (6)]

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2025

MARINE

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/24 (b)	Est Paid Losses and ALAE btw 7/1/24 and 6/30/25 (c)	Paid Losses and ALAE as of 6/30/24 (d)	Paid Losses and ALAE as of 6/30/25 (e)	Estimated Unpaid Losses and ALAE as of 6/30/25 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 16,120,827	\$ -	\$ -	\$ 16,120,827	\$ 16,120,827	\$ -
7/1/1993 - 6/30/1994	960,948	-	-	960,948	960,948	-
7/1/1994 - 6/30/1995	2,767,547	-	-	2,767,547	2,767,547	-
7/1/1995 - 6/30/1996	1,185,317	-	-	1,185,317	1,185,317	-
7/1/1996 - 6/30/1997	3,263,512	-	-	3,263,512	3,263,512	-
7/1/1997 - 6/30/1998	1,710,705	-	-	1,710,705	1,710,705	-
7/1/1998 - 6/30/1999	1,982,012	-	-	1,982,012	1,982,012	-
7/1/1999 - 6/30/2000	3,043,707	-	-	3,043,707	3,043,707	-
7/1/2000 - 6/30/2001	3,531,032	-	-	3,531,032	3,531,032	-
7/1/2001 - 6/30/2002	3,513,867	-	-	3,513,867	3,513,867	-
7/1/2002 - 6/30/2003	2,942,917	-	-	2,942,917	2,942,917	-
7/1/2003 - 6/30/2004	1,407,868	-	-	1,407,868	1,407,868	-
7/1/2004 - 6/30/2005	666,718	-	-	666,718	666,718	-
7/1/2005 - 6/30/2006	965,164	-	-	965,164	965,164	-
7/1/2006 - 6/30/2007	1,936,462	-	-	1,936,462	1,936,462	-
7/1/2007 - 6/30/2008	596,435	-	-	596,435	596,435	-
7/1/2008 - 6/30/2009	1,332,495	-	-	1,332,495	1,332,495	-
7/1/2009 - 6/30/2010	133,487	-	-	133,487	133,487	-
7/1/2010 - 6/30/2011	660,116	-	-	660,116	660,116	-
7/1/2011 - 6/30/2012	642,478	-	-	642,478	642,478	-
7/1/2012 - 6/30/2013	814,412	-	-	814,412	814,412	-
7/1/2013 - 6/30/2014	119,693	-	-	119,693	119,693	-
7/1/2014 - 6/30/2015	265,190	-	-	265,190	265,190	-
7/1/2015 - 6/30/2016	538,528	-	-	538,528	538,528	-
7/1/2016 - 6/30/2017	228,587	-	-	228,587	228,587	-
7/1/2017 - 6/30/2018	524,399	-	-	524,399	524,399	-
7/1/2018 - 6/30/2019	316,769	-	-	316,769	316,769	-
7/1/2019 - 6/30/2020	152,373	-	-	152,373	152,373	-
7/1/2020 - 6/30/2021	601,246	-	-	601,246	601,246	-
7/1/2021 - 6/30/2022	1,200,000	373,888	153,053	826,112	979,165	220,835
7/1/2022 - 6/30/2023	530,000	253,071	107,363	276,929	384,292	145,708
7/1/2023 - 6/30/2024	632,819	393,613	205,666	239,206	444,872	187,947
7/1/2024 - 6/30/2025	684,436	684,436	258,717	-	258,717	425,719
Total	\$ 55,972,066	\$ 1,705,008	\$ 724,800	\$ 54,267,058	\$ 54,991,857	\$ 980,209

Notes: (a) See Exhibit 3. FY 2023-2024 and FY 2024-2025 from Exhibit 2, Sheet 1.

(b) See Exhibit 10, Sheet 1, Column (7).

(c) See Exhibit 11, Sheet 1, Column (4).

(d) See Exhibit 10, Sheet 1, Column (6).

(e) [(4) + (5)]

(f) [(2) - (6)]

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2026

MARINE

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/25 (b)	Est Paid Losses and ALAE btw 7/1/25 and 6/30/26 (c)	Paid Losses and ALAE as of 6/30/25 (d)	Paid Losses and ALAE as of 6/30/26 (e)	Estimated Unpaid Losses and ALAE as of 6/30/26 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 16,120,827	\$ -	\$ -	\$ 16,120,827	\$ 16,120,827	\$ -
7/1/1993 - 6/30/1994	960,948	-	-	960,948	960,948	-
7/1/1994 - 6/30/1995	2,767,547	-	-	2,767,547	2,767,547	-
7/1/1995 - 6/30/1996	1,185,317	-	-	1,185,317	1,185,317	-
7/1/1996 - 6/30/1997	3,263,512	-	-	3,263,512	3,263,512	-
7/1/1997 - 6/30/1998	1,710,705	-	-	1,710,705	1,710,705	-
7/1/1998 - 6/30/1999	1,982,012	-	-	1,982,012	1,982,012	-
7/1/1999 - 6/30/2000	3,043,707	-	-	3,043,707	3,043,707	-
7/1/2000 - 6/30/2001	3,531,032	-	-	3,531,032	3,531,032	-
7/1/2001 - 6/30/2002	3,513,867	-	-	3,513,867	3,513,867	-
7/1/2002 - 6/30/2003	2,942,917	-	-	2,942,917	2,942,917	-
7/1/2003 - 6/30/2004	1,407,868	-	-	1,407,868	1,407,868	-
7/1/2004 - 6/30/2005	666,718	-	-	666,718	666,718	-
7/1/2005 - 6/30/2006	965,164	-	-	965,164	965,164	-
7/1/2006 - 6/30/2007	1,936,462	-	-	1,936,462	1,936,462	-
7/1/2007 - 6/30/2008	596,435	-	-	596,435	596,435	-
7/1/2008 - 6/30/2009	1,332,495	-	-	1,332,495	1,332,495	-
7/1/2009 - 6/30/2010	133,487	-	-	133,487	133,487	-
7/1/2010 - 6/30/2011	660,116	-	-	660,116	660,116	-
7/1/2011 - 6/30/2012	642,478	-	-	642,478	642,478	-
7/1/2012 - 6/30/2013	814,412	-	-	814,412	814,412	-
7/1/2013 - 6/30/2014	119,693	-	-	119,693	119,693	-
7/1/2014 - 6/30/2015	265,190	-	-	265,190	265,190	-
7/1/2015 - 6/30/2016	538,528	-	-	538,528	538,528	-
7/1/2016 - 6/30/2017	228,587	-	-	228,587	228,587	-
7/1/2017 - 6/30/2018	524,399	-	-	524,399	524,399	-
7/1/2018 - 6/30/2019	316,769	-	-	316,769	316,769	-
7/1/2019 - 6/30/2020	152,373	-	-	152,373	152,373	-
7/1/2020 - 6/30/2021	601,246	-	-	601,246	601,246	-
7/1/2021 - 6/30/2022	1,200,000	220,835	80,900	979,165	1,060,065	139,935
7/1/2022 - 6/30/2023	530,000	145,708	59,646	384,292	443,938	86,062
7/1/2023 - 6/30/2024	632,819	187,947	79,735	444,872	524,607	108,212
7/1/2024 - 6/30/2025	684,436	425,719	222,442	258,717	481,159	203,277
7/1/2025 - 6/30/2026	740,250	740,250	279,815	-	279,815	460,435
Total	\$ 56,712,316	\$ 1,720,459	\$ 722,537	\$ 54,991,857	\$ 55,714,395	\$ 997,921

Notes: (a) See Exhibit 3. FY 2023-2024, FY 2024-2025, and FY 2025-2026 from Exhibit 2, Sheet 1.

(b) See Exhibit 10, Sheet 2, Column (7).

(c) See Exhibit 11, Sheet 1, Column (5).

(d) See Exhibit 10, Sheet 2, Column (6).

(e) [(4) + (5)]

(f) [(2) - (6)]

STATE OF ALASKA

PROJECTED FISCAL CALENDAR YEAR PAYOUTS

MARINE

Fiscal Year	Estimated Unpaid Losses and ALAE as of 6/30/23 (a)	Fiscal Calendar Year Payments (b)											
		7/1/23 - 6/30/24	7/1/24 - 6/30/25	7/1/25 - 6/30/26	7/1/26 - 6/30/27	7/1/27 - 6/30/28	7/1/28 - 6/30/29	7/1/29 - 6/30/30	7/1/30 - 6/30/31	7/1/31 - 6/30/32	7/1/32 - 6/30/33	7/1/33 - 6/30/34	7/1/34 - 6/30/35
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7/1/1993 - 6/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1994 - 6/30/1995	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1995 - 6/30/1996	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1996 - 6/30/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1997 - 6/30/1998	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1998 - 6/30/1999	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1999 - 6/30/2000	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2000 - 6/30/2001	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2001 - 6/30/2002	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2002 - 6/30/2003	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2003 - 6/30/2004	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2004 - 6/30/2005	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2005 - 6/30/2006	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2006 - 6/30/2007	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2007 - 6/30/2008	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2008 - 6/30/2009	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2009 - 6/30/2010	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2010 - 6/30/2011	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2011 - 6/30/2012	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2012 - 6/30/2013	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2013 - 6/30/2014	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2014 - 6/30/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2015 - 6/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2016 - 6/30/2017	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2017 - 6/30/2018	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2018 - 6/30/2019	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2019 - 6/30/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2020 - 6/30/2021	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2021 - 6/30/2022	649,384	275,496	153,053	80,900	63,408	30,611	15,305	15,305	2,186	13,119	-	-	-
7/1/2022 - 6/30/2023	530,000	276,929	107,363	59,646	31,527	24,711	11,929	5,965	5,965	852	5,113	-	-
7/1/2023 - 6/30/2024	632,819	239,206	205,666	79,735	44,297	23,414	18,352	8,859	4,430	4,430	633	3,797	-
7/1/2024 - 6/30/2025	684,436	-	258,717	222,442	86,239	47,911	25,324	19,849	9,582	4,791	4,791	684	4,107
7/1/2025 - 6/30/2026	740,250	-	-	279,815	240,581	93,272	51,818	27,389	21,467	10,364	5,182	5,182	740
Total	\$ 3,236,889	\$ 791,631	\$ 724,800	\$ 722,537	\$ 466,053	\$ 219,918	\$ 122,728	\$ 77,367	\$ 43,630	\$ 33,555	\$ 15,718	\$ 9,663	\$ 4,847

Notes: (a) See Exhibit 1, Sheet 2 through 6/30/2022. See Exhibit 2, Sheet 1 for fiscal years beginning July 1, 2022 through June 30, 2025.
(b) Estimated reserve payout based on selected payment pattern in Exhibit 4, Sheet 1.

STATE OF ALASKA

PROJECTED FISCAL CALENDAR YEAR PAYOUTS

MARINE

Fiscal Calendar Year Payments (b)

Fiscal Year	7/1/35 - 6/30/36	7/1/36 - 6/30/37
(1)	(15)	(16)
Prior	\$ -	\$ -
7/1/1993 - 6/30/1994	-	-
7/1/1994 - 6/30/1995	-	-
7/1/1995 - 6/30/1996	-	-
7/1/1996 - 6/30/1997	-	-
7/1/1997 - 6/30/1998	-	-
7/1/1998 - 6/30/1999	-	-
7/1/1999 - 6/30/2000	-	-
7/1/2000 - 6/30/2001	-	-
7/1/2001 - 6/30/2002	-	-
7/1/2002 - 6/30/2003	-	-
7/1/2003 - 6/30/2004	-	-
7/1/2004 - 6/30/2005	-	-
7/1/2005 - 6/30/2006	-	-
7/1/2006 - 6/30/2007	-	-
7/1/2007 - 6/30/2008	-	-
7/1/2008 - 6/30/2009	-	-
7/1/2009 - 6/30/2010	-	-
7/1/2010 - 6/30/2011	-	-
7/1/2011 - 6/30/2012	-	-
7/1/2012 - 6/30/2013	-	-
7/1/2013 - 6/30/2014	-	-
7/1/2014 - 6/30/2015	-	-
7/1/2015 - 6/30/2016	-	-
7/1/2016 - 6/30/2017	-	-
7/1/2017 - 6/30/2018	-	-
7/1/2018 - 6/30/2019	-	-
7/1/2019 - 6/30/2020	-	-
7/1/2020 - 6/30/2021	-	-
7/1/2021 - 6/30/2022	-	-
7/1/2022 - 6/30/2023	-	-
7/1/2023 - 6/30/2024	-	-
7/1/2024 - 6/30/2025	-	-
7/1/2025 - 6/30/2026	4,442	-
Total	\$ 4,442	\$ -

Notes: (a) See Exhibit 1, Sheet 2 through 6/30/2022. See Exhibit 2, Sheet 1 for fiscal years beginning July 1, 2022 through June 30, 2025.
(b) Estimated reserve payout based on selected payment pattern in Exhibit 4, Sheet 1.

STATE OF ALASKA

SIZE OF LOSS DISTRIBUTION

MARINE

Fiscal Year	\$0	\$0.01-\$5,000	\$5,000-\$10,000	\$10,000-\$25,000	\$25,000-\$50,000	\$50,000-\$100,000	\$100,000-\$250,000	\$250,000-\$500,000	\$500,000-\$750,000	\$750,000-\$1,000,000	Over \$1,000,000	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Reported Claim Counts *												
Prior	1,946	5,314	252	211	111	82	64	26	9	3	2	8,020
7/1/2010 - 6/30/2011	14	23	4	2	5	-	2	-	-	-	-	50
7/1/2011 - 6/30/2012	28	17	-	3	2	5	1	-	-	-	-	56
7/1/2012 - 6/30/2013	27	13	2	-	1	3	1	1	-	-	-	48
7/1/2013 - 6/30/2014	5	7	-	2	1	1	-	-	-	-	-	16
7/1/2014 - 6/30/2015	14	21	1	-	-	-	1	-	-	-	-	37
7/1/2015 - 6/30/2016	9	7	1	-	2	1	2	-	-	-	-	22
7/1/2016 - 6/30/2017	11	16	-	-	1	1	1	-	-	-	-	30
7/1/2017 - 6/30/2018	12	6	1	2	2	-	3	-	-	-	-	26
7/1/2018 - 6/30/2019	13	13	2	-	-	1	1	-	-	-	-	30
7/1/2019 - 6/30/2020	6	3	-	-	1	-	-	1	-	-	-	11
7/1/2020 - 6/30/2021	1	6	1	-	-	-	1	-	-	-	1	10
7/1/2021 - 6/30/2022	2	2	-	-	-	-	-	3	-	-	-	7
7/1/2022 - 6/30/2023	-	-	-	1	-	-	-	-	-	-	-	1
Total	2,088	5,448	264	221	126	94	77	31	9	3	3	8,364
Reported Losses												
Prior	\$ -	\$ 4,060,271	\$ 1,738,335	\$ 3,447,002	\$ 3,893,304	\$ 5,797,870	\$ 10,301,153	\$ 9,207,035	\$ 5,199,306	\$ 2,553,421	\$ 2,320,749	\$ 48,518,446
7/1/2010 - 6/30/2011	-	22,714	32,412	44,422	172,206	-	388,361	-	-	-	-	660,116
7/1/2011 - 6/30/2012	-	23,948	-	44,237	73,858	379,270	121,165	-	-	-	-	642,478
7/1/2012 - 6/30/2013	-	12,161	15,888	-	41,564	239,341	113,984	391,474	-	-	-	814,412
7/1/2013 - 6/30/2014	-	13,028	-	24,693	29,621	52,351	-	-	-	-	-	119,693
7/1/2014 - 6/30/2015	-	37,670	8,012	-	-	-	219,509	-	-	-	-	265,190
7/1/2015 - 6/30/2016	-	14,895	5,459	-	73,274	77,412	367,489	-	-	-	-	538,528
7/1/2016 - 6/30/2017	-	17,341	-	-	33,111	63,588	114,547	-	-	-	-	228,587
7/1/2017 - 6/30/2018	-	11,474	6,845	40,792	79,063	-	386,224	-	-	-	-	524,399
7/1/2018 - 6/30/2019	-	22,489	11,035	-	-	78,773	204,472	-	-	-	-	316,769
7/1/2019 - 6/30/2020	-	6,998	-	-	45,375	-	-	319,967	-	-	-	372,340
7/1/2020 - 6/30/2021	-	6,283	5,712	-	-	-	189,251	-	-	-	1,272,500	1,473,746
7/1/2021 - 6/30/2022	-	3,916	-	-	-	-	-	1,154,596	-	-	-	1,158,513
7/1/2022 - 6/30/2023	-	-	-	15,000	-	-	-	-	-	-	-	15,000
Total	\$ -	\$ 4,253,187	\$ 1,823,697	\$ 3,616,147	\$ 4,441,376	\$ 6,688,606	\$ 12,406,154	\$ 11,073,072	\$ 5,199,306	\$ 2,553,421	\$ 3,593,249	\$ 55,648,216

* Reported claim counts are total number of claimants for all occurrences and may not match Exhibit 8.

Based on data provided by the State.

STATE OF ALASKA

SELF-INSURED RETENTIONS BY FISCAL YEAR

MARINE

Fiscal Year	Protection & Indemnity	Hull & Machinery	AMHS Ferry Docks
(1)	(2)	(3)	(4)
7/1/1980 - 6/30/1981	\$ 100,000	\$ 100,000	\$ 300,000
7/1/1981 - 6/30/1982	100,000	100,000	-
7/1/1982 - 6/30/1983	100,000	100,000	-
7/1/1983 - 6/30/1984	100,000	100,000	200,000
7/1/1984 - 6/30/1985 through			
7/1/1985 - 6/30/1986	50,000	50,000	200,000
7/1/1986 - 6/30/1987	100,000	50,000	250,000
7/1/1987 - 6/30/1988 through			
7/1/1993 - 6/30/1994	1,000,000	1,000,000	250,000
7/1/1994 - 6/30/1995 through			
7/1/2008 - 6/30/2009	1,000,000	1,000,000	N/A
7/1/2009 - 6/30/2010 through			
7/1/2011 - 6/30/2012	1,000,000	750,000	N/A
7/1/2012 - 6/30/2013 through			
7/1/2015 - 6/30/2016	500,000	750,000	N/A
7/1/2016 - 6/30/2017 through			
7/1/2018 - 6/30/2019	500,000	500,000	N/A
7/1/2019 - 6/30/2020	100,000	500,000	N/A
7/1/2020 - 6/30/2021	100,000	400,000	N/A
7/1/2021 - 6/30/2022 through Current	500,000	400,000	N/A

Retentions provided by the State.

STATE OF ALASKA

AVIATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2023

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9566	-
7/1/08-6/30/09	-	0.9570	-
7/1/09-6/30/10	-	0.9479	-
7/1/10-6/30/11	-	0.9463	-
7/1/11-6/30/12	-	0.9437	-
7/1/12-6/30/13	-	0.9393	-
7/1/13-6/30/14	-	0.9390	-
7/1/14-6/30/15	-	0.9153	-
7/1/15-6/30/16	-	0.9137	-
7/1/16-6/30/17	137,086	0.9073	124,378
7/1/17-6/30/18	-	0.9129	-
7/1/18-6/30/19	-	0.9223	-
7/1/19-6/30/20	233,943	0.9241	216,187
7/1/20-6/30/21	-	0.9306	-
7/1/21-6/30/22	228,447	0.9368	214,009
7/1/22-6/30/23	225,000	0.9483	213,368
Total	\$ 824,476		\$ 767,942

Notes: (a) See Sheet 2.
(b) See Exhibit 9.

STATE OF ALASKA

AVIATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2024

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ (0)	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9566	-
7/1/09-6/30/10	-	0.9570	-
7/1/10-6/30/11	-	0.9479	-
7/1/11-6/30/12	-	0.9463	-
7/1/12-6/30/13	-	0.9437	-
7/1/13-6/30/14	-	0.9393	-
7/1/14-6/30/15	-	0.9390	-
7/1/15-6/30/16	-	0.9153	-
7/1/16-6/30/17	108,862	0.9137	99,467
7/1/17-6/30/18	-	0.9073	-
7/1/18-6/30/19	-	0.9129	-
7/1/19-6/30/20	159,412	0.9223	147,026
7/1/20-6/30/21	-	0.9241	-
7/1/21-6/30/22	135,431	0.9306	126,032
7/1/22-6/30/23	109,992	0.9368	103,041
7/1/23-6/30/24	289,856	0.9483	274,870
Total	\$ 803,553		\$ 750,436

Notes: (a) See Exhibit 10, Sheet 1.
(b) See Exhibit 9.

STATE OF ALASKA

AVIATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2025

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ (0)	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9566	-
7/1/10-6/30/11	-	0.9570	-
7/1/11-6/30/12	-	0.9479	-
7/1/12-6/30/13	-	0.9463	-
7/1/13-6/30/14	-	0.9437	-
7/1/14-6/30/15	-	0.9393	-
7/1/15-6/30/16	-	0.9390	-
7/1/16-6/30/17	80,638	0.9153	73,808
7/1/17-6/30/18	-	0.9137	-
7/1/18-6/30/19	-	0.9073	-
7/1/19-6/30/20	101,444	0.9129	92,608
7/1/20-6/30/21	-	0.9223	-
7/1/21-6/30/22	84,086	0.9241	77,704
7/1/22-6/30/23	65,207	0.9306	60,682
7/1/23-6/30/24	141,697	0.9368	132,742
7/1/24-6/30/25	311,970	0.9483	295,841
Total	\$ 785,042		\$ 733,385

Notes: (a) See Exhibit 10, Sheet 2.
(b) See Exhibit 9.

STATE OF ALASKA

AVIATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2026

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ (0)	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9853	-
7/1/10-6/30/11	-	0.9566	-
7/1/11-6/30/12	-	0.9570	-
7/1/12-6/30/13	-	0.9479	-
7/1/13-6/30/14	-	0.9463	-
7/1/14-6/30/15	-	0.9437	-
7/1/15-6/30/16	-	0.9393	-
7/1/16-6/30/17	76,606	0.9390	71,933
7/1/17-6/30/18	-	0.9153	-
7/1/18-6/30/19	-	0.9137	-
7/1/19-6/30/20	70,390	0.9073	63,865
7/1/20-6/30/21	-	0.9129	-
7/1/21-6/30/22	57,297	0.9223	52,845
7/1/22-6/30/23	40,486	0.9241	37,413
7/1/23-6/30/24	84,003	0.9306	78,173
7/1/24-6/30/25	152,507	0.9368	142,869
7/1/25-6/30/26	335,764	0.9483	318,405
Total	\$ 817,053		\$ 765,503

Notes: (a) See Exhibit 10, Sheet 3.
(b) See Exhibit 9.

STATE OF ALASKA

AVIATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF LIMITED UNDISCOUNTED RESERVES FOR LOSSES AND ALAE

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Reported Losses and ALAE (b)	Paid Losses and ALAE (b)	Case Reserves for Losses and ALAE [(3) - (4)]	IBNR Reserves for Losses and ALAE [(2) - (3)]	Total Reserves for Losses and ALAE [(5) + (6)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 3,488,648	\$ 3,488,648	\$ 3,488,648	\$ -	\$ -	\$ -
7/1/93-6/30/94	238,622	238,622	238,622	-	-	-
7/1/94-6/30/95	369,817	369,817	369,817	-	-	-
7/1/95-6/30/96	61,421	61,421	61,421	-	-	-
7/1/96-6/30/97	129,936	129,936	129,936	-	-	-
7/1/97-6/30/98	461,438	461,438	461,438	-	-	-
7/1/98-6/30/99	164,717	164,717	164,717	-	-	-
7/1/99-6/30/00	108,668	108,668	108,668	-	-	-
7/1/00-6/30/01	794,702	794,702	794,702	-	-	-
7/1/01-6/30/02	251,100	251,100	251,100	-	-	-
7/1/02-6/30/03	100,439	100,439	100,439	-	-	-
7/1/03-6/30/04	14,741	14,741	14,741	-	-	-
7/1/04-6/30/05	95,620	95,620	95,620	-	-	-
7/1/05-6/30/06	392,318	392,318	392,318	-	-	-
7/1/06-6/30/07	25,800	25,800	25,800	-	-	-
7/1/07-6/30/08	485,895	485,895	485,895	-	-	-
7/1/08-6/30/09	864,415	864,415	864,415	-	-	-
7/1/09-6/30/10	37,228	37,228	37,228	-	-	-
7/1/10-6/30/11	394,659	394,659	394,659	-	-	-
7/1/11-6/30/12	412,234	412,234	412,234	-	-	-
7/1/12-6/30/13	323,636	323,636	323,636	-	-	-
7/1/13-6/30/14	12,409	12,409	12,409	-	-	-
7/1/14-6/30/15	544,083	544,083	544,083	-	-	-
7/1/15-6/30/16	1,641	1,641	1,641	-	-	-
7/1/16-6/30/17	660,000	594,683	522,915	71,769	65,317	137,086
7/1/17-6/30/18	10,562	10,562	10,562	-	-	-
7/1/18-6/30/19	-	-	-	-	-	-
7/1/19-6/30/20	700,000	675,000	466,057	208,943	25,000	233,943
7/1/20-6/30/21	-	-	-	-	-	-
7/1/21-6/30/22	400,000	181,554	171,554	10,000	218,447	228,447
7/1/22-6/30/23	475,000	260,500	250,000	10,500	214,500	225,000
Total	\$ 12,019,750	\$ 11,496,487	\$ 11,195,275	\$ 301,212	\$ 523,264	\$ 824,476

Notes: (a) See Exhibit 3.
(b) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

AVIATION PROGRAM AS OF JUNE 30, 2023

RECONCILIATION OF RESERVE BALANCE

(1) Reserve Balance (Undiscounted) as of June 30, 2022 (a)	\$ 781,305
(2) Reserve as of June 30, 2023 for accidents that occurred between July 1, 2022 and June 30, 2023 (b)	225,000
(3) Change in Case Reserves on accidents that occurred prior to July 1, 2022 (c)	(107,610)
(4) Change in IBNR (d)	(74,221)
(5) Reserve Balance (Undiscounted) as of June 30, 2023 [(1) + (2) + (3) + (4)]	\$ 824,474
(6) Payments between July 1, 2022 and June 30, 2023 on accidents that occurred prior to July 1, 2022 (c)	\$ 381,831
(7) Change in Actuarial Estimates [(3) + (4) + (6)]	\$ 200,000

- Notes: (a) See June 30, 2022 actuarial report.
 (b) See Sheet 2 for period 7/1/22-6/30/23.
 (c) Based on data provided by the State.
 (d) Balancing item. Reflects changes in IBNR for accidents prior to 7/1/22.

STATE OF ALASKA

AVIATION PROGRAM

DEVELOPMENT OF FUTURE FUNDING AMOUNTS AS OF JUNE 30, 2023

AT \$250,000 RETENTION

Self Funded Period	Selected Loss Cost at 7/1/23 Level (a)	Trend Factor (b)	Adjusted Loss Cost [(2) × (3)]	FTE (c)	Expected Limited Funding Amount [(4) × (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/23-6/30/24	\$ 25.00	1.050	\$ 26.25	17,583	\$ 461,554
7/1/24-6/30/25	25.00	1.103	27.56	18,023	496,768
7/1/25-6/30/26	25.00	1.158	28.94	18,474	534,656

Notes: (a) See Sheet 2.

(b) Based on an assumed annual trend of 5.0%.

(c) 2023-2024 provided by the State. Subsequent years assume a trend of 2.5% per annum.

STATE OF ALASKA

AVIATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF PROJECTED LOSS RATES

Fiscal Year	Selected Ultimate Losses and ALAE (a)	FTE (b)	Factor to Adjust to Current Level Trend (c)	Indicated Loss Rate (d)
(1)	(2)	(3)	(4)	(5)
7/1/02-6/30/03	\$ 100,439	16,960	2.655	\$ 15.72
7/1/03-6/30/04	14,741	14,579	2.529	2.56
7/1/04-6/30/05	95,620	15,398	2.409	14.96
7/1/05-6/30/06	392,318	15,397	2.294	58.45
7/1/06-6/30/07	25,800	15,773	2.185	3.57
7/1/07-6/30/08	485,895	16,050	2.081	63.00
7/1/08-6/30/09	864,415	15,977	1.982	107.23
7/1/09-6/30/10	37,228	16,386	1.888	4.29
7/1/10-6/30/11	394,659	16,721	1.798	42.44
7/1/11-6/30/12	412,234	16,951	1.712	41.63
7/1/12-6/30/13	323,636	17,025	1.630	30.99
7/1/13-6/30/14	12,409	16,848	1.552	1.14
7/1/14-6/30/15	544,083	16,959	1.478	47.42
7/1/15-6/30/16	1,641	17,272	1.408	0.13
7/1/16-6/30/17	660,000	17,242	1.341	51.33
7/1/17-6/30/18	10,562	16,625	1.277	0.81
7/1/18-6/30/19	-	16,744	1.216	-
7/1/19-6/30/20	700,000	16,451	1.158	49.27
7/1/20-6/30/21	-	16,919	1.103	-
7/1/21-6/30/22	400,000	16,748	1.050	25.08
7/1/22-6/30/23	475,000	16,961	1.000	28.01
Total/Wght Avg	\$ 5,950,680	345,986		\$ 27.91
(7) Straight average all				\$ 28.00
(8) Straight average last 5				20.47
(9) Straight average last 3				17.70
(10) Exposure weighted-average all				27.91
(11) Exposure weighted-average last 5				20.35
(12) Exposure weighted-average last 3				17.68
(13) Selected Current Level Loss Cost				\$ 25.00

- Notes: (a) See Exhibit 3.
(b) Provided by the State.
(c) Based on an assumed trend of 5.0% per annum.
(d) [(2) × (4) ÷ (3)]

STATE OF ALASKA

AVIATION PROGRAM
AS OF JUNE 30, 2023

SELECTED LIMITED ULTIMATE LOSSES AND ALAE

Fiscal Year	Projected Ultimate Losses and ALAE based on data through June 30, 2023					Paid Losses and ALAE (e)	Reported Losses and ALAE (e)	Prior Selected (f)	Selected
	Reported Method (a)	Paid Method (a)	Unreported Method (b)	Unpaid Method (c)	Expected Method (d)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Prior						\$ 3,488,648	\$ 3,488,648	\$ 3,488,648	\$ 3,488,648 (g)
7/1/93-6/30/94	\$ 238,622	\$ 238,622				238,622	238,622	238,622	238,622
7/1/94-6/30/95	369,817	369,817				369,817	369,817	369,817	369,817
7/1/95-6/30/96	61,421	61,421				61,421	61,421	61,421	61,421
7/1/96-6/30/97	129,936	129,936				129,936	129,936	129,936	129,936
7/1/97-6/30/98	461,438	461,438				461,438	461,438	461,438	461,438
7/1/98-6/30/99	164,717	164,717				164,717	164,717	164,717	164,717
7/1/99-6/30/00	108,668	108,668				108,668	108,668	108,668	108,668
7/1/00-6/30/01	794,702	794,702				794,702	794,702	794,702	794,702
7/1/01-6/30/02	251,100	251,100				251,100	251,100	251,100	251,100
7/1/02-6/30/03	100,439	100,439	\$ 100,439	\$ 100,439	\$ 172,827	100,439	100,439	100,439	100,439
7/1/03-6/30/04	14,741	14,741	14,741	14,741	155,965	14,741	14,741	14,741	14,741
7/1/04-6/30/05	95,620	95,620	95,620	95,620	172,933	95,620	95,620	95,620	95,620
7/1/05-6/30/06	392,318	392,318	392,318	392,318	181,590	392,318	392,318	392,318	392,318
7/1/06-6/30/07	25,800	25,826	25,800	25,995	195,304	25,800	25,800	25,800	25,800
7/1/07-6/30/08	485,895	486,381	485,895	486,104	208,666	485,895	485,895	485,895	485,895
7/1/08-6/30/09	865,280	866,144	864,633	864,851	218,092	864,415	864,415	864,415	864,415
7/1/09-6/30/10	37,265	37,340	37,463	37,932	234,812	37,228	37,228	37,228	37,228
7/1/10-6/30/11	395,449	396,633	395,162	395,917	251,606	394,659	394,659	394,659	394,659
7/1/11-6/30/12	413,470	415,532	413,038	414,377	267,880	412,234	412,234	412,234	412,234
7/1/12-6/30/13	325,254	327,519	325,049	327,027	282,585	323,636	323,636	323,636	323,636
7/1/13-6/30/14	12,509	12,645	14,759	17,989	293,701	12,409	12,409	12,409	12,409
7/1/14-6/30/15	545,171	554,964	544,704	550,292	310,438	544,083	544,083	544,083	544,083
7/1/15-6/30/16	1,649	1,686	3,300	10,602	331,886	1,641	1,641	1,641	1,641
7/1/16-6/30/17	599,441	541,217	597,466	534,742	347,863	522,915	594,683	660,000	660,000
7/1/17-6/30/18	10,700	11,101	15,141	27,821	352,225	10,562	10,562	10,562	10,562
7/1/18-6/30/19	-	-	7,078	28,686	372,542	-	-	-	-
7/1/19-6/30/20	695,250	525,247	686,146	509,489	384,355	466,057	675,000	500,000	700,000
7/1/20-6/30/21	-	-	21,995	75,530	415,000	-	-	-	-
7/1/21-6/30/22	205,337	247,380	231,613	304,037	431,542	171,554	181,554	400,000	400,000
7/1/22-6/30/23	378,507	671,250	403,671	538,178	458,882	250,000	260,500	400,680	475,000
Total						\$ 11,195,275	\$ 11,496,487	\$ 11,745,430	\$ 12,019,750
Subtotal 93-23	\$ 8,180,516	\$ 8,304,404				\$ 7,706,628	\$ 8,007,839	\$ 8,256,782	\$ 8,531,102
Subtotal 02-23	\$ 5,600,095	\$ 5,723,983	\$ 5,676,031	\$ 5,752,687	\$ 6,040,694	\$ 5,126,206	\$ 5,427,417	\$ 5,676,360	\$ 5,950,680

- Notes: (a) See Exhibit 4, Sheet 1.
(b) See Exhibit 5.
(c) See Exhibit 6.
(d) See Exhibit 7.
(e) Provided by the State. Losses are net of excess insurance.
(f) From June 30, 2022 actuarial report.
(g) Based on judgment.

STATE OF ALASKA

AVIATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE REPORTED / PAID DEVELOPMENT METHODS

Fiscal Year	Reported Losses and ALAE (a)	Development Factor to Ultimate (b)	Projected Ultimate Losses and ALAE [(2) × (3)]	Paid Losses and ALAE (a)	Development Factor to Ultimate (c)	Projected Ultimate Losses and ALAE [(5) × (6)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)
7/1/93-6/30/94	\$ 238,622	1.000	\$ 238,622	\$ 238,622	1.000	\$ 238,622
7/1/94-6/30/95	369,817	1.000	369,817	369,817	1.000	369,817
7/1/95-6/30/96	61,421	1.000	61,421	61,421	1.000	61,421
7/1/96-6/30/97	129,936	1.000	129,936	129,936	1.000	129,936
7/1/97-6/30/98	461,438	1.000	461,438	461,438	1.000	461,438
7/1/98-6/30/99	164,717	1.000	164,717	164,717	1.000	164,717
7/1/99-6/30/00	108,668	1.000	108,668	108,668	1.000	108,668
7/1/00-6/30/01	794,702	1.000	794,702	794,702	1.000	794,702
7/1/01-6/30/02	251,100	1.000	251,100	251,100	1.000	251,100
7/1/02-6/30/03	100,439	1.000	100,439	100,439	1.000	100,439
7/1/03-6/30/04	14,741	1.000	14,741	14,741	1.000	14,741
7/1/04-6/30/05	95,620	1.000	95,620	95,620	1.000	95,620
7/1/05-6/30/06	392,318	1.000	392,318	392,318	1.000	392,318
7/1/06-6/30/07	25,800	1.000	25,800	25,800	1.001	25,826
7/1/07-6/30/08	485,895	1.000	485,895	485,895	1.001	486,381
7/1/08-6/30/09	864,415	1.001	865,280	864,415	1.002	866,144
7/1/09-6/30/10	37,228	1.001	37,265	37,228	1.003	37,340
7/1/10-6/30/11	394,659	1.002	395,449	394,659	1.005	396,633
7/1/11-6/30/12	412,234	1.003	413,470	412,234	1.008	415,532
7/1/12-6/30/13	323,636	1.005	325,254	323,636	1.012	327,519
7/1/13-6/30/14	12,409	1.008	12,509	12,409	1.019	12,645
7/1/14-6/30/15	544,083	1.002	545,171	544,083	1.020	554,964
7/1/15-6/30/16	1,641	1.005	1,649	1,641	1.028	1,686
7/1/16-6/30/17	594,683	1.008	599,441	522,915	1.035	541,217
7/1/17-6/30/18	10,562	1.013	10,700	10,562	1.051	11,101
7/1/18-6/30/19	-	1.019	-	-	1.083	-
7/1/19-6/30/20	675,000	1.030	695,250	466,057	1.127	525,247
7/1/20-6/30/21	-	1.056	-	-	1.223	-
7/1/21-6/30/22	181,554	1.131	205,337	171,554	1.442	247,380
7/1/22-6/30/23	260,500	1.453	378,507	250,000	2.685	671,250
Total	\$ 8,007,839		\$ 8,180,516	\$ 7,706,628		\$ 8,304,404

Notes: (a) Provided by the State. Losses are net of excess insurance.
(b) See Sheets 2 and 3.
(c) See Sheets 4 and 5.

STATE OF ALASKA

AVIATION PROGRAM
AS OF JUNE 30, 2023

LIMITED REPORTED LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94												239	239	239	239
7/1/94-6/30/95											370	370	370	370	370
7/1/95-6/30/96										61	61	61	61	61	61
7/1/96-6/30/97									130	130	130	130	130	130	130
7/1/97-6/30/98								461	461	461	461	461	461	461	461
7/1/98-6/30/99							165	165	165	165	165	165	165	165	165
7/1/99-6/30/00						109	109	109	109	109	109	109	109	109	109
7/1/00-6/30/01					795	795	795	795	795	784	784	795	795	795	795
7/1/01-6/30/02				251	251	251	251	251	251	251	251	251	251	251	251
7/1/02-6/30/03			333	333	333	333	333	333	333	100	100	100	100	100	100
7/1/03-6/30/04		268	263	15	15	15	15	15	15	15	15	15	15	15	15
7/1/04-6/30/05	96	121	121	96	96	96	96	96	96	96	96	96	96	96	96
7/1/05-6/30/06	306	318	326	326	348	392	392	392	392	392	392	392	392	392	392
7/1/06-6/30/07	36	36	26	26	26	26	26	26	26	26	26	26	26	26	26
7/1/07-6/30/08	260	241	241	336	486	486	486	486	486	486	486	486	486	486	486
7/1/08-6/30/09	793	881	869	864	864	864	864	864	864	864	864	864	864	864	864
7/1/09-6/30/10	10	42	37	37	37	37	37	37	37	37	37	37	37	37	37
7/1/10-6/30/11	242	224	249	399	395	395	395	395	395	395	395	395	395	395	395
7/1/11-6/30/12	200	303	331	445	438	412	412	412	412	412	412	412	412	412	412
7/1/12-6/30/13	254	326	324	324	324	324	324	324	324	324	324	324	324	324	324
7/1/13-6/30/14	-	66	15	12	12	12	12	12	12	12	12	12	12	12	12
7/1/14-6/30/15	281	300	300	544	544	544	544	544	544	544	544	544	544	544	544
7/1/15-6/30/16	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2
7/1/16-6/30/17	205	285	635	606	624	652	595	595	595	595	595	595	595	595	595
7/1/17-6/30/18	-	25	25	11	11	11	11	11	11	11	11	11	11	11	11
7/1/18-6/30/19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/19-6/30/20	250	250	475	675	675	675	675	675	675	675	675	675	675	675	675
7/1/20-6/30/21	256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/21-6/30/22	50	182	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/22-6/30/23	261	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94												1.000	1.000	1.000	1.000
7/1/94-6/30/95												1.000	1.000	1.000	1.000
7/1/95-6/30/96										1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97									1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98								1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99							1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00						1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01					1.000	1.000	1.000	1.000	0.986	1.000	1.014	1.000	1.000	1.000	1.000
7/1/01-6/30/02				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03			1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04		0.981	0.057	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.260	1.000	0.793	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.039	1.025	1.000	1.067	1.126	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.000	0.722	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.992
7/1/07-6/30/08	0.927	1.000	1.394	1.446	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/08-6/30/09	1.111	0.986	0.994	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/09-6/30/10	4.200	0.881	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.006	1.000	1.000	1.000
7/1/10-6/30/11	0.926	1.112	1.602	0.990	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000
7/1/11-6/30/12	1.515	1.092	1.344	0.984	0.941	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000
7/1/12-6/30/13	1.283	0.994	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000
7/1/13-6/30/14		0.227	0.800	1.000	1.000	1.000	1.000	1.034	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/14-6/30/15	1.068	1.000	1.813	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/15-6/30/16				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/16-6/30/17	1.390	2.228	0.954	1.030	1.045	0.912	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/17-6/30/18		1.000	0.440	0.960	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/18-6/30/19															
7/1/19-6/30/20	1.000	1.900	1.421	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/20-6/30/21															
7/1/21-6/30/22	3.631														
Avg All	1.565	1.077	1.038	1.028	1.006	0.995	1.000	1.002	0.960	1.000	1.001	1.000	1.000	1.000	0.999
Avg Latest 3	2.316	1.900	0.931	0.995	1.015	0.971	1.000	1.011	1.000	1.000	1.000	1.002	1.000	1.000	0.997
\$ Avg All	1.111	1.149	1.105	1.039	1.008	0.990	1.000	1.000	0.954	1.000	1.002	1.000	1.000	1.000	1.000
\$ Avg Latest 3	0.776	0.900	1.372	1.028	1.044	0.952	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.285	1.071	1.025	1.010	1.006	1.005	1.003	1.003	0.994	1.003	1.002	1.001	1.001	1.000	1.001
Prior Selected	1.272	1.066	1.025	1.021	1.006	1.005	1.003	0.998	0.998	1.001	1.001	1.001	1.001	1.000	1.000
Selected	1.285	1.071	1.025	1.010	1.006	1.005	1.003	1.003	0.994	1.003	1.002	1.001	1.001	1.000	1.001
Age-Ultimate	1.453	1.131	1.056	1.030	1.019	1.013	1.008	1.005	1.002	1.008	1.005	1.003	1.002	1.001	1.001

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

AVIATION PROGRAM
AS OF JUNE 30, 2023

LIMITED REPORTED LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239
7/1/94-6/30/95	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370
7/1/95-6/30/96	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
7/1/96-6/30/97	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
7/1/97-6/30/98	461	461	461	461	461	461	461	461	461	461	461	461	461	461	461
7/1/98-6/30/99	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165
7/1/99-6/30/00	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
7/1/00-6/30/01	795	795	795	795	795	795	795	795	795	795	795	795	795	795	795
7/1/01-6/30/02	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251
7/1/02-6/30/03	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7/1/03-6/30/04	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
7/1/04-6/30/05	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
7/1/05-6/30/06	392	392	392	392	392	392	392	392	392	392	392	392	392	392	392
7/1/06-6/30/07	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
7/1/07-6/30/08	486	486	486	486	486	486	486	486	486	486	486	486	486	486	486
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000	
7/1/94-6/30/95	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/95-6/30/96	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.007	1.000		
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000				
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000						
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.997	1.000						
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
7/1/01-6/30/02	1.000	1.000	1.000	1.000	1.000	1.000									
7/1/02-6/30/03	1.000	1.000	1.000	1.004	1.000										
7/1/03-6/30/04	1.000	1.000	0.983	1.000											
7/1/04-6/30/05	1.000	0.996	1.000												
7/1/05-6/30/06	1.001	1.000													
7/1/06-6/30/07	1.000														
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
Avg All	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.002	1.000	0.999	1.000	
Avg Latest 3	1.000	0.999	0.994	1.001	1.000	1.000	0.999	0.999	1.000	1.000	1.002	1.000	0.999	1.000	
\$ Avg All	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000	0.999	1.000	
\$ Avg Latest 3	1.001	0.999	0.999	1.001	1.000	1.000	1.000	1.000	1.001	1.000	1.001	1.000	0.999	1.000	
Industry	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

AVIATION PROGRAM
AS OF JUNE 30, 2023

LIMITED PAID LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94												239	239	239	239
7/1/94-6/30/95											370	370	370	370	370
7/1/95-6/30/96										61	61	61	61	61	61
7/1/96-6/30/97									130	130	130	130	130	130	130
7/1/97-6/30/98								461	461	461	461	461	461	461	461
7/1/98-6/30/99							165	165	165	165	165	165	165	165	165
7/1/99-6/30/00						109	109	109	109	109	109	109	109	109	109
7/1/00-6/30/01					739	795	795	795	795	784	784	795	795	795	795
7/1/01-6/30/02				251	251	251	251	251	251	251	251	251	251	251	251
7/1/02-6/30/03			268	333	333	333	333	333	333	333	333	333	333	333	333
7/1/03-6/30/04		15	15	15	15	15	15	15	15	15	15	15	15	15	15
7/1/04-6/30/05	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
7/1/05-6/30/06	149	318	321	326	348	392	392	392	392	392	392	392	392	392	392
7/1/06-6/30/07	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
7/1/07-6/30/08	164	235	237	298	486	486	486	486	486	486	486	486	486	486	486
7/1/08-6/30/09	398	828	853	864	864	864	864	864	864	864	864	864	864	864	864
7/1/09-6/30/10	6	7	37	37	37	37	37	37	37	37	37	37	37	37	37
7/1/10-6/30/11	63	224	235	243	395	395	395	395	395	395	395	395	395	395	395
7/1/11-6/30/12	47	63	216	419	412	412	412	412	412	412	412	412	412	412	412
7/1/12-6/30/13	254	322	324	324	324	324	324	324	324	324	324	324	324	324	324
7/1/13-6/30/14	-	-	1	12	12	12	12	12	12	12	12	12	12	12	12
7/1/14-6/30/15	-	5	292	544	544	544	544	544	544	544	544	544	544	544	544
7/1/15-6/30/16	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2
7/1/16-6/30/17	129	169	382	470	490	518	523	523	523	523	523	523	523	523	523
7/1/17-6/30/18	-	-	-	11	11	11	11	11	11	11	11	11	11	11	11
7/1/18-6/30/19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/19-6/30/20	1	250	261	466	466	466	466	466	466	466	466	466	466	466	466
7/1/20-6/30/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/21-6/30/22	-	172	172	172	172	172	172	172	172	172	172	172	172	172	172
7/1/22-6/30/23	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94												1.000	1.000	1.000	1.000
7/1/94-6/30/95											1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96										1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97									1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98								1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99							1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00						1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01					1.076	1.000	1.000	1.000	0.986	1.000	1.014	1.000	1.000	1.000	1.000
7/1/01-6/30/02				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03			1.243	1.000	0.300	1.000	3.330	1.000	0.300	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	2.134	1.009	1.016	1.067	1.126	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.992
7/1/07-6/30/08	1.433	1.009	1.257	1.631	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/08-6/30/09	2.080	1.030	1.013	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/09-6/30/10	1.167	5.286	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.006	1.000	1.000	1.000
7/1/10-6/30/11	3.556	1.049	1.034	1.626	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000
7/1/11-6/30/12	1.340	3.429	1.940	0.983	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000
7/1/12-6/30/13	1.268	1.006	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000
7/1/13-6/30/14			12.000	1.000	1.000	1.000	1.000	1.034	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/14-6/30/15		58.400	1.863	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/15-6/30/16				1.000	1.000	0.820	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/16-6/30/17	1.310	2.260	1.230	1.043	1.057	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010
7/1/17-6/30/18				0.960	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/18-6/30/19															
7/1/19-6/30/20	250.000	1.044	1.786	1.786	1.786	1.786	1.786	1.786	1.786	1.786	1.786	1.786	1.786	1.786	1.786
7/1/20-6/30/21															
7/1/21-6/30/22															
Avg All	24.208	6.040	1.959	1.077	0.976	0.991	1.129	1.002	0.960	1.000	1.001	1.000	1.000	1.000	0.999
Avg Latest 3	250.000	1.044	1.786	1.002	1.019	0.943	1.000	1.011	1.000	1.000	1.000	1.002	1.000	1.000	0.997
\$ Avg All	2.036	1.289	1.259	1.088	0.980	1.001	1.046	1.000	0.954	1.000	1.002	1.000	1.000	1.000	1.000
\$ Avg Latest 3	421.554	1.044	1.828	1.041	1.055	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry	1.862	1.179	1.085	1.041	1.031	1.015	1.007	1.007	1.001	1.006	1.004	1.003	1.002	1.001	1.001
Prior Selected	1.845	1.161	1.079	1.049	1.023	1.014	1.008	1.004	1.004	1.004	1.002	1.001	1.001	1.000	1.001
Selected	1.862	1.179	1.085	1.041	1.031	1.015	1.007	1.007	1.001	1.006	1.004	1.003	1.002	1.001	1.001
Age-Ultimate	2.685	1.442	1.223	1.127	1.083	1.051	1.035	1.028	1.020	1.019	1.012	1.008	1.005	1.003	1.002

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

AVIATION PROGRAM
AS OF JUNE 30, 2023

LIMITED PAID LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	239	239	239	239	239	239	239	239	239	239	239	239	239	239	239
7/1/94-6/30/95	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370
7/1/95-6/30/96	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
7/1/96-6/30/97	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
7/1/97-6/30/98	461	461	461	461	461	461	461	461	461	461	461	461	461	461	461
7/1/98-6/30/99	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165
7/1/99-6/30/00	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
7/1/00-6/30/01	795	795	795	795	795	795	795	795	795	795	795	795	795	795	795
7/1/01-6/30/02	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251
7/1/02-6/30/03	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7/1/03-6/30/04	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
7/1/04-6/30/05	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
7/1/05-6/30/06	392	392	392	392	392	392	392	392	392	392	392	392	392	392	392
7/1/06-6/30/07	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
7/1/07-6/30/08	486	486	486	486	486	486	486	486	486	486	486	486	486	486	486
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000	
7/1/94-6/30/95	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/95-6/30/96	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.007	1.000		
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000				
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000						
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.997	1.000						
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
7/1/01-6/30/02	1.000	1.000	1.000	1.000	1.000	1.000									
7/1/02-6/30/03	1.000	1.000	1.000	1.004	1.000										
7/1/03-6/30/04	1.000	1.000	0.983	1.000											
7/1/04-6/30/05	1.000	0.996	1.000												
7/1/05-6/30/06	1.001	1.000													
7/1/06-6/30/07	1.000														
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
Avg All	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.002	1.000	0.999	1.000	
Avg Latest 3	1.000	0.999	0.994	1.001	1.000	1.000	0.999	0.999	1.000	1.000	1.002	1.000	0.999	1.000	
\$ Avg All	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.001	1.000	0.999	1.000	
\$ Avg Latest 3	1.001	0.999	0.999	1.001	1.000	1.000	1.000	1.000	1.001	1.000	1.001	1.000	0.999	1.000	
Industry	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Selected	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

AVIATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE UNREPORTED METHOD

Fiscal Year	Expected Losses and ALAE (a)	Expected Percentage Unreported (b)	Expected Unreported Losses and ALAE [(2) × (3)]	Reported Losses and ALAE as of 6/30/23 (c)	Projected Ultimate Losses and ALAE [(4) + (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 172,827	0.000	\$ -	\$ 100,439	\$ 100,439
7/1/03-6/30/04	155,965	0.000	-	14,741	14,741
7/1/04-6/30/05	172,933	0.000	-	95,620	95,620
7/1/05-6/30/06	181,590	0.000	-	392,318	392,318
7/1/06-6/30/07	195,304	0.000	-	25,800	25,800
7/1/07-6/30/08	208,666	0.000	-	485,895	485,895
7/1/08-6/30/09	218,092	0.001	218	864,415	864,633
7/1/09-6/30/10	234,812	0.001	235	37,228	37,463
7/1/10-6/30/11	251,606	0.002	503	394,659	395,162
7/1/11-6/30/12	267,880	0.003	804	412,234	413,038
7/1/12-6/30/13	282,585	0.005	1,413	323,636	325,049
7/1/13-6/30/14	293,701	0.008	2,350	12,409	14,759
7/1/14-6/30/15	310,438	0.002	621	544,083	544,704
7/1/15-6/30/16	331,886	0.005	1,659	1,641	3,300
7/1/16-6/30/17	347,863	0.008	2,783	594,683	597,466
7/1/17-6/30/18	352,225	0.013	4,579	10,562	15,141
7/1/18-6/30/19	372,542	0.019	7,078	-	7,078
7/1/19-6/30/20	384,355	0.029	11,146	675,000	686,146
7/1/20-6/30/21	415,000	0.053	21,995	-	21,995
7/1/21-6/30/22	431,542	0.116	50,059	181,554	231,613
7/1/22-6/30/23	458,882	0.312	143,171	260,500	403,671
Total	\$ 6,040,694		\$ 248,614	\$ 5,427,417	\$ 5,676,031

- Notes: (a) See Exhibit 7.
(b) Based on reporting pattern shown on Exhibit 4, Sheet 1.
(c) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

AVIATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE UNPAID METHOD

Fiscal Year	Expected Losses and ALAE (a)	Expected Percentage Unpaid (b)	Expected Unpaid Losses and ALAE [(2) × (3)]	Paid Losses and ALAE as of 6/30/23 (c)	Projected Ultimate Losses and ALAE [(4) + (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 172,827	0.000	\$ -	\$ 100,439	\$ 100,439
7/1/03-6/30/04	155,965	0.000	-	14,741	14,741
7/1/04-6/30/05	172,933	0.000	-	95,620	95,620
7/1/05-6/30/06	181,590	0.000	-	392,318	392,318
7/1/06-6/30/07	195,304	0.001	195	25,800	25,995
7/1/07-6/30/08	208,666	0.001	209	485,895	486,104
7/1/08-6/30/09	218,092	0.002	436	864,415	864,851
7/1/09-6/30/10	234,812	0.003	704	37,228	37,932
7/1/10-6/30/11	251,606	0.005	1,258	394,659	395,917
7/1/11-6/30/12	267,880	0.008	2,143	412,234	414,377
7/1/12-6/30/13	282,585	0.012	3,391	323,636	327,027
7/1/13-6/30/14	293,701	0.019	5,580	12,409	17,989
7/1/14-6/30/15	310,438	0.020	6,209	544,083	550,292
7/1/15-6/30/16	331,886	0.027	8,961	1,641	10,602
7/1/16-6/30/17	347,863	0.034	11,827	522,915	534,742
7/1/17-6/30/18	352,225	0.049	17,259	10,562	27,821
7/1/18-6/30/19	372,542	0.077	28,686	-	28,686
7/1/19-6/30/20	384,355	0.113	43,432	466,057	509,489
7/1/20-6/30/21	415,000	0.182	75,530	-	75,530
7/1/21-6/30/22	431,542	0.307	132,483	171,554	304,037
7/1/22-6/30/23	458,882	0.628	288,178	250,000	538,178
Total	\$ 6,040,694		\$ 626,481	\$ 5,126,206	\$ 5,752,687

- Notes: (a) See Exhibit 7.
(b) Based on payment pattern shown on Exhibit 4, Sheet 1.
(c) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

AVIATION PROGRAM
AS OF JUNE 30, 2023

DEVELOPMENT OF ULTIMATE LOSSES AND ALAE
EXPECTED LOSS METHOD

Fiscal Year	FTE (a)	Reported Losses and ALAE as of 6/30/2022 (a)	Loss Trend (b)	Curr. Level Reported Losses and ALAE as of 6/30/2022 (c)	Reported Loss Development Factor (d)	Detrended Aggregate Onlevel Loss Cost (f)	Expected Losses and ALAE (g)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
7/1/02-6/30/03	16,960	\$ 100,439	2.655	\$ 266,666	1.000	\$ 10.19	\$ 172,827
7/1/03-6/30/04	14,579	14,741	2.529	37,279	1.000	10.70	155,965
7/1/04-6/30/05	15,398	95,620	2.409	230,349	1.000	11.23	172,933
7/1/05-6/30/06	15,397	392,318	2.294	899,978	1.000	11.79	181,590
7/1/06-6/30/07	15,773	25,800	2.185	56,373	1.000	12.38	195,304
7/1/07-6/30/08	16,050	485,895	2.081	1,011,148	1.000	13.00	208,666
7/1/08-6/30/09	15,977	864,415	1.982	1,713,271	1.001	13.65	218,092
7/1/09-6/30/10	16,386	37,228	1.888	70,286	1.001	14.33	234,812
7/1/10-6/30/11	16,721	394,659	1.798	709,597	1.002	15.05	251,606
7/1/11-6/30/12	16,951	412,234	1.712	705,744	1.003	15.80	267,880
7/1/12-6/30/13	17,025	323,636	1.630	527,526	1.005	16.60	282,585
7/1/13-6/30/14	16,848	12,409	1.552	19,259	1.008	17.43	293,701
7/1/14-6/30/15	16,959	544,083	1.478	804,154	1.002	18.31	310,438
7/1/15-6/30/16	17,272	1,641	1.408	2,310	1.005	19.22	331,886
7/1/16-6/30/17	17,242	594,683	1.341	797,470	1.008	20.18	347,863
7/1/17-6/30/18	16,625	10,562	1.277	13,488	1.013	21.19	352,225
7/1/18-6/30/19	16,744	-	1.216	-	1.019	22.25	372,542
7/1/19-6/30/20	16,451	675,000	1.158	781,650	1.030	23.36	384,355
7/1/20-6/30/21	16,919	-	1.103	-	1.056	24.53	415,000
7/1/21-6/30/22	16,748	181,554	1.050	190,631	1.131	25.77	431,542
7/1/22-6/30/23	16,961	260,500	1.000	260,500	1.453	27.06	458,882
Total	345,986	\$ 5,427,417		\$ 9,097,679			\$ 6,040,694
(9) Selected Loss Annual Trend Rate (b)				1.050			
(10) Aggregate Onlevel Loss Cost (/ FTE) (e)				\$ 27.06			

Notes: (a) Provided by the State. Losses are net of excess insurance.

(b) Based on an assumed annual loss trend of 5.0%.

(c) $[(3) \times (4)]$

(d) See Exhibit 4, Sheet 1.

(e) $\text{Sum}((5)) \div \text{Sumproduct}((2), 1.0 \div (6))$

(f) $[(10) \div (4)]$

(g) $[(2) \times (7)]$

STATE OF ALASKA

AVIATION PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ULTIMATE CLAIMS

Fiscal Year	Reported Claims (a)	Development Factor to Ultimate (b)	Projected Ultimate Claims (c)
(1)	(2)	(3)	(4)
7/1/93-6/30/94	8	1.000	8
7/1/94-6/30/95	8	1.000	8
7/1/95-6/30/96	18	1.000	18
7/1/96-6/30/97	25	1.000	25
7/1/97-6/30/98	28	1.000	28
7/1/98-6/30/99	38	1.000	38
7/1/99-6/30/00	16	1.000	16
7/1/00-6/30/01	26	1.000	26
7/1/01-6/30/02	13	1.000	13
7/1/02-6/30/03	7	1.000	7
7/1/03-6/30/04	9	1.000	9
7/1/04-6/30/05	8	1.000	8
7/1/05-6/30/06	10	1.000	10
7/1/06-6/30/07	3	1.000	3
7/1/07-6/30/08	9	1.000	9
7/1/08-6/30/09	12	1.000	12
7/1/09-6/30/10	5	1.000	5
7/1/10-6/30/11	5	1.000	5
7/1/11-6/30/12	8	1.000	8
7/1/12-6/30/13	6	1.000	6
7/1/13-6/30/14	2	1.000	2
7/1/14-6/30/15	7	1.000	7
7/1/15-6/30/16	1	1.000	1
7/1/16-6/30/17	8	1.000	8
7/1/17-6/30/18	2	1.000	2
7/1/18-6/30/19	2	1.000	2
7/1/19-6/30/20	7	1.000	7
7/1/20-6/30/21	1	1.010	1
7/1/21-6/30/22	5	1.193	6
7/1/22-6/30/23	4	1.496	6
Total	301		304

Notes: (a) Data provided by the State.
(b) See Sheets 2, 3.
(c) [(2) × (3)]

STATE OF ALASKA

AVIATION PROGRAM
AS OF JUNE 30, 2023

REPORTED CLAIM COUNTS

Fiscal Year	Age (in Months)															
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	
7/1/93-6/30/94													8	8	8	8
7/1/94-6/30/95											12	12	12	12	12	12
7/1/95-6/30/96										19	19	19	19	19	19	19
7/1/96-6/30/97									26	26	26	26	26	26	26	26
7/1/97-6/30/98								30	30	30	30	30	30	30	30	30
7/1/98-6/30/99							39	39	39	39	39	39	39	39	39	39
7/1/99-6/30/00						16	16	16	16	16	16	16	16	16	16	16
7/1/00-6/30/01					26	26	26	26	26	26	26	26	26	26	26	26
7/1/01-6/30/02				13	13	13	13	13	13	13	13	13	13	13	13	13
7/1/02-6/30/03			7	7	7	7	7	7	7	7	7	7	7	7	7	7
7/1/03-6/30/04		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
7/1/04-6/30/05	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
7/1/05-6/30/06	7	7	8	8	8	8	9	9	9	10	10	10	10	10	10	10
7/1/06-6/30/07	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7/1/07-6/30/08	6	7	7	8	8	8	8	9	9	9	9	9	9	9	9	9
7/1/08-6/30/09	7	9	11	12	12	12	12	12	12	12	12	12	12	12	12	12
7/1/09-6/30/10	1	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7/1/10-6/30/11	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7/1/11-6/30/12	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8
7/1/12-6/30/13	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7/1/13-6/30/14	-	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7/1/14-6/30/15	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
7/1/15-6/30/16	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1
7/1/16-6/30/17	5	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8
7/1/17-6/30/18	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7/1/18-6/30/19	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7/1/19-6/30/20	2	2	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7/1/20-6/30/21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7/1/21-6/30/22	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7/1/22-6/30/23	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94												1.000	1.000	1.000	1.000
7/1/94-6/30/95											1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96										1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97									1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98								1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99							1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00						1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01					1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03			1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.143	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.000	1.143	1.000	1.000	1.125	1.000	1.000	1.111	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.500	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08	1.167	1.000	1.143	1.000	1.000	1.125	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/08-6/30/09	1.286	1.222	1.091	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/09-6/30/10	4.000	1.250	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/10-6/30/11	1.000	1.250	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/11-6/30/12	1.000	1.143	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/12-6/30/13	0.833	1.200	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/13-6/30/14		2.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/14-6/30/15	1.200	1.000	1.167	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/15-6/30/16				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/16-6/30/17	1.200	1.333	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/17-6/30/18		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/18-6/30/19	2.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/19-6/30/20	1.000	3.500	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/20-6/30/21	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/21-6/30/22	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
Avg All	1.455	1.297	1.024	1.000	1.007	1.007	1.000	1.006	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.500	1.833	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Wght Avg All	1.254	1.181	1.038	1.000	1.007	1.007	1.000	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Wght Avg Latest 3	1.600	2.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry															
Prior Selected	1.213	1.183	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.254	1.181	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.496	1.193	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

AVIATION PROGRAM
AS OF JUNE 30, 2023

REPORTED CLAIM COUNTS

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
7/1/94-6/30/95	12	12	12	12	12	12	12	12	12	12	12	12	12	8	8
7/1/95-6/30/96	19	19	19	19	19	19	19	19	19	19	19	19	18	18	
7/1/96-6/30/97	26	26	26	26	26	26	26	26	26	26	25	25			
7/1/97-6/30/98	30	30	30	30	30	30	30	30	30	28	28				
7/1/98-6/30/99	39	39	39	39	39	39	39	39	38	38					
7/1/99-6/30/00	16	16	16	16	16	16	16	16	16	16					
7/1/00-6/30/01	26	26	26	26	26	26	26	26	26						
7/1/01-6/30/02	13	13	13	13	13	13	13	13							
7/1/02-6/30/03	7	7	7	7	7	7									
7/1/03-6/30/04	9	9	9	9	9										
7/1/04-6/30/05	8	8	8	8											
7/1/05-6/30/06	10	10	10												
7/1/06-6/30/07	3	3													
7/1/07-6/30/08	9														
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/94-6/30/95	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.667	1.000		
7/1/95-6/30/96	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.947	1.000			
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.962	1.000				
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.933	1.000					
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.974	1.000						
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
7/1/01-6/30/02	1.000	1.000	1.000	1.000	1.000	1.000									
7/1/02-6/30/03	1.000	1.000	1.000	1.000	1.000										
7/1/03-6/30/04	1.000	1.000	1.000	1.000											
7/1/04-6/30/05	1.000	1.000	1.000												
7/1/05-6/30/06	1.000	1.000													
7/1/06-6/30/07	1.000														
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
Avg All	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.996	0.989	0.992	0.987	0.889	1.000	1.000	
Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.991	0.978	0.987	0.982	0.889	1.000	1.000	
\$ Avg All	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.993	0.985	0.989	0.984	0.895	1.000	1.000	
\$ Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.988	0.979	0.986	0.982	0.895	1.000	1.000	
Industry															
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

AVIATION PROGRAM AS OF JUNE 30, 2023

CALCULATION OF DISCOUNT FACTORS 3.0% RATE OF RETURN

<u>Period</u>	<u>Payment Made in Period (a)</u>	<u>Remaining Payments at Beginning of Period (b)</u>	<u>Present Value of Remaining Payments (c)</u>	<u>Reserve Discount Factor [(4) ÷ (3)]</u>
(1)	(2)	(3)	(4)	(5)
1	0.372	1.000	0.945	0.9447
2	0.321	0.628	0.596	0.9483
3	0.125	0.307	0.288	0.9368
4	0.069	0.182	0.169	0.9306
5	0.036	0.113	0.104	0.9241
6	0.028	0.077	0.071	0.9223
7	0.015	0.049	0.045	0.9129
8	0.007	0.034	0.031	0.9073
9	0.007	0.027	0.025	0.9137
10	0.001	0.020	0.018	0.9153
11	0.007	0.019	0.018	0.9390
12	0.004	0.012	0.011	0.9393
13	0.003	0.008	0.008	0.9437
14	0.002	0.005	0.005	0.9463
15	0.001	0.003	0.003	0.9479
16	0.001	0.002	0.002	0.9570
17	0.000	0.001	0.001	0.9566
18	0.001	0.001	0.001	0.9853

- Notes: (a) Based on payment pattern shown in Exhibit 4, Sheet 1.
 (b) Upward sum of Column (2).
 (c) Based on a 3.0% rate of return.

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2024

AVIATION

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/23 (b)	Est Paid Losses and ALAE btw 7/1/23 and 6/30/24 (c)	Paid Losses and ALAE as of 6/30/23 (d)	Paid Losses and ALAE as of 6/30/24 (e)	Estimated Unpaid Losses and ALAE as of 6/30/24 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 3,488,648	\$ -	\$ -	\$ 3,488,648	\$ 3,488,648	\$ (0.1700)
7/1/1993 - 6/30/1994	238,622	-	-	238,622	238,622	-
7/1/1994 - 6/30/1995	369,817	-	-	369,817	369,817	-
7/1/1995 - 6/30/1996	61,421	-	-	61,421	61,421	-
7/1/1996 - 6/30/1997	129,936	-	-	129,936	129,936	-
7/1/1997 - 6/30/1998	461,438	-	-	461,438	461,438	-
7/1/1998 - 6/30/1999	164,717	-	-	164,717	164,717	-
7/1/1999 - 6/30/2000	108,668	-	-	108,668	108,668	-
7/1/2000 - 6/30/2001	794,702	-	-	794,702	794,702	-
7/1/2001 - 6/30/2002	251,100	-	-	251,100	251,100	-
7/1/2002 - 6/30/2003	100,439	-	-	100,439	100,439	-
7/1/2003 - 6/30/2004	14,741	-	-	14,741	14,741	-
7/1/2004 - 6/30/2005	95,620	-	-	95,620	95,620	-
7/1/2005 - 6/30/2006	392,318	-	-	392,318	392,318	-
7/1/2006 - 6/30/2007	25,800	-	-	25,800	25,800	-
7/1/2007 - 6/30/2008	485,895	-	-	485,895	485,895	-
7/1/2008 - 6/30/2009	864,415	-	-	864,415	864,415	-
7/1/2009 - 6/30/2010	37,228	-	-	37,228	37,228	-
7/1/2010 - 6/30/2011	394,659	-	-	394,659	394,659	-
7/1/2011 - 6/30/2012	412,234	-	-	412,234	412,234	-
7/1/2012 - 6/30/2013	323,636	-	-	323,636	323,636	-
7/1/2013 - 6/30/2014	12,409	-	-	12,409	12,409	-
7/1/2014 - 6/30/2015	544,083	-	-	544,083	544,083	-
7/1/2015 - 6/30/2016	1,641	-	-	1,641	1,641	-
7/1/2016 - 6/30/2017	660,000	137,086	28,224	522,915	551,138	108,862
7/1/2017 - 6/30/2018	10,562	-	-	10,562	10,562	-
7/1/2018 - 6/30/2019	-	-	-	-	-	-
7/1/2019 - 6/30/2020	700,000	233,943	74,531	466,057	540,588	159,412
7/1/2020 - 6/30/2021	-	-	-	-	-	-
7/1/2021 - 6/30/2022	400,000	228,447	93,016	171,554	264,569	135,431
7/1/2022 - 6/30/2023	475,000	225,000	115,008	250,000	365,008	109,992
7/1/2023 - 6/30/2024	461,554	461,554	171,698	-	171,698	289,856
Total	\$ 12,481,303	\$ 1,286,030	\$ 482,476	\$ 11,195,275	\$ 11,677,750	\$ 803,553

- Notes: (a) See Exhibit 3. FY 2023-2024 from Exhibit 2, Sheet 1.
 (b) See Exhibit 1, Sheet 2 for 2023 and prior.
 (c) See Exhibit 11, Sheet 1, Column (3).
 (d) Provided by the State. Losses are net of excess insurance.
 (e) [(4) + (5)]
 (f) [(2) - (6)]

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2025

AVIATION

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/24 (b)	Est Paid Losses and ALAE btw 7/1/24 and 6/30/25 (c)	Paid Losses and ALAE as of 6/30/24 (d)	Paid Losses and ALAE as of 6/30/25 (e)	Estimated Unpaid Losses and ALAE as of 6/30/25 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 3,488,648	\$ (0)	\$ -	\$ 3,488,648	\$ 3,488,648	\$ (0)
7/1/1993 - 6/30/1994	238,622	-	-	238,622	238,622	-
7/1/1994 - 6/30/1995	369,817	-	-	369,817	369,817	-
7/1/1995 - 6/30/1996	61,421	-	-	61,421	61,421	-
7/1/1996 - 6/30/1997	129,936	-	-	129,936	129,936	-
7/1/1997 - 6/30/1998	461,438	-	-	461,438	461,438	-
7/1/1998 - 6/30/1999	164,717	-	-	164,717	164,717	-
7/1/1999 - 6/30/2000	108,668	-	-	108,668	108,668	-
7/1/2000 - 6/30/2001	794,702	-	-	794,702	794,702	-
7/1/2001 - 6/30/2002	251,100	-	-	251,100	251,100	-
7/1/2002 - 6/30/2003	100,439	-	-	100,439	100,439	-
7/1/2003 - 6/30/2004	14,741	-	-	14,741	14,741	-
7/1/2004 - 6/30/2005	95,620	-	-	95,620	95,620	-
7/1/2005 - 6/30/2006	392,318	-	-	392,318	392,318	-
7/1/2006 - 6/30/2007	25,800	-	-	25,800	25,800	-
7/1/2007 - 6/30/2008	485,895	-	-	485,895	485,895	-
7/1/2008 - 6/30/2009	864,415	-	-	864,415	864,415	-
7/1/2009 - 6/30/2010	37,228	-	-	37,228	37,228	-
7/1/2010 - 6/30/2011	394,659	-	-	394,659	394,659	-
7/1/2011 - 6/30/2012	412,234	-	-	412,234	412,234	-
7/1/2012 - 6/30/2013	323,636	-	-	323,636	323,636	-
7/1/2013 - 6/30/2014	12,409	-	-	12,409	12,409	-
7/1/2014 - 6/30/2015	544,083	-	-	544,083	544,083	-
7/1/2015 - 6/30/2016	1,641	-	-	1,641	1,641	-
7/1/2016 - 6/30/2017	660,000	108,862	28,224	551,138	579,362	80,638
7/1/2017 - 6/30/2018	10,562	-	-	10,562	10,562	-
7/1/2018 - 6/30/2019	-	-	-	-	-	-
7/1/2019 - 6/30/2020	700,000	159,412	57,968	540,588	598,556	101,444
7/1/2020 - 6/30/2021	-	-	-	-	-	-
7/1/2021 - 6/30/2022	400,000	135,431	51,345	264,569	315,914	84,086
7/1/2022 - 6/30/2023	475,000	109,992	44,785	365,008	409,793	65,207
7/1/2023 - 6/30/2024	461,554	289,856	148,159	171,698	319,857	141,697
7/1/2024 - 6/30/2025	496,768	496,768	184,798	-	184,798	311,970
Total	\$ 12,978,071	\$ 1,300,321	\$ 515,278	\$ 11,677,750	\$ 12,193,029	\$ 785,042

Notes: (a) See Exhibit 3. FY 2023-2024 and FY 2024-2025 from Exhibit 2, Sheet 1.

(b) See Exhibit 10, Sheet 1, Column (7).

(c) See Exhibit 11, Sheet 1, Column (4).

(d) See Exhibit 10, Sheet 1, Column (6).

(e) [(4) + (5)]

(f) [(2) - (6)]

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2026

AVIATION

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/25 (b)	Est Paid Losses and ALAE btw 7/1/25 and 6/30/26 (c)	Paid Losses and ALAE as of 6/30/25 (d)	Paid Losses and ALAE as of 6/30/26 (e)	Estimated Unpaid Losses and ALAE as of 6/30/26 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 3,488,648	\$ (0)	\$ -	\$ 3,488,648	\$ 3,488,648	\$ (0)
7/1/1993 - 6/30/1994	238,622	-	-	238,622	238,622	-
7/1/1994 - 6/30/1995	369,817	-	-	369,817	369,817	-
7/1/1995 - 6/30/1996	61,421	-	-	61,421	61,421	-
7/1/1996 - 6/30/1997	129,936	-	-	129,936	129,936	-
7/1/1997 - 6/30/1998	461,438	-	-	461,438	461,438	-
7/1/1998 - 6/30/1999	164,717	-	-	164,717	164,717	-
7/1/1999 - 6/30/2000	108,668	-	-	108,668	108,668	-
7/1/2000 - 6/30/2001	794,702	-	-	794,702	794,702	-
7/1/2001 - 6/30/2002	251,100	-	-	251,100	251,100	-
7/1/2002 - 6/30/2003	100,439	-	-	100,439	100,439	-
7/1/2003 - 6/30/2004	14,741	-	-	14,741	14,741	-
7/1/2004 - 6/30/2005	95,620	-	-	95,620	95,620	-
7/1/2005 - 6/30/2006	392,318	-	-	392,318	392,318	-
7/1/2006 - 6/30/2007	25,800	-	-	25,800	25,800	-
7/1/2007 - 6/30/2008	485,895	-	-	485,895	485,895	-
7/1/2008 - 6/30/2009	864,415	-	-	864,415	864,415	-
7/1/2009 - 6/30/2010	37,228	-	-	37,228	37,228	-
7/1/2010 - 6/30/2011	394,659	-	-	394,659	394,659	-
7/1/2011 - 6/30/2012	412,234	-	-	412,234	412,234	-
7/1/2012 - 6/30/2013	323,636	-	-	323,636	323,636	-
7/1/2013 - 6/30/2014	12,409	-	-	12,409	12,409	-
7/1/2014 - 6/30/2015	544,083	-	-	544,083	544,083	-
7/1/2015 - 6/30/2016	1,641	-	-	1,641	1,641	-
7/1/2016 - 6/30/2017	660,000	80,638	4,032	579,362	583,394	76,606
7/1/2017 - 6/30/2018	10,562	-	-	10,562	10,562	-
7/1/2018 - 6/30/2019	-	-	-	-	-	-
7/1/2019 - 6/30/2020	700,000	101,444	31,054	598,556	629,610	70,390
7/1/2020 - 6/30/2021	-	-	-	-	-	-
7/1/2021 - 6/30/2022	400,000	84,086	26,789	315,914	342,703	57,297
7/1/2022 - 6/30/2023	475,000	65,207	24,721	409,793	434,514	40,486
7/1/2023 - 6/30/2024	461,554	141,697	57,694	319,857	377,551	84,003
7/1/2024 - 6/30/2025	496,768	311,970	159,463	184,798	344,261	152,507
7/1/2025 - 6/30/2026	534,656	534,656	198,892	-	198,892	335,764
Total	\$ 13,512,727	\$ 1,319,698	\$ 502,645	\$ 12,193,029	\$ 12,695,674	\$ 817,053

Notes: (a) See Exhibit 3. FY 2023-2024, FY 2024-2025, and FY 2025-2026 from Exhibit 2, Sheet 1.

(b) See Exhibit 10, Sheet 2, Column (7).

(c) See Exhibit 11, Sheet 1, Column (5).

(d) See Exhibit 10, Sheet 2, Column (6).

(e) [(4) + (5)]

(f) [(2) - (6)]

STATE OF ALASKA

PROJECTED FISCAL CALENDAR YEAR PAYOUTS

AVIATION

Fiscal Year	Estimated Unpaid Losses and ALAE as of 6/30/23 (a)	Fiscal Calendar Year Payments (b)											
		7/1/23 - 6/30/24	7/1/24 - 6/30/25	7/1/25 - 6/30/26	7/1/26 - 6/30/27	7/1/27 - 6/30/28	7/1/28 - 6/30/29	7/1/29 - 6/30/30	7/1/30 - 6/30/31	7/1/31 - 6/30/32	7/1/32 - 6/30/33	7/1/33 - 6/30/34	7/1/34 - 6/30/35
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7/1/1993 - 6/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1994 - 6/30/1995	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1995 - 6/30/1996	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1996 - 6/30/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1997 - 6/30/1998	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1998 - 6/30/1999	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/1999 - 6/30/2000	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2000 - 6/30/2001	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2001 - 6/30/2002	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2002 - 6/30/2003	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2003 - 6/30/2004	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2004 - 6/30/2005	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2005 - 6/30/2006	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2006 - 6/30/2007	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2007 - 6/30/2008	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2008 - 6/30/2009	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2009 - 6/30/2010	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2010 - 6/30/2011	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2011 - 6/30/2012	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2012 - 6/30/2013	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2013 - 6/30/2014	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2014 - 6/30/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2015 - 6/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2016 - 6/30/2017	137,086	28,224	28,224	4,032	28,224	16,128	12,096	8,064	4,032	4,032	-	4,032	-
7/1/2017 - 6/30/2018	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2018 - 6/30/2019	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2019 - 6/30/2020	233,943	74,531	57,968	31,054	14,492	14,492	2,070	14,492	8,281	6,211	4,141	2,070	2,070
7/1/2020 - 6/30/2021	-	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2021 - 6/30/2022	228,447	93,016	51,345	26,789	20,836	11,162	5,209	5,209	744	5,209	2,977	2,232	1,488
7/1/2022 - 6/30/2023	225,000	115,008	44,785	24,721	12,898	10,032	5,374	2,508	2,508	358	2,508	1,433	1,075
7/1/2023 - 6/30/2024	461,554	171,698	148,159	57,694	31,847	16,616	12,924	6,923	3,231	3,231	462	3,231	1,846
7/1/2024 - 6/30/2025	496,768	-	184,798	159,463	62,096	34,277	17,884	13,910	7,452	3,477	3,477	497	3,477
7/1/2025 - 6/30/2026	534,656	-	-	198,892	171,625	66,832	36,891	19,248	14,970	8,020	3,743	3,743	535
Total	\$ 2,317,454	\$ 482,476	\$ 515,278	\$ 502,645	\$ 342,017	\$ 169,538	\$ 92,448	\$ 70,353	\$ 41,218	\$ 30,538	\$ 17,307	\$ 17,238	\$ 10,492

Notes: (a) See Exhibit 1, Sheet 2 through 6/30/2023. See Exhibit 2, Sheet 1 for fiscal years beginning July 1, 2023 through June 30, 2026.
(b) Estimated reserve payout based on selected payment pattern in Exhibit 4, Sheet 1.

STATE OF ALASKA

PROJECTED FISCAL CALENDAR YEAR PAYOUTS

AVIATION

Fiscal Year	Fiscal Calendar Year Payments (b)									
	7/1/35 - 6/30/36	7/1/36 - 6/30/37	7/1/37 - 6/30/38	7/1/38 - 6/30/39	7/1/39 - 6/30/40	7/1/40 - 6/30/41	7/1/41 - 6/30/42	7/1/42 - 6/30/43	7/1/43 - 6/30/44	
(1)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	
Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7/1/1993 - 6/30/1994	-	-	-	-	-	-	-	-	-	-
7/1/1994 - 6/30/1995	-	-	-	-	-	-	-	-	-	-
7/1/1995 - 6/30/1996	-	-	-	-	-	-	-	-	-	-
7/1/1996 - 6/30/1997	-	-	-	-	-	-	-	-	-	-
7/1/1997 - 6/30/1998	-	-	-	-	-	-	-	-	-	-
7/1/1998 - 6/30/1999	-	-	-	-	-	-	-	-	-	-
7/1/1999 - 6/30/2000	-	-	-	-	-	-	-	-	-	-
7/1/2000 - 6/30/2001	-	-	-	-	-	-	-	-	-	-
7/1/2001 - 6/30/2002	-	-	-	-	-	-	-	-	-	-
7/1/2002 - 6/30/2003	-	-	-	-	-	-	-	-	-	-
7/1/2003 - 6/30/2004	-	-	-	-	-	-	-	-	-	-
7/1/2004 - 6/30/2005	-	-	-	-	-	-	-	-	-	-
7/1/2005 - 6/30/2006	-	-	-	-	-	-	-	-	-	-
7/1/2006 - 6/30/2007	-	-	-	-	-	-	-	-	-	-
7/1/2007 - 6/30/2008	-	-	-	-	-	-	-	-	-	-
7/1/2008 - 6/30/2009	-	-	-	-	-	-	-	-	-	-
7/1/2009 - 6/30/2010	-	-	-	-	-	-	-	-	-	-
7/1/2010 - 6/30/2011	-	-	-	-	-	-	-	-	-	-
7/1/2011 - 6/30/2012	-	-	-	-	-	-	-	-	-	-
7/1/2012 - 6/30/2013	-	-	-	-	-	-	-	-	-	-
7/1/2013 - 6/30/2014	-	-	-	-	-	-	-	-	-	-
7/1/2014 - 6/30/2015	-	-	-	-	-	-	-	-	-	-
7/1/2015 - 6/30/2016	-	-	-	-	-	-	-	-	-	-
7/1/2016 - 6/30/2017	-	-	-	-	-	-	-	-	-	-
7/1/2017 - 6/30/2018	-	-	-	-	-	-	-	-	-	-
7/1/2018 - 6/30/2019	-	-	-	-	-	-	-	-	-	-
7/1/2019 - 6/30/2020	-	2,070	-	-	-	-	-	-	-	-
7/1/2020 - 6/30/2021	-	-	-	-	-	-	-	-	-	-
7/1/2021 - 6/30/2022	744	744	-	744	-	-	-	-	-	-
7/1/2022 - 6/30/2023	717	358	358	-	358	-	-	-	-	-
7/1/2023 - 6/30/2024	1,385	923	462	462	-	462	-	-	-	-
7/1/2024 - 6/30/2025	1,987	1,490	994	497	497	-	497	-	-	-
7/1/2025 - 6/30/2026	3,743	2,139	1,604	1,069	535	535	-	535	-	-
Total	\$ 8,575	\$ 7,725	\$ 3,417	\$ 2,772	\$ 1,390	\$ 996	\$ 497	\$ 535	\$ -	\$ -

Notes: (a) See Exhibit 1, Sheet 2 through 6/30/2023. See Exhibit 2, Sheet 1 for fiscal years beginning July 1, 2023 through June 30, 2026.
(b) Estimated reserve payout based on selected payment pattern in Exhibit 4, Sheet 1.

STATE OF ALASKA

SIZE OF LOSS DISTRIBUTION

AVIATION

Fiscal Year	\$0	\$0.01-\$5,000	\$5,000-\$10,000	\$10,000-\$25,000	\$25,000-\$50,000	\$50,000-\$100,000	\$100,000-\$250,000	\$250,000-\$500,000	\$500,000-\$750,000	\$750,000-\$1,000,000	Over \$1,000,000	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Reported Claim Counts *												
Prior	246	214	22	38	23	17	15	8	1	-	1	585
7/1/2010 - 6/30/2011	-	-	-	1	2	-	2	-	-	-	-	5
7/1/2011 - 6/30/2012	2	1	-	1	-	2	2	-	-	-	-	8
7/1/2012 - 6/30/2013	4	-	-	1	-	1	-	1	-	-	-	7
7/1/2013 - 6/30/2014	-	1	-	1	-	-	-	-	-	-	-	2
7/1/2014 - 6/30/2015	2	1	-	1	-	1	1	-	-	-	1	7
7/1/2015 - 6/30/2016	-	1	-	-	-	-	-	-	-	-	-	1
7/1/2016 - 6/30/2017	3	-	1	-	1	-	2	-	1	-	-	8
7/1/2017 - 6/30/2018	1	-	-	1	-	-	-	-	-	-	-	2
7/1/2018 - 6/30/2019	2	-	-	-	-	-	-	-	-	-	-	2
7/1/2019 - 6/30/2020	1	-	-	1	3	-	-	1	-	-	1	7
7/1/2020 - 6/30/2021	1	-	-	-	-	-	-	-	-	-	-	1
7/1/2021 - 6/30/2022	2	-	1	-	1	-	1	-	-	-	-	5
7/1/2022 - 6/30/2023	1	1	1	-	-	-	-	1	-	-	-	4
Total	265	219	25	45	30	21	23	11	2	-	3	644

Reported Losses

Prior	\$ -	\$ 213,954	\$ 162,953	\$ 614,854	\$ 794,045	\$ 1,256,112	\$ 2,543,609	\$ 2,919,442	\$ 622,162	\$ -	\$ 2,986,710	\$ 12,113,840
7/1/2010 - 6/30/2011	-	-	-	13,846	65,171	-	315,642	-	-	-	-	394,659
7/1/2011 - 6/30/2012	-	663	-	14,486	-	151,903	245,182	-	-	-	-	412,234
7/1/2012 - 6/30/2013	-	-	-	17,295	-	56,341	-	253,861	-	-	-	327,497
7/1/2013 - 6/30/2014	-	1,389	-	11,020	-	-	-	-	-	-	-	12,409
7/1/2014 - 6/30/2015	-	281	-	13,802	-	100,000	180,000	-	-	-	1,216,990	1,511,073
7/1/2015 - 6/30/2016	-	1,641	-	-	-	-	-	-	-	-	-	1,641
7/1/2016 - 6/30/2017	-	-	5,584	-	27,787	-	311,312	-	657,496	-	-	1,002,179
7/1/2017 - 6/30/2018	-	-	-	10,562	-	-	-	-	-	-	-	10,562
7/1/2018 - 6/30/2019	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2019 - 6/30/2020	-	-	-	25,000	150,000	-	-	306,883	-	-	1,265,749	1,747,632
7/1/2020 - 6/30/2021	-	-	-	-	-	-	-	-	-	-	-	-
7/1/2021 - 6/30/2022	-	-	10,000	-	46,554	-	125,000	-	-	-	-	181,554
7/1/2022 - 6/30/2023	-	500	10,000	-	-	-	-	347,307	-	-	-	357,807
Total	\$ -	\$ 218,428	\$ 188,538	\$ 720,865	\$ 1,083,556	\$ 1,564,355	\$ 3,720,745	\$ 3,827,493	\$ 1,279,658	\$ -	\$ 5,469,449	\$ 18,073,087

* Reported claim counts are total number of claimants for all occurrences and may not match Exhibit 8.

Based on data provided by the State.

STATE OF ALASKA

SELF-INSURED RETENTIONS BY FISCAL YEAR

AVIATION

Fiscal Year	Airport Liability	Aircraft Liability	Non-Owned A/C Hull
(1)	(2)	(3)	(4)
7/1/1980 - 6/30/1981 through 7/1/1985 - 6/30/1986	\$ 250,000	\$ 100,000	\$ 100,000
7/1/1986 - 6/30/1987	250,000	250,000	10,000
7/1/1987 - 6/30/1988 through 7/1/1988 - 6/30/1989	1,000,000	1,000,000	10,000
7/1/1989 - 6/30/1990	500,000	500,000	10,000
7/1/1990 - 6/30/1991 through Current	250,000	250,000	10,000

Retentions provided by the State.

STATE OF ALASKA

PROPERTY PROGRAM
AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE
AS OF JUNE 30, 2023

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9853	-
7/1/10-6/30/11	-	0.9853	-
7/1/11-6/30/12	-	0.9853	-
7/1/12-6/30/13	-	0.9853	-
7/1/13-6/30/14	-	0.9853	-
7/1/14-6/30/15	-	0.9853	-
7/1/15-6/30/16	-	0.9853	-
7/1/16-6/30/17	-	0.9853	-
7/1/17-6/30/18	-	0.9853	-
7/1/18-6/30/19	-	0.9853	-
7/1/19-6/30/20	-	0.9853	-
7/1/20-6/30/21	828,979	0.9805	812,814
7/1/21-6/30/22	1,612,944	0.9737	1,570,524
7/1/22-6/30/23	2,203,190	0.9783	2,155,381
Total	\$ 4,645,113		\$ 4,538,719

Notes: (a) See Sheet 2.
(b) See Exhibit 9.

STATE OF ALASKA

PROPERTY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2024

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)] (4)
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9853	-
7/1/10-6/30/11	-	0.9853	-
7/1/11-6/30/12	-	0.9853	-
7/1/12-6/30/13	-	0.9853	-
7/1/13-6/30/14	-	0.9853	-
7/1/14-6/30/15	-	0.9853	-
7/1/15-6/30/16	-	0.9853	-
7/1/16-6/30/17	-	0.9853	-
7/1/17-6/30/18	-	0.9853	-
7/1/18-6/30/19	-	0.9853	-
7/1/19-6/30/20	-	0.9853	-
7/1/20-6/30/21	138,163	0.9853	136,132
7/1/21-6/30/22	564,530	0.9805	553,522
7/1/22-6/30/23	387,090	0.9737	376,910
7/1/23-6/30/24	1,622,367	0.9783	1,587,162
Total	\$ 2,712,150		\$ 2,653,726

Notes: (a) See Exhibit 10, Sheet 1.
(b) See Exhibit 9.

STATE OF ALASKA

PROPERTY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2025

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9853	-
7/1/10-6/30/11	-	0.9853	-
7/1/11-6/30/12	-	0.9853	-
7/1/12-6/30/13	-	0.9853	-
7/1/13-6/30/14	-	0.9853	-
7/1/14-6/30/15	-	0.9853	-
7/1/15-6/30/16	-	0.9853	-
7/1/16-6/30/17	-	0.9853	-
7/1/17-6/30/18	-	0.9853	-
7/1/18-6/30/19	-	0.9853	-
7/1/19-6/30/20	-	0.9853	-
7/1/20-6/30/21	-	0.9853	-
7/1/21-6/30/22	94,088	0.9853	92,705
7/1/22-6/30/23	135,481	0.9805	132,839
7/1/23-6/30/24	285,043	0.9737	277,546
7/1/24-6/30/25	1,756,384	0.9783	1,718,270
Total	\$ 2,270,996		\$ 2,221,360

Notes: (a) See Exhibit 10, Sheet 2.
(b) See Exhibit 9.

STATE OF ALASKA

PROPERTY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF DISCOUNTED RESERVES FOR LOSSES AND ALAE AS OF JUNE 30, 2026

Fiscal Year	Undiscounted Reserves for Losses and ALAE (a)	3.0% ROR Reserve Discount Factor (b)	3.0% ROR Discounted Reserves for Losses and ALAE [(2) × (3)]
(1)	(2)	(3)	(4)
Prior	\$ -	0.9853	\$ -
7/1/93-6/30/94	-	0.9853	-
7/1/94-6/30/95	-	0.9853	-
7/1/95-6/30/96	-	0.9853	-
7/1/96-6/30/97	-	0.9853	-
7/1/97-6/30/98	-	0.9853	-
7/1/98-6/30/99	-	0.9853	-
7/1/99-6/30/00	-	0.9853	-
7/1/00-6/30/01	-	0.9853	-
7/1/01-6/30/02	-	0.9853	-
7/1/02-6/30/03	-	0.9853	-
7/1/03-6/30/04	-	0.9853	-
7/1/04-6/30/05	-	0.9853	-
7/1/05-6/30/06	-	0.9853	-
7/1/06-6/30/07	-	0.9853	-
7/1/07-6/30/08	-	0.9853	-
7/1/08-6/30/09	-	0.9853	-
7/1/09-6/30/10	-	0.9853	-
7/1/10-6/30/11	-	0.9853	-
7/1/11-6/30/12	-	0.9853	-
7/1/12-6/30/13	-	0.9853	-
7/1/13-6/30/14	-	0.9853	-
7/1/14-6/30/15	-	0.9853	-
7/1/15-6/30/16	-	0.9853	-
7/1/16-6/30/17	-	0.9853	-
7/1/17-6/30/18	-	0.9853	-
7/1/18-6/30/19	-	0.9853	-
7/1/19-6/30/20	-	0.9853	-
7/1/20-6/30/21	-	0.9853	-
7/1/21-6/30/22	-	0.9853	-
7/1/22-6/30/23	22,580	0.9853	22,248
7/1/23-6/30/24	99,765	0.9805	97,820
7/1/24-6/30/25	308,588	0.9737	300,472
7/1/25-6/30/26	1,901,443	0.9783	1,860,182
Total	\$ 2,332,376		\$ 2,280,722

Notes: (a) See Exhibit 10, Sheet 3.
(b) See Exhibit 9.

STATE OF ALASKA

PROPERTY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF LIMITED UNDISCOUNTED RESERVES FOR LOSSES AND ALAE

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Reported Losses and ALAE (b)	Paid Losses and ALAE (b)	Case Reserves for Losses and ALAE [(3) - (4)]	IBNR Reserves for Losses and ALAE [(2) - (3)]	Total Reserves for Losses and ALAE [(5) + (6)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 5,920,072	\$ 5,920,072	\$ 5,920,072	\$ -	\$ -	\$ -
7/1/93-6/30/94	64,890	64,890	64,890	-	-	-
7/1/94-6/30/95	853,235	853,235	853,235	-	-	-
7/1/95-6/30/96	75,602	75,602	75,602	-	-	-
7/1/96-6/30/97	823,102	823,102	823,102	-	-	-
7/1/97-6/30/98	1,104,294	1,104,294	1,104,294	-	-	-
7/1/98-6/30/99	122,435	122,435	122,435	-	-	-
7/1/99-6/30/00	388,154	388,154	388,154	-	-	-
7/1/00-6/30/01	582,635	582,635	582,635	-	-	-
7/1/01-6/30/02	183,460	183,460	183,460	-	-	-
7/1/02-6/30/03	228,664	228,664	228,664	-	-	-
7/1/03-6/30/04	229,327	229,327	229,327	-	-	-
7/1/04-6/30/05	1,576,822	1,576,822	1,576,822	-	-	-
7/1/05-6/30/06	88,684	88,684	88,684	-	-	-
7/1/06-6/30/07	1,300,468	1,300,468	1,300,468	-	-	-
7/1/07-6/30/08	1,090,484	1,090,484	1,090,484	-	-	-
7/1/08-6/30/09	438,156	438,156	438,156	-	-	-
7/1/09-6/30/10	228,790	228,790	228,790	-	-	-
7/1/10-6/30/11	366,767	366,767	366,767	-	-	-
7/1/11-6/30/12	79,332	79,332	79,332	-	-	-
7/1/12-6/30/13	391,592	391,592	391,592	-	-	-
7/1/13-6/30/14	1,286,380	1,286,380	1,286,380	-	-	-
7/1/14-6/30/15	2,209,336	2,209,336	2,209,336	-	-	-
7/1/15-6/30/16	24,436	24,436	24,436	-	-	-
7/1/16-6/30/17	28,888	28,888	28,888	-	-	-
7/1/17-6/30/18	307,975	307,975	307,975	-	-	-
7/1/18-6/30/19	1,660,817	1,660,817	1,660,817	-	-	-
7/1/19-6/30/20	1,311,068	1,311,068	1,311,068	-	-	-
7/1/20-6/30/21	850,000	771,022	21,022	750,000	78,979	828,979
7/1/21-6/30/22	2,300,000	2,201,640	687,057	1,514,584	98,360	1,612,944
7/1/22-6/30/23	2,350,000	2,080,766	146,810	1,933,956	269,234	2,203,190
Total	\$ 28,465,864	\$ 28,019,293	\$ 23,820,753	\$ 4,198,540	\$ 446,573	\$ 4,645,113

Notes: (a) See Exhibit 3.
(b) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

PROPERTY PROGRAM AS OF JUNE 30, 2023

RECONCILIATION OF RESERVE BALANCE

(1) Reserve Balance (Undiscounted) as of June 30, 2022 (a)	\$ 2,607,909
(2) Reserve as of June 30, 2023 for accidents that occurred between July 1, 2022 and June 30, 2023 (b)	2,203,190
(3) Change in Case Reserves on accidents that occurred prior to July 1, 2022 (c)	(96,543)
(4) Change in IBNR (d)	(69,445)
(5) Reserve Balance (Undiscounted) as of June 30, 2023 [(1) + (2) + (3) + (4)]	\$ 4,645,112
(6) Payments between July 1, 2022 and June 30, 2023 on accidents that occurred prior to July 1, 2022 (c)	\$ 517,872
(7) Change in Actuarial Estimates [(3) + (4) + (6)]	\$ 351,885

- Notes: (a) See June 30, 2022 actuarial report.
 (b) See Sheet 2 for period 7/1/22-6/30/23.
 (c) Based on data provided by the State.
 (d) Balancing item. Reflects changes in IBNR for accidents prior to 7/1/22.

STATE OF ALASKA

PROPERTY PROGRAM

DEVELOPMENT OF FUTURE FUNDING AMOUNTS AS OF JUNE 30, 2023

AT UNLIMITED RETENTION

Self Funded Period	Selected Loss Cost at 7/1/23 Level (a)	Trend Factor (b)	Adjusted Loss Cost [(2) × (3)]	Property Value (\$000,000) (c)	Expected Limited Funding Amount [(4) × (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/23-6/30/24	\$ 300.00	1.041	\$ 312.30	\$ 7,606	\$ 2,375,354
7/1/24-6/30/25	300.00	1.084	325.10	7,910	2,571,573
7/1/25-6/30/26	300.00	1.128	338.43	8,226	2,783,958

Notes: (a) See Sheet 2.

(b) Based on an assumed annual trend of 4.1%.

(c) Assumed trend of 4.0% per annum subsequent to FY 2022-2023.

STATE OF ALASKA

PROPERTY PROGRAM

AS OF JUNE 30, 2023

DEVELOPMENT OF PROJECTED LOSS RATES

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Property Value (\$000,000) (b)	Factor to Adjust to Current Level		Indicated Loss Rate (e)
			Trend (c)	Retention (d)	
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 228,664	\$ 3,319	2.231	1.326	\$ 203.80
7/1/03-6/30/04	229,327	3,518	2.143	1.326	185.22
7/1/04-6/30/05	1,576,822	4,059	2.059	1.326	1,060.56
7/1/05-6/30/06	88,684	4,177	1.978	1.326	55.68
7/1/06-6/30/07	1,300,468	4,245	1.900	1.326	771.78
7/1/07-6/30/08	1,090,484	4,372	1.825	1.326	603.56
7/1/08-6/30/09	438,156	4,503	1.753	1.326	226.16
7/1/09-6/30/10	228,790	4,638	1.684	1.326	110.14
7/1/10-6/30/11	366,767	4,713	1.618	1.326	166.95
7/1/11-6/30/12	79,332	4,695	1.554	1.326	34.82
7/1/12-6/30/13	391,592	5,132	1.493	1.326	151.05
7/1/13-6/30/14	1,286,380	5,849	1.434	1.326	418.17
7/1/14-6/30/15	2,209,336	6,090	1.378	1.326	662.84
7/1/15-6/30/16	24,436	7,507	1.324	1.326	5.71
7/1/16-6/30/17	28,888	7,436	1.272	1.326	6.55
7/1/17-6/30/18	307,975	7,241	1.222	1.326	68.91
7/1/18-6/30/19	1,660,817	7,298	1.174	1.326	354.24
7/1/19-6/30/20	1,311,068	7,701	1.128	1.326	254.63
7/1/20-6/30/21	850,000	7,285	1.084	1.000	126.48
7/1/21-6/30/22	2,300,000	7,260	1.041	1.326	437.28
7/1/22-6/30/23	2,350,000	7,313	1.000	1.000	321.33
Total/Wght Avg	\$ 18,347,985	\$ 118,351			\$ 279.68
(7) Straight average all					\$ 296.47
(8) Straight average last 8					224.20
(9) Straight average last 3					295.03
(10) Exposure weighted-average all					279.68
(11) Exposure weighted-average last 5					298.24
(12) Exposure weighted-average last 3					294.90
(13) Selected Current Level Loss Cost					\$ 300.00

- Notes: (a) See Exhibit 3.
(b) Provided by the State.
(c) Based on an assumed trend of 4.1% per annum.
(d) See Exhibit 7, Sheet 1.
(e) [(2) × (4) × (5) ÷ (3)]

STATE OF ALASKA

PROPERTY PROGRAM
AS OF JUNE 30, 2023

SELECTED LIMITED ULTIMATE LOSSES AND ALAE

Fiscal Year	Projected Ultimate Losses and ALAE based on data through June 30, 2023					Paid Losses and ALAE (e)	Reported Losses and ALAE (e)	Prior Selected (f)	Selected (g)
	Reported Method (a)	Paid Method (a)	Unreported Method (b)	Unpaid Method (c)	Expected Method (d)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Prior						\$ 5,920,072	\$ 5,920,072	\$ 5,920,072	\$ 5,920,072 (g)
7/1/93-6/30/94	\$ 64,890	\$ 64,890				64,890	64,890	64,890	64,890
7/1/94-6/30/95	853,235	853,235				853,235	853,235	853,235	853,235
7/1/95-6/30/96	75,602	75,602				75,602	75,602	75,602	75,602
7/1/96-6/30/97	823,102	823,102				823,102	823,102	823,102	823,102
7/1/97-6/30/98	1,104,294	1,104,294				1,104,294	1,104,294	1,104,294	1,104,294
7/1/98-6/30/99	122,435	122,435				122,435	122,435	122,435	122,435
7/1/99-6/30/00	388,154	388,154				388,154	388,154	388,154	388,154
7/1/00-6/30/01	582,635	582,635				582,635	582,635	582,635	582,635
7/1/01-6/30/02	183,460	183,460				183,460	183,460	183,460	183,460
7/1/02-6/30/03	228,664	228,664	\$ 228,664	\$ 228,664	\$ 479,850	228,664	228,664	228,664	228,664
7/1/03-6/30/04	229,327	229,327			509,224	229,327	229,327	229,327	229,327
7/1/04-6/30/05	1,576,822	1,576,822	1,576,822	1,576,822	588,016	1,576,822	1,576,822	1,576,822	1,576,822
7/1/05-6/30/06	88,684	88,684	88,684	88,684	605,664	88,684	88,684	88,684	88,684
7/1/06-6/30/07	1,300,468	1,300,468	1,300,468	1,300,468	616,147	1,300,468	1,300,468	1,300,468	1,300,468
7/1/07-6/30/08	1,090,484	1,090,484	1,090,484	1,090,484	635,290	1,090,484	1,090,484	1,090,484	1,090,484
7/1/08-6/30/09	438,156	438,156	438,156	438,156	655,131	438,156	438,156	438,156	438,156
7/1/09-6/30/10	228,790	228,790	228,790	228,790	675,279	228,790	228,790	228,790	228,790
7/1/10-6/30/11	366,767	366,767	366,767	366,767	686,770	366,767	366,767	366,767	366,767
7/1/11-6/30/12	79,332	79,332	79,332	79,332	684,772	79,332	79,332	79,332	79,332
7/1/12-6/30/13	391,592	391,592	391,592	391,592	749,262	391,592	391,592	391,592	391,592
7/1/13-6/30/14	1,286,380	1,286,380	1,286,380	1,286,380	854,882	1,286,380	1,286,380	1,286,380	1,286,380
7/1/14-6/30/15	2,209,336	2,209,336	2,209,336	2,209,336	890,528	2,209,336	2,209,336	2,209,336	2,209,336
7/1/15-6/30/16	24,436	24,436	24,436	24,436	1,098,305	24,436	24,436	24,436	24,436
7/1/16-6/30/17	28,888	28,888	28,888	28,888	1,088,541	28,888	28,888	28,888	28,888
7/1/17-6/30/18	307,975	307,975	307,975	307,975	1,060,661	307,975	307,975	307,975	307,975
7/1/18-6/30/19	1,660,817	1,660,817	1,660,817	1,660,817	1,069,745	1,660,817	1,660,817	1,750,000	1,660,817
7/1/19-6/30/20	1,311,068	1,320,246	1,311,068	1,318,976	1,129,664	1,311,068	1,311,068	1,370,000	1,311,068
7/1/20-6/30/21	848,124	21,946	900,068	80,582	1,418,085	21,022	771,022	300,000	850,000
7/1/21-6/30/22	2,302,916	781,183	2,248,579	815,072	1,066,788	687,057	2,201,640	2,350,000	2,300,000
7/1/22-6/30/23	2,542,696	462,452	2,340,338	1,120,917	1,426,218	146,810	2,080,766	1,434,536	2,350,000
Total						\$ 23,820,753	\$ 28,019,293	\$ 27,198,515	\$ 28,465,864
Subtotal 93-23	\$ 22,739,529	\$ 18,320,552				\$ 17,900,681	\$ 22,099,221	\$ 21,278,443	\$ 22,545,792
Subtotal 02-23	\$ 18,541,722	\$ 14,122,745	\$ 18,336,970	\$ 14,872,463	\$ 17,988,822	\$ 13,702,873	\$ 17,901,413	\$ 17,080,636	\$ 18,347,985

- Notes: (a) See Exhibit 4, Sheet 1.
(b) See Exhibit 5.
(c) See Exhibit 6.
(d) See Exhibit 7.
(e) Provided by the State. Losses are net of excess insurance.
(f) From June 30, 2022 actuarial report.
(g) Based on judgment.

STATE OF ALASKA

PROPERTY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE REPORTED / PAID DEVELOPMENT METHODS

Fiscal Year	Reported Losses and ALAE (a)	Development Factor to Ultimate (b)	Projected Ultimate Losses and ALAE [(2) × (3)]	Paid Losses and ALAE (a)	Development Factor to Ultimate (c)	Projected Ultimate Losses and ALAE [(5) × (6)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)
7/1/93-6/30/94	\$ 64,890	1.000	\$ 64,890	\$ 64,890	1.000	\$ 64,890
7/1/94-6/30/95	853,235	1.000	853,235	853,235	1.000	853,235
7/1/95-6/30/96	75,602	1.000	75,602	75,602	1.000	75,602
7/1/96-6/30/97	823,102	1.000	823,102	823,102	1.000	823,102
7/1/97-6/30/98	1,104,294	1.000	1,104,294	1,104,294	1.000	1,104,294
7/1/98-6/30/99	122,435	1.000	122,435	122,435	1.000	122,435
7/1/99-6/30/00	388,154	1.000	388,154	388,154	1.000	388,154
7/1/00-6/30/01	582,635	1.000	582,635	582,635	1.000	582,635
7/1/01-6/30/02	183,460	1.000	183,460	183,460	1.000	183,460
7/1/02-6/30/03	228,664	1.000	228,664	228,664	1.000	228,664
7/1/03-6/30/04	229,327	1.000	229,327	229,327	1.000	229,327
7/1/04-6/30/05	1,576,822	1.000	1,576,822	1,576,822	1.000	1,576,822
7/1/05-6/30/06	88,684	1.000	88,684	88,684	1.000	88,684
7/1/06-6/30/07	1,300,468	1.000	1,300,468	1,300,468	1.000	1,300,468
7/1/07-6/30/08	1,090,484	1.000	1,090,484	1,090,484	1.000	1,090,484
7/1/08-6/30/09	438,156	1.000	438,156	438,156	1.000	438,156
7/1/09-6/30/10	228,790	1.000	228,790	228,790	1.000	228,790
7/1/10-6/30/11	366,767	1.000	366,767	366,767	1.000	366,767
7/1/11-6/30/12	79,332	1.000	79,332	79,332	1.000	79,332
7/1/12-6/30/13	391,592	1.000	391,592	391,592	1.000	391,592
7/1/13-6/30/14	1,286,380	1.000	1,286,380	1,286,380	1.000	1,286,380
7/1/14-6/30/15	2,209,336	1.000	2,209,336	2,209,336	1.000	2,209,336
7/1/15-6/30/16	24,436	1.000	24,436	24,436	1.000	24,436
7/1/16-6/30/17	28,888	1.000	28,888	28,888	1.000	28,888
7/1/17-6/30/18	307,975	1.000	307,975	307,975	1.000	307,975
7/1/18-6/30/19	1,660,817	1.000	1,660,817	1,660,817	1.000	1,660,817
7/1/19-6/30/20	1,311,068	1.000	1,311,068	1,311,068	1.007	1,320,246
7/1/20-6/30/21	771,022	1.100	848,124	21,022	1.044	21,946
7/1/21-6/30/22	2,201,640	1.046	2,302,916	687,057	1.137	781,183
7/1/22-6/30/23	2,080,766	1.222	2,542,696	146,810	3.150	462,452
Total	\$ 22,099,221		\$ 22,739,529	\$ 17,900,681		\$ 18,320,552

Notes: (a) Provided by the State. Losses are net of excess insurance.
(b) See Sheets 2 and 3.
(c) See Sheets 4 and 5.

STATE OF ALASKA

PROPERTY PROGRAM
AS OF JUNE 30, 2023

LIMITED REPORTED LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94												65	65	65	65
7/1/94-6/30/95											853	853	853	853	853
7/1/95-6/30/96										77	77	77	76	77	77
7/1/96-6/30/97									823	823	823	823	823	823	823
7/1/97-6/30/98								1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104
7/1/98-6/30/99						388	388	388	388	388	388	388	388	388	388
7/1/99-6/30/00					599	599	587	587	587	587	583	583	583	583	583
7/1/00-6/30/01				186	186	186	186	186	183	183	183	183	183	183	183
7/1/01-6/30/02			229	229	229	229	229	229	229	229	229	229	229	229	229
7/1/02-6/30/03		232	242	229	229	229	229	229	229	229	229	229	229	229	229
7/1/03-6/30/04		2,909	2,269	202	1,582	1,692	1,692	1,692	1,577	1,577	1,577	1,577	1,577	1,577	1,577
7/1/04-6/30/05	2,909	2,269	202	1,582	1,692	1,692	1,692	1,577	1,577	1,577	1,577	1,577	1,577	1,577	1,577
7/1/05-6/30/06	264	176	91	90	90	90	89	89	89	89	89	89	89	89	89
7/1/06-6/30/07	1,510	1,310	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
7/1/07-6/30/08	827	827	1,065	1,085	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090
7/1/08-6/30/09	127	865	865	438	438	438	438	438	438	438	438	438	438	438	438
7/1/09-6/30/10	229	230	230	230	230	229	229	229	229	229	229	229	229	229	229
7/1/10-6/30/11	418	409	413	367	367	367	367	367	367	367	367	367	367	367	367
7/1/11-6/30/12	142	128	132	136	136	132	132	132	132	132	79	79			
7/1/12-6/30/13	235	469	409	409	409	409	409	409	409	409	392	392			
7/1/13-6/30/14	2,438	1,289	1,286	1,286	1,286	1,286	1,286	1,286	1,286	1,286					
7/1/14-6/30/15	2,238	2,231	2,209	2,209	2,209	2,209	2,209	2,209	2,209	2,209					
7/1/15-6/30/16	190	76	24	24	24	24	24	24							
7/1/16-6/30/17	106	34	29	29	29	29	29								
7/1/17-6/30/18	987	356	312	312	308	308									
7/1/18-6/30/19	2,747	2,632	1,318	1,707	1,661										
7/1/19-6/30/20	1,114	1,320	1,316	1,311											
7/1/20-6/30/21	1,013	281	771												
7/1/21-6/30/22	2,219	2,202													
7/1/22-6/30/23	2,081														

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94												1.000	1.000	1.000	1.000
7/1/94-6/30/95											1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96										1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97									1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98								1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99							0.884	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00					1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01					1.000	0.980	1.000	1.000	1.000	0.993	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02				1.000	1.000	1.000	1.000	0.984	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03			1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04		1.043	0.946	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	0.780	0.089	7.832	1.070	1.000	1.000	0.932	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	0.667	0.517	0.989	1.000	1.000	0.989	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	0.868	0.992	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08	1.000	1.288	1.019	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/08-6/30/09	6.811	1.000	0.506	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/09-6/30/10	1.004	1.000	1.000	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000
7/1/10-6/30/11	0.978	1.010	0.889	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000			
7/1/11-6/30/12	0.901	1.031	1.030	1.000	0.971	1.000	1.000	1.000	1.000	1.000	0.601	1.000			
7/1/12-6/30/13	1.996	0.872	1.000	1.000	1.000	1.000	1.000	1.000	0.957	1.000					
7/1/13-6/30/14	0.529	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
7/1/14-6/30/15	0.997	0.990	1.000	1.000	1.000	1.000	1.000	1.000							
7/1/15-6/30/16	0.400	0.316	1.000	1.000	1.000	1.018	1.000								
7/1/16-6/30/17	0.321	0.853	1.000	1.000	0.996	1.000									
7/1/17-6/30/18	0.361	0.876	1.000	0.987	1.000										
7/1/18-6/30/19	0.958	0.501	1.295	0.973											
7/1/19-6/30/20	1.185	0.997	0.996												
7/1/20-6/30/21	0.277	2.744													
7/1/21-6/30/22	0.992														

Avg All	1.168	0.951	1.361	1.002	0.998	0.999	0.990	0.999	0.998	0.977	1.000	0.999	1.001	1.000	1.000
Avg Latest 3	0.818	1.414	1.097	0.987	0.999	1.006	1.000	1.000	0.986	0.867	1.000	1.000	1.000	1.000	1.000
\$ Avg All	0.868	0.807	1.111	1.005	1.000	0.999	0.988	1.000	0.998	0.994	1.000	1.000	1.000	1.000	1.000
\$ Avg Latest 3	0.875	0.804	1.130	0.975	1.000	1.000	1.000	1.000	0.990	0.941	1.000	1.000	1.000	1.000	1.000
Industry															
Prior Selected	1.178	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.168	0.951	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.222	1.046	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

PROPERTY PROGRAM
AS OF JUNE 30, 2023

LIMITED REPORTED LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
7/1/94-6/30/95	853	853	853	853	853	853	853	853	853	853	853	853	853	853	853
7/1/95-6/30/96	77	76	76	76	76	76	76	52	52	52	52	52	76	76	
7/1/96-6/30/97	823	823	823	823	823	823	823	823	823	823	823	823	823		
7/1/97-6/30/98	1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104				
7/1/98-6/30/99	122	122	122	122	122	122	122	122	122	122	122				
7/1/99-6/30/00	388	388	388	388	388	388	388	388	388	388					
7/1/00-6/30/01	583	583	583	583	583	583	583	583	583						
7/1/01-6/30/02	183	183	183	183	183	183	183	183							
7/1/02-6/30/03	229	229	229	229	229	229									
7/1/03-6/30/04	229	229	229	229	229										
7/1/04-6/30/05	1,577	1,577	1,577	1,577											
7/1/05-6/30/06	89	89	89												
7/1/06-6/30/07	1,300	1,300													
7/1/07-6/30/08	1,090														
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000	
7/1/94-6/30/95	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/95-6/30/96	0.987	1.000	1.000	1.000	1.000	0.684	1.000	1.000	1.000	1.000	1.454	1.000			
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.004	1.000						
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	0.999	1.000								
7/1/01-6/30/02	1.000	1.000	1.000	1.000	1.003	1.000									
7/1/02-6/30/03	1.000	1.000	1.000	0.999	1.000										
7/1/03-6/30/04	1.000	1.000	1.001	1.000											
7/1/04-6/30/05	1.000	1.000	1.000												
7/1/05-6/30/06	0.996	1.000													
7/1/06-6/30/07	1.000														
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
Avg All	0.999	1.000	1.000	1.000	1.000	0.965	1.000	1.001	1.000	1.000	1.114	1.000	0.999	1.000	
Avg Latest 3	0.999	1.000	1.000	1.000	1.001	1.000	1.000	1.001	1.000	1.000	1.151	1.000	0.999	1.000	
\$ Avg All	1.000	1.000	1.000	1.000	1.000	0.994	1.000	1.000	1.000	1.000	1.013	1.000	1.000	1.000	
\$ Avg Latest 3	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.014	1.000	1.000	1.000	
Industry															
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

PROPERTY PROGRAM
AS OF JUNE 30, 2023

LIMITED PAID LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94												65	65	65	65
7/1/94-6/30/95											853	853	853	853	853
7/1/95-6/30/96										77	77	77	76	76	77
7/1/96-6/30/97									823	823	823	823	823	823	823
7/1/97-6/30/98								1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104
7/1/98-6/30/99							122	122	122	122	122	122	122	122	122
7/1/99-6/30/00						388	388	388	388	388	388	388	388	388	388
7/1/00-6/30/01					583	583	583	583	583	583	583	583	583	583	583
7/1/01-6/30/02				183	183	183	183	183	183	183	183	183	183	183	183
7/1/02-6/30/03			229	229	229	229	229	229	229	229	229	229	229	229	229
7/1/03-6/30/04		219	229	229	229	229	229	229	229	229	229	229	229	229	229
7/1/04-6/30/05	580	1,562	1,577	1,577	1,577	1,692	1,692	1,577	1,577	1,577	1,577	1,577	1,577	1,577	1,577
7/1/05-6/30/06	71	89	89	89	89	89	89	89	89	89	89	89	89	89	89
7/1/06-6/30/07	826	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
7/1/07-6/30/08	211	458	1,065	1,085	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090
7/1/08-6/30/09	93	438	438	438	438	438	438	438	438	438	438	438	438	438	438
7/1/09-6/30/10	229	230	230	230	230	229	229	229	229	229	229	229	229	229	229
7/1/10-6/30/11	246	362	367	367	367	367	367	367	367	367	367	367	367	367	367
7/1/11-6/30/12	102	128	132	132	132	132	132	132	132	132	79	79			
7/1/12-6/30/13	62	373	409	409	409	409	409	409	409	409	392	392			
7/1/13-6/30/14	211	1,289	1,286	1,286	1,286	1,286	1,286	1,286	1,286	1,286					
7/1/14-6/30/15	1,184	1,412	1,509	2,209	2,209	2,209	2,209	2,209	2,209	2,209					
7/1/15-6/30/16	20	24	24	24	24	24	24	24	24						
7/1/16-6/30/17	14	29	29	29	29	29	29	29							
7/1/17-6/30/18	32	308	312	312	308	308									
7/1/18-6/30/19	-	1,288	1,288	1,467	1,661										
7/1/19-6/30/20	1,051	1,311	1,311	1,311											
7/1/20-6/30/21	13	21	21												
7/1/21-6/30/22	363	687													
7/1/22-6/30/23	147														

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94												1.000	1.000	1.000	1.000
7/1/94-6/30/95												1.000	1.000	1.000	1.000
7/1/95-6/30/96										1.000	1.000	0.987	1.000	1.013	1.000
7/1/96-6/30/97									1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98								1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99							1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00					1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01					1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03			1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04		1.046	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	2.693	1.010	1.000	1.000	1.073	1.000	0.932	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.254	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.574	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08	2.171	2.325	1.019	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/08-6/30/09	4.710	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/09-6/30/10	1.004	1.000	1.000	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000
7/1/10-6/30/11	1.472	1.014	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000			
7/1/11-6/30/12	1.255	1.031	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.601	1.000				
7/1/12-6/30/13	6.016	1.097	1.000	1.000	1.000	1.000	1.000	1.000	0.957	1.000					
7/1/13-6/30/14	6.109	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
7/1/14-6/30/15	1.193	1.069	1.464	1.000	1.000	1.000	1.000	1.000							
7/1/15-6/30/16	1.200	1.000	1.000	1.000	1.000	1.018	1.000								
7/1/16-6/30/17	2.071	1.000	1.000	1.000	0.996	1.000									
7/1/17-6/30/18	9.625	1.013	1.000	0.987	1.000										
7/1/18-6/30/19		1.139	1.000	1.132											
7/1/19-6/30/20	1.247	1.000	1.000												
7/1/20-6/30/21	1.617	1.000													
7/1/21-6/30/22	1.894														
Avg All	2.771	1.089	1.035	1.007	1.004	1.001	0.996	1.000	0.998	0.978	1.000	0.999	1.000	1.001	1.000
Avg Latest 3	1.586	1.000	1.046	1.040	0.999	1.006	1.000	1.000	0.986	0.867	1.000	1.000	1.000	1.000	1.000
\$ Avg All	2.131	1.071	1.076	1.017	1.011	1.000	0.990	1.000	0.998	0.994	1.000	1.000	1.000	1.000	1.000
\$ Avg Latest 3	1.415	1.000	1.062	1.105	1.000	1.000	1.000	1.000	0.990	0.941	1.000	1.000	1.000	1.000	1.000
Industry															
Prior Selected	2.906	1.094	1.037	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	2.771	1.089	1.037	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	3.150	1.137	1.044	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

PROPERTY PROGRAM
AS OF JUNE 30, 2023

LIMITED PAID LOSSES AND ALAE (\$000's)

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
7/1/94-6/30/95	853	853	853	853	853	853	853	853	853	853	853	853	853	853	853
7/1/95-6/30/96	77	76	76	76	76	76	76	52	52	52	52	52	76	76	
7/1/96-6/30/97	823	823	823	823	823	823	823	823	823	823	823	823	823		
7/1/97-6/30/98	1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104	1,104				
7/1/98-6/30/99	122	122	122	122	122	122	122	122	122	122	122				
7/1/99-6/30/00	388	388	388	388	388	388	388	388	388	388					
7/1/00-6/30/01	583	583	583	583	583	583	583	583	583						
7/1/01-6/30/02	183	183	183	183	183	183	183	183							
7/1/02-6/30/03	229	229	229	229	229	229	229								
7/1/03-6/30/04	229	229	229	229	229										
7/1/04-6/30/05	1,577	1,577	1,577	1,577											
7/1/05-6/30/06	89	89	89												
7/1/06-6/30/07	1,300	1,300													
7/1/07-6/30/08	1,090														
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000	
7/1/94-6/30/95	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
7/1/95-6/30/96	0.987	1.000	1.000	1.000	1.000	0.684	1.000	1.000	1.000	1.000	1.454	1.000			
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.004	1.000						
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	0.999	1.000								
7/1/01-6/30/02	1.000	1.000	1.000	1.000	1.003	1.000									
7/1/02-6/30/03	1.000	1.000	1.000	0.999	1.000										
7/1/03-6/30/04	1.000	1.000	1.001	1.000											
7/1/04-6/30/05	1.000	1.000	1.000												
7/1/05-6/30/06	0.996	1.000													
7/1/06-6/30/07	1.000														
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
Avg All	0.999	1.000	1.000	1.000	1.000	0.965	1.000	1.001	1.000	1.000	1.114	1.000	0.999	1.000	
Avg Latest 3	0.999	1.000	1.000	1.000	1.001	1.000	1.000	1.001	1.000	1.000	1.151	1.000	0.999	1.000	
\$ Avg All	1.000	1.000	1.000	1.000	1.000	0.994	1.000	1.000	1.000	1.000	1.013	1.000	1.000	1.000	
\$ Avg Latest 3	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.014	1.000	1.000	1.000	
Industry															
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Losses are net of excess insurance. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

PROPERTY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE UNREPORTED METHOD

Fiscal Year	Expected Losses and ALAE (a)	Expected Percentage Unreported (b)	Expected Unreported Losses and ALAE [(2) × (3)]	Reported Losses and ALAE as of 6/30/23 (c)	Projected Ultimate Losses and ALAE [(4) + (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 479,850	0.000	\$ -	\$ 228,664	\$ 228,664
7/1/03-6/30/04	509,224	0.000	-	229,327	229,327
7/1/04-6/30/05	588,016	0.000	-	1,576,822	1,576,822
7/1/05-6/30/06	605,664	0.000	-	88,684	88,684
7/1/06-6/30/07	616,147	0.000	-	1,300,468	1,300,468
7/1/07-6/30/08	635,290	0.000	-	1,090,484	1,090,484
7/1/08-6/30/09	655,131	0.000	-	438,156	438,156
7/1/09-6/30/10	675,279	0.000	-	228,790	228,790
7/1/10-6/30/11	686,770	0.000	-	366,767	366,767
7/1/11-6/30/12	684,772	0.000	-	79,332	79,332
7/1/12-6/30/13	749,262	0.000	-	391,592	391,592
7/1/13-6/30/14	854,882	0.000	-	1,286,380	1,286,380
7/1/14-6/30/15	890,528	0.000	-	2,209,336	2,209,336
7/1/15-6/30/16	1,098,305	0.000	-	24,436	24,436
7/1/16-6/30/17	1,088,541	0.000	-	28,888	28,888
7/1/17-6/30/18	1,060,661	0.000	-	307,975	307,975
7/1/18-6/30/19	1,069,745	0.000	-	1,660,817	1,660,817
7/1/19-6/30/20	1,129,664	0.000	-	1,311,068	1,311,068
7/1/20-6/30/21	1,418,085	0.091	129,046	771,022	900,068
7/1/21-6/30/22	1,066,788	0.044	46,939	2,201,640	2,248,579
7/1/22-6/30/23	1,426,218	0.182	259,572	2,080,766	2,340,338
Total	\$ 17,988,822		\$ 435,557	\$ 17,901,413	\$ 18,336,970

- Notes: (a) See Exhibit 7.
(b) Based on reporting pattern shown on Exhibit 4, Sheet 1.
(c) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

PROPERTY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ESTIMATED ULTIMATE LOSSES AND ALAE UNPAID METHOD

Fiscal Year	Expected Losses and ALAE (a)	Expected Percentage Unpaid (b)	Expected Unpaid Losses and ALAE [(2) × (3)]	Paid Losses and ALAE as of 6/30/23 (c)	Projected Ultimate Losses and ALAE [(4) + (5)]
(1)	(2)	(3)	(4)	(5)	(6)
7/1/02-6/30/03	\$ 479,850	0.000	\$ -	\$ 228,664	\$ 228,664
7/1/03-6/30/04	509,224	0.000	-	229,327	229,327
7/1/04-6/30/05	588,016	0.000	-	1,576,822	1,576,822
7/1/05-6/30/06	605,664	0.000	-	88,684	88,684
7/1/06-6/30/07	616,147	0.000	-	1,300,468	1,300,468
7/1/07-6/30/08	635,290	0.000	-	1,090,484	1,090,484
7/1/08-6/30/09	655,131	0.000	-	438,156	438,156
7/1/09-6/30/10	675,279	0.000	-	228,790	228,790
7/1/10-6/30/11	686,770	0.000	-	366,767	366,767
7/1/11-6/30/12	684,772	0.000	-	79,332	79,332
7/1/12-6/30/13	749,262	0.000	-	391,592	391,592
7/1/13-6/30/14	854,882	0.000	-	1,286,380	1,286,380
7/1/14-6/30/15	890,528	0.000	-	2,209,336	2,209,336
7/1/15-6/30/16	1,098,305	0.000	-	24,436	24,436
7/1/16-6/30/17	1,088,541	0.000	-	28,888	28,888
7/1/17-6/30/18	1,060,661	0.000	-	307,975	307,975
7/1/18-6/30/19	1,069,745	0.000	-	1,660,817	1,660,817
7/1/19-6/30/20	1,129,664	0.007	7,908	1,311,068	1,318,976
7/1/20-6/30/21	1,418,085	0.042	59,560	21,022	80,582
7/1/21-6/30/22	1,066,788	0.120	128,015	687,057	815,072
7/1/22-6/30/23	1,426,218	0.683	974,107	146,810	1,120,917
Total	\$ 17,988,822		\$ 1,169,590	\$ 13,702,873	\$ 14,872,463

Notes: (a) See Exhibit 7.
(b) Based on payment pattern shown on Exhibit 4, Sheet 1.
(c) Provided by the State. Losses are net of excess insurance.

STATE OF ALASKA

PROPERTY PROGRAM
AS OF JUNE 30, 2023

DEVELOPMENT OF ULTIMATE LOSSES AND ALAE
EXPECTED LOSS METHOD

Fiscal Year	Property Value (\$000,000) (a)	Reported Losses and ALAE as of 6/30/2022 (a)	Factors to Adjust to Current Level			Property Value at Curr. Level (\$000, 000's) (c)	Curr. Level Reported Losses and ALAE as of 6/30/2022 (f)	Reported Loss Development Factor (g)	Detrended Aggregate Onlevel Loss Cost (i)	Expected Losses and ALAE (j)
			Expo Trend (b)	Loss Trend (c)	Limit Factors (d)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
7/1/02-6/30/03	\$ 3,319	\$ 228,664	2.193	2.231	1.326	\$ 7,279	\$ 676,415	1.000	\$ 144.58	\$ 479,850
7/1/03-6/30/04	3,518	229,327	2.109	2.143	1.326	7,419	651,617	1.000	144.75	509,224
7/1/04-6/30/05	4,059	1,576,822	2.028	2.059	1.326	8,232	4,304,818	1.000	144.87	588,016
7/1/05-6/30/06	4,177	88,684	1.950	1.978	1.326	8,145	232,587	1.000	145.00	605,664
7/1/06-6/30/07	4,245	1,300,468	1.875	1.900	1.326	7,959	3,276,189	1.000	145.15	616,147
7/1/07-6/30/08	4,372	1,090,484	1.803	1.825	1.326	7,883	2,638,749	1.000	145.31	635,290
7/1/08-6/30/09	4,503	438,156	1.734	1.753	1.326	7,808	1,018,420	1.000	145.49	655,131
7/1/09-6/30/10	4,638	228,790	1.667	1.684	1.326	7,732	510,852	1.000	145.60	675,279
7/1/10-6/30/11	4,713	366,767	1.603	1.618	1.326	7,555	786,836	1.000	145.72	686,770
7/1/11-6/30/12	4,695	79,332	1.541	1.554	1.326	7,235	163,460	1.000	145.85	684,772
7/1/12-6/30/13	5,132	391,592	1.482	1.493	1.326	7,606	775,193	1.000	146.00	749,262
7/1/13-6/30/14	5,849	1,286,380	1.425	1.434	1.326	8,335	2,445,875	1.000	146.16	854,882
7/1/14-6/30/15	6,090	2,209,336	1.370	1.378	1.326	8,343	4,036,704	1.000	146.23	890,528
7/1/15-6/30/16	7,507	24,436	1.317	1.324	1.326	9,887	42,897	1.000	146.30	1,098,305
7/1/16-6/30/17	7,436	28,888	1.266	1.272	1.326	9,414	48,721	1.000	146.39	1,088,541
7/1/17-6/30/18	7,241	307,975	1.217	1.222	1.326	8,812	499,003	1.000	146.48	1,060,661
7/1/18-6/30/19	7,298	1,660,817	1.170	1.174	1.326	8,539	2,585,269	1.000	146.58	1,069,745
7/1/19-6/30/20	7,701	1,311,068	1.125	1.128	1.326	8,664	1,960,877	1.000	146.69	1,129,664
7/1/20-6/30/21	7,285	771,022	1.082	1.084	1.000	7,882	835,787	1.100	194.66	1,418,085
7/1/21-6/30/22	7,260	2,201,640	1.040	1.041	1.326	7,550	3,038,876	1.046	146.94	1,066,788
7/1/22-6/30/23	7,313	2,080,766	1.000	1.000	1.000	7,313	2,080,766	1.222	195.02	1,426,218
Total	\$ 118,351	\$ 17,901,413				\$ 169,592	\$ 32,609,911			\$ 17,988,822

(12) Selected Exposure Annual Trend Rate (b) 1.040

(13) Selected Loss Annual Trend Rate (c) 1.041

(14) Aggregate Onlevel Loss Cost / \$1,000,000 property value (h) \$ 195.02

Notes: (a) Provided by the City. Losses are net of excess insurance.

(b) Based on an assumed annual exposure trend of 4.0%.

(c) Based on an assumed annual loss trend of 4.1%.

(d) See Exhibit 7, Sheet 2.

(e) $[(2) \times (4)]$

(f) $[(3) \times (5) \times (6)]$

(g) See Exhibit 4, Sheet 1.

(h) $\text{Sum}(8) \div \text{Sumproduct}(7), 1.0 \div (9)$

(i) $[(13) \div [(5) \times (6)] \times (4)]$

(j) $[(2) \times (10)]$

STATE OF ALASKA

PROPERTY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF INCREASED LIMIT FACTOR

Fiscal Year	Ultimate Trended Limited to \$1M Losses and ALAE (a)	Ultimate Trended Unlimited Losses and ALAE (b)	
(1)	(2)	(3)	
7/1/93-6/30/94	\$ 208,088	\$ 208,088	1.000
7/1/94-6/30/95	1,965,123	2,628,385	1.338
7/1/95-6/30/96	223,718	223,718	1.000
7/1/96-6/30/97	2,244,068	2,339,768	1.043
7/1/97-6/30/98	1,696,555	3,015,455	1.777
7/1/98-6/30/99	321,162	321,162	1.000
7/1/99-6/30/00	978,073	978,073	1.000
7/1/00-6/30/01	1,270,201	1,410,304	1.110
7/1/01-6/30/02	426,587	426,587	1.000
7/1/02-6/30/03	510,754	510,754	1.000
7/1/03-6/30/04	492,060	492,060	1.000
7/1/04-6/30/05	3,077,052	3,250,092	1.056
7/1/05-6/30/06	175,593	175,593	1.000
7/1/06-6/30/07	1,571,491	3,304,383	2.103
7/1/07-6/30/08	1,501,695	1,992,417	1.327
7/1/08-6/30/09	769,023	769,023	1.000
7/1/09-6/30/10	385,742	385,742	1.000
7/1/10-6/30/11	594,017	594,017	1.000
7/1/11-6/30/12	123,425	123,425	1.000
7/1/12-6/30/13	585,250	585,250	1.000
7/1/13-6/30/14	1,411,149	6,266,034	4.440
7/1/14-6/30/15	2,288,702	4,104,026	1.793
7/1/15-6/30/16	32,373	32,373	1.000
7/1/16-6/30/17	36,764	36,764	1.000
7/1/17-6/30/18	376,504	376,504	1.000
7/1/18-6/30/19	1,776,040	3,631,989	2.045
7/1/19-6/30/20	1,350,920	1,479,032	1.095
7/1/20-6/30/21	835,541	835,541	1.000
Total	\$ 27,227,670	\$ 40,496,559	1.487
(4) All Years Combined Implied ILF (c)			1.487
(5) All Years excl 7/13-6/14 Implied ILF (d)			1.326
(6) Selected \$1M to Unlimited ILF (e)			1.326

- Notes: (a) Ult losses trended at 4.1%. Losses are limited to \$1,000,000.
(b) Ult losses trended at 4.1%. Losses are unlimited.
(c) $[(3) \div (2)]$
(d) $[(3) \div (2)]$ excludes 7/13-6/14
(e) Selected based on judgment.

STATE OF ALASKA

PROPERTY PROGRAM AS OF JUNE 30, 2023

DEVELOPMENT OF ULTIMATE CLAIMS

Fiscal Year	Reported Claims (a)	Development Factor to Ultimate (b)	Projected Ultimate Claims (c)
(1)	(2)	(3)	(4)
7/1/93-6/30/94	14	1.000	14
7/1/94-6/30/95	31	1.000	31
7/1/95-6/30/96	23	1.000	23
7/1/96-6/30/97	33	1.000	33
7/1/97-6/30/98	21	1.000	21
7/1/98-6/30/99	20	1.000	20
7/1/99-6/30/00	24	1.000	24
7/1/00-6/30/01	16	1.000	16
7/1/01-6/30/02	14	1.000	14
7/1/02-6/30/03	34	1.000	34
7/1/03-6/30/04	37	1.000	37
7/1/04-6/30/05	34	1.000	34
7/1/05-6/30/06	24	1.000	24
7/1/06-6/30/07	27	1.000	27
7/1/07-6/30/08	23	1.000	23
7/1/08-6/30/09	16	1.000	16
7/1/09-6/30/10	15	1.000	15
7/1/10-6/30/11	24	1.000	24
7/1/11-6/30/12	18	1.000	18
7/1/12-6/30/13	28	1.000	28
7/1/13-6/30/14	18	1.000	18
7/1/14-6/30/15	15	1.000	15
7/1/15-6/30/16	15	1.000	15
7/1/16-6/30/17	19	1.000	19
7/1/17-6/30/18	18	1.000	18
7/1/18-6/30/19	37	1.000	37
7/1/19-6/30/20	14	1.000	14
7/1/20-6/30/21	8	1.000	8
7/1/21-6/30/22	27	1.000	27
7/1/22-6/30/23	12	1.092	13
Total	659		660

Notes: (a) Data provided by the State.
(b) See Sheets 2, 3.
(c) [(2) × (3)]

STATE OF ALASKA

PROPERTY PROGRAM
AS OF JUNE 30, 2023

REPORTED CLAIM COUNTS

Fiscal Year	Age (in Months)														
	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
7/1/93-6/30/94												14	14	14	14
7/1/94-6/30/95											31	31	31	31	31
7/1/95-6/30/96										23	23	23	23	23	23
7/1/96-6/30/97									33	33	33	33	33	33	33
7/1/97-6/30/98								21	21	21	21	21	21	21	21
7/1/98-6/30/99							20	20	20	20	20	20	20	20	20
7/1/99-6/30/00						24	24	24	24	24	24	24	24	24	24
7/1/00-6/30/01					16	16	16	16	16	16	16	16	16	16	16
7/1/01-6/30/02				14	14	14	14	14	14	14	14	14	14	14	14
7/1/02-6/30/03			35	35	35	35	35	35	35	35	34	34	34	34	34
7/1/03-6/30/04		37	37	37	37	37	37	37	37	37	37	37	37	37	37
7/1/04-6/30/05	30	34	34	34	34	34	34	34	34	34	34	34	34	34	34
7/1/05-6/30/06	22	24	24	24	24	24	24	24	24	24	24	24	24	24	24
7/1/06-6/30/07	23	27	27	27	27	27	27	27	27	27	27	27	27	27	27
7/1/07-6/30/08	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23
7/1/08-6/30/09	13	16	16	16	16	16	16	16	16	16	16	16	16	16	16
7/1/09-6/30/10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
7/1/10-6/30/11	21	24	24	24	24	24	24	24	24	24	24	24	24	24	24
7/1/11-6/30/12	18	19	19	19	19	19	19	19	19	19	18	18	18	18	18
7/1/12-6/30/13	24	29	29	29	29	29	29	29	29	29	28	28	28	28	28
7/1/13-6/30/14	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18
7/1/14-6/30/15	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15
7/1/15-6/30/16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
7/1/16-6/30/17	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7/1/17-6/30/18	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18
7/1/18-6/30/19	31	36	36	37	37	37	37	37	37	37	37	37	37	37	37
7/1/19-6/30/20	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
7/1/20-6/30/21	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8
7/1/21-6/30/22	25	27	27	27	27	27	27	27	27	27	27	27	27	27	27
7/1/22-6/30/23	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Fiscal Year	Link Ratios														
	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192
7/1/93-6/30/94												1.000	1.000	1.000	1.000
7/1/94-6/30/95												1.000	1.000	1.000	1.000
7/1/95-6/30/96										1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97									1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98								1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99							1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00						1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01					1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02				1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03			1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.971	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.133	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.091	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.174	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08	1.045	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/08-6/30/09	1.231	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/09-6/30/10	1.200	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/10-6/30/11	1.143	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/11-6/30/12	1.056	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.947	1.000	1.000	1.000	1.000	1.000
7/1/12-6/30/13	1.208	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.966	1.000	1.000	1.000	1.000	1.000	1.000
7/1/13-6/30/14	1.059	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/14-6/30/15	1.071	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/15-6/30/16	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/16-6/30/17	1.056	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/17-6/30/18	1.000	1.000	1.000	0.947	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/18-6/30/19	1.161	1.000	1.000	1.028	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/19-6/30/20	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/20-6/30/21	1.143	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/21-6/30/22	1.080	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg All	1.092	1.000	1.002	0.997	1.000	1.000	1.000	1.000	0.998	0.995	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.074	1.000	1.009	0.982	1.000	1.000	1.000	1.000	0.989	0.982	1.000	1.000	1.000	1.000	1.000
Wght Avg All	1.098	1.000	1.002	0.998	1.000	1.000	1.000	1.000	0.998	0.995	1.000	1.000	1.000	1.000	1.000
Wght Avg Latest 3	1.065	1.000	1.014	0.987	1.000	1.000	1.000	1.000	0.985	0.986	1.000	1.000	1.000	1.000	1.000
Industry															
Prior Selected	1.092	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.092	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.092	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

PROPERTY PROGRAM
AS OF JUNE 30, 2023

REPORTED CLAIM COUNTS

Fiscal Year	Age (in Months)														
	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
7/1/93-6/30/94	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
7/1/94-6/30/95	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
7/1/95-6/30/96	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
7/1/96-6/30/97	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
7/1/97-6/30/98	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
7/1/98-6/30/99	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
7/1/99-6/30/00	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
7/1/00-6/30/01	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
7/1/01-6/30/02	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
7/1/02-6/30/03	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
7/1/03-6/30/04	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
7/1/04-6/30/05	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
7/1/05-6/30/06	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
7/1/06-6/30/07	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
7/1/07-6/30/08	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
7/1/22-6/30/23															

Fiscal Year	Link Ratios														
	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-360	360-Ult.
7/1/93-6/30/94	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/94-6/30/95	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/95-6/30/96	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/96-6/30/97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/97-6/30/98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/98-6/30/99	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/99-6/30/00	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/00-6/30/01	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/01-6/30/02	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/02-6/30/03	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/03-6/30/04	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/04-6/30/05	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/05-6/30/06	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/06-6/30/07	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7/1/07-6/30/08															
7/1/08-6/30/09															
7/1/09-6/30/10															
7/1/10-6/30/11															
7/1/11-6/30/12															
7/1/12-6/30/13															
7/1/13-6/30/14															
7/1/14-6/30/15															
7/1/15-6/30/16															
7/1/16-6/30/17															
7/1/17-6/30/18															
7/1/18-6/30/19															
7/1/19-6/30/20															
7/1/20-6/30/21															
7/1/21-6/30/22															
Avg All	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg All	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
\$ Avg Latest 3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Industry															
Prior Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age-Ultimate	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Data provided by the State. Prior factors from the June 30, 2022 actuarial report.

STATE OF ALASKA

PROPERTY PROGRAM AS OF JUNE 30, 2023

CALCULATION OF DISCOUNT FACTORS 3.0% RATE OF RETURN

<u>Period</u>	<u>Payment Made in Period (a)</u>	<u>Remaining Payments at Beginning of Period (b)</u>	<u>Present Value of Remaining Payments (c)</u>	<u>Reserve Discount Factor [(4) ÷ (3)]</u>
(1)	(2)	(3)	(4)	(5)
1	0.317	1.000	0.961	0.9611
2	0.563	0.683	0.668	0.9783
3	0.078	0.120	0.117	0.9737
4	0.035	0.042	0.041	0.9805
5	0.007	0.007	0.007	0.9853

- Notes: (a) Based on payment pattern shown in Exhibit 4, Sheet 1.
 (b) Upward sum of Column (2).
 (c) Based on a 3.0% rate of return.

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2024

PROPERTY

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/23 (b)	Est Paid Losses and ALAE btw 7/1/23 and 6/30/24 (c)	Paid Losses and ALAE as of 6/30/23 (d)	Paid Losses and ALAE as of 6/30/24 (e)	Estimated Unpaid Losses and ALAE as of 6/30/24 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 5,920,072	\$ -	\$ -	\$ 5,920,072	\$ 5,920,072	\$ -
7/1/1993 - 6/30/1994	64,890	-	-	64,890	64,890	-
7/1/1994 - 6/30/1995	853,235	-	-	853,235	853,235	-
7/1/1995 - 6/30/1996	75,602	-	-	75,602	75,602	-
7/1/1996 - 6/30/1997	823,102	-	-	823,102	823,102	-
7/1/1997 - 6/30/1998	1,104,294	-	-	1,104,294	1,104,294	-
7/1/1998 - 6/30/1999	122,435	-	-	122,435	122,435	-
7/1/1999 - 6/30/2000	388,154	-	-	388,154	388,154	-
7/1/2000 - 6/30/2001	582,635	-	-	582,635	582,635	-
7/1/2001 - 6/30/2002	183,460	-	-	183,460	183,460	-
7/1/2002 - 6/30/2003	228,664	-	-	228,664	228,664	-
7/1/2003 - 6/30/2004	229,327	-	-	229,327	229,327	-
7/1/2004 - 6/30/2005	1,576,822	-	-	1,576,822	1,576,822	-
7/1/2005 - 6/30/2006	88,684	-	-	88,684	88,684	-
7/1/2006 - 6/30/2007	1,300,468	-	-	1,300,468	1,300,468	-
7/1/2007 - 6/30/2008	1,090,484	-	-	1,090,484	1,090,484	-
7/1/2008 - 6/30/2009	438,156	-	-	438,156	438,156	-
7/1/2009 - 6/30/2010	228,790	-	-	228,790	228,790	-
7/1/2010 - 6/30/2011	366,767	-	-	366,767	366,767	-
7/1/2011 - 6/30/2012	79,332	-	-	79,332	79,332	-
7/1/2012 - 6/30/2013	391,592	-	-	391,592	391,592	-
7/1/2013 - 6/30/2014	1,286,380	-	-	1,286,380	1,286,380	-
7/1/2014 - 6/30/2015	2,209,336	-	-	2,209,336	2,209,336	-
7/1/2015 - 6/30/2016	24,436	-	-	24,436	24,436	-
7/1/2016 - 6/30/2017	28,888	-	-	28,888	28,888	-
7/1/2017 - 6/30/2018	307,975	-	-	307,975	307,975	-
7/1/2018 - 6/30/2019	1,660,817	-	-	1,660,817	1,660,817	-
7/1/2019 - 6/30/2020	1,311,068	-	-	1,311,068	1,311,068	-
7/1/2020 - 6/30/2021	850,000	828,979	690,816	21,022	711,837	138,163
7/1/2021 - 6/30/2022	2,300,000	1,612,944	1,048,414	687,057	1,735,470	564,530
7/1/2022 - 6/30/2023	2,350,000	2,203,190	1,816,100	146,810	1,962,910	387,090
7/1/2023 - 6/30/2024	2,375,354	2,375,354	752,987	-	752,987	1,622,367
Total	\$ 30,841,219	\$ 7,020,467	\$ 4,308,316	\$ 23,820,753	\$ 28,129,069	\$ 2,712,150

Notes: (a) See Exhibit 3. FY 2023-2024 from Exhibit 2, Sheet 1.

(b) See Exhibit 1, Sheet 2 for 2023 and prior.

(c) See Exhibit 11, Sheet 1, Column (3).

(d) Provided by the State. Losses are net of excess insurance.

(e) [(4) + (5)]

(f) [(2) - (6)]

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2025

PROPERTY

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/24 (b)	Est Paid Losses and ALAE btw 7/1/24 and 6/30/25 (c)	Paid Losses and ALAE as of 6/30/24 (d)	Paid Losses and ALAE as of 6/30/25 (e)	Estimated Unpaid Losses and ALAE as of 6/30/25 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 5,920,072	\$ -	\$ -	\$ 5,920,072	\$ 5,920,072	\$ -
7/1/1993 - 6/30/1994	64,890	-	-	64,890	64,890	-
7/1/1994 - 6/30/1995	853,235	-	-	853,235	853,235	-
7/1/1995 - 6/30/1996	75,602	-	-	75,602	75,602	-
7/1/1996 - 6/30/1997	823,102	-	-	823,102	823,102	-
7/1/1997 - 6/30/1998	1,104,294	-	-	1,104,294	1,104,294	-
7/1/1998 - 6/30/1999	122,435	-	-	122,435	122,435	-
7/1/1999 - 6/30/2000	388,154	-	-	388,154	388,154	-
7/1/2000 - 6/30/2001	582,635	-	-	582,635	582,635	-
7/1/2001 - 6/30/2002	183,460	-	-	183,460	183,460	-
7/1/2002 - 6/30/2003	228,664	-	-	228,664	228,664	-
7/1/2003 - 6/30/2004	229,327	-	-	229,327	229,327	-
7/1/2004 - 6/30/2005	1,576,822	-	-	1,576,822	1,576,822	-
7/1/2005 - 6/30/2006	88,684	-	-	88,684	88,684	-
7/1/2006 - 6/30/2007	1,300,468	-	-	1,300,468	1,300,468	-
7/1/2007 - 6/30/2008	1,090,484	-	-	1,090,484	1,090,484	-
7/1/2008 - 6/30/2009	438,156	-	-	438,156	438,156	-
7/1/2009 - 6/30/2010	228,790	-	-	228,790	228,790	-
7/1/2010 - 6/30/2011	366,767	-	-	366,767	366,767	-
7/1/2011 - 6/30/2012	79,332	-	-	79,332	79,332	-
7/1/2012 - 6/30/2013	391,592	-	-	391,592	391,592	-
7/1/2013 - 6/30/2014	1,286,380	-	-	1,286,380	1,286,380	-
7/1/2014 - 6/30/2015	2,209,336	-	-	2,209,336	2,209,336	-
7/1/2015 - 6/30/2016	24,436	-	-	24,436	24,436	-
7/1/2016 - 6/30/2017	28,888	-	-	28,888	28,888	-
7/1/2017 - 6/30/2018	307,975	-	-	307,975	307,975	-
7/1/2018 - 6/30/2019	1,660,817	-	-	1,660,817	1,660,817	-
7/1/2019 - 6/30/2020	1,311,068	-	-	1,311,068	1,311,068	-
7/1/2020 - 6/30/2021	850,000	138,163	138,163	711,837	850,000	-
7/1/2021 - 6/30/2022	2,300,000	564,530	470,442	1,735,470	2,205,912	94,088
7/1/2022 - 6/30/2023	2,350,000	387,090	251,609	1,962,910	2,214,519	135,481
7/1/2023 - 6/30/2024	2,375,354	1,622,367	1,337,324	752,987	2,090,311	285,043
7/1/2024 - 6/30/2025	2,571,573	2,571,573	815,189	-	815,189	1,756,384
Total	\$ 33,412,792	\$ 5,283,723	\$ 3,012,727	\$ 28,129,069	\$ 31,141,796	\$ 2,270,996

Notes: (a) See Exhibit 3. FY 2023-2024 and FY 2024-2025 from Exhibit 2, Sheet 1.
 (b) See Exhibit 10, Sheet 1, Column (7).
 (c) See Exhibit 11, Sheet 1, Column (4).
 (d) See Exhibit 10, Sheet 1, Column (6).
 (e) [(4) + (5)]
 (f) [(2) - (6)]

STATE OF ALASKA

ESTIMATED UNPAID LOSSES AND ALAE AS OF JUNE 30, 2026

PROPERTY

Fiscal Year	Selected Ultimate Losses and ALAE (a)	Estimated Unpaid Losses and ALAE as of 6/30/25 (b)	Est Paid Losses and ALAE btw 7/1/25 and 6/30/26 (c)	Paid Losses and ALAE as of 6/30/25 (d)	Paid Losses and ALAE as of 6/30/26 (e)	Estimated Unpaid Losses and ALAE as of 6/30/26 (f)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Prior	\$ 5,920,072	\$ -	\$ -	\$ 5,920,072	\$ 5,920,072	\$ -
7/1/1993 - 6/30/1994	64,890	-	-	64,890	64,890	-
7/1/1994 - 6/30/1995	853,235	-	-	853,235	853,235	-
7/1/1995 - 6/30/1996	75,602	-	-	75,602	75,602	-
7/1/1996 - 6/30/1997	823,102	-	-	823,102	823,102	-
7/1/1997 - 6/30/1998	1,104,294	-	-	1,104,294	1,104,294	-
7/1/1998 - 6/30/1999	122,435	-	-	122,435	122,435	-
7/1/1999 - 6/30/2000	388,154	-	-	388,154	388,154	-
7/1/2000 - 6/30/2001	582,635	-	-	582,635	582,635	-
7/1/2001 - 6/30/2002	183,460	-	-	183,460	183,460	-
7/1/2002 - 6/30/2003	228,664	-	-	228,664	228,664	-
7/1/2003 - 6/30/2004	229,327	-	-	229,327	229,327	-
7/1/2004 - 6/30/2005	1,576,822	-	-	1,576,822	1,576,822	-
7/1/2005 - 6/30/2006	88,684	-	-	88,684	88,684	-
7/1/2006 - 6/30/2007	1,300,468	-	-	1,300,468	1,300,468	-
7/1/2007 - 6/30/2008	1,090,484	-	-	1,090,484	1,090,484	-
7/1/2008 - 6/30/2009	438,156	-	-	438,156	438,156	-
7/1/2009 - 6/30/2010	228,790	-	-	228,790	228,790	-
7/1/2010 - 6/30/2011	366,767	-	-	366,767	366,767	-
7/1/2011 - 6/30/2012	79,332	-	-	79,332	79,332	-
7/1/2012 - 6/30/2013	391,592	-	-	391,592	391,592	-
7/1/2013 - 6/30/2014	1,286,380	-	-	1,286,380	1,286,380	-
7/1/2014 - 6/30/2015	2,209,336	-	-	2,209,336	2,209,336	-
7/1/2015 - 6/30/2016	24,436	-	-	24,436	24,436	-
7/1/2016 - 6/30/2017	28,888	-	-	28,888	28,888	-
7/1/2017 - 6/30/2018	307,975	-	-	307,975	307,975	-
7/1/2018 - 6/30/2019	1,660,817	-	-	1,660,817	1,660,817	-
7/1/2019 - 6/30/2020	1,311,068	-	-	1,311,068	1,311,068	-
7/1/2020 - 6/30/2021	850,000	-	-	850,000	850,000	-
7/1/2021 - 6/30/2022	2,300,000	94,088	94,088	2,205,912	2,300,000	-
7/1/2022 - 6/30/2023	2,350,000	135,481	112,901	2,214,519	2,327,420	22,580
7/1/2023 - 6/30/2024	2,375,354	285,043	185,278	2,090,311	2,275,589	99,765
7/1/2024 - 6/30/2025	2,571,573	1,756,384	1,447,796	815,189	2,262,985	308,588
7/1/2025 - 6/30/2026	2,783,958	2,783,958	882,515	-	882,515	1,901,443
Total	\$ 36,196,750	\$ 5,054,954	\$ 2,722,578	\$ 31,141,796	\$ 33,864,374	\$ 2,332,376

Notes: (a) See Exhibit 3. FY 2023-2024, FY 2024-2025, and FY 2025-2026 from Exhibit 2, Sheet 1.
 (b) See Exhibit 10, Sheet 2, Column (7).
 (c) See Exhibit 11, Sheet 1, Column (5).
 (d) See Exhibit 10, Sheet 2, Column (6).
 (e) [(4) + (5)]
 (f) [(2) - (6)]

STATE OF ALASKA

PROJECTED FISCAL CALENDAR YEAR PAYOUTS

PROPERTY

Fiscal Year	Estimated Unpaid Losses and ALAE as of 6/30/23 (a)	Fiscal Calendar Year Payments (b)												
		7/1/23 - 6/30/24	7/1/24 - 6/30/25	7/1/25 - 6/30/26	7/1/26 - 6/30/27	7/1/27 - 6/30/28	7/1/28 - 6/30/29	7/1/29 - 6/30/30	7/1/30 - 6/30/31	7/1/31 - 6/30/32	7/1/32 - 6/30/33	7/1/33 - 6/30/34	7/1/34 - 6/30/35	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
Prior	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7/1/1993 - 6/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/1994 - 6/30/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/1995 - 6/30/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/1996 - 6/30/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/1997 - 6/30/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/1998 - 6/30/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/1999 - 6/30/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2000 - 6/30/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2001 - 6/30/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2002 - 6/30/2003	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2003 - 6/30/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2004 - 6/30/2005	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2005 - 6/30/2006	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2006 - 6/30/2007	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2007 - 6/30/2008	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2008 - 6/30/2009	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2009 - 6/30/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2010 - 6/30/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2011 - 6/30/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2012 - 6/30/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2013 - 6/30/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2014 - 6/30/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2015 - 6/30/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2016 - 6/30/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2017 - 6/30/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2018 - 6/30/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2019 - 6/30/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/1/2020 - 6/30/2021	828,979	690,816	138,163	-	-	-	-	-	-	-	-	-	-	
7/1/2021 - 6/30/2022	1,612,944	1,048,414	470,442	94,088	-	-	-	-	-	-	-	-	-	
7/1/2022 - 6/30/2023	2,203,190	1,816,100	251,609	112,901	22,580	-	-	-	-	-	-	-	-	
7/1/2023 - 6/30/2024	2,375,354	752,987	1,337,324	185,278	83,137	16,627	-	-	-	-	-	-	-	
7/1/2024 - 6/30/2025	2,571,573	-	815,189	1,447,796	200,583	90,005	18,001	-	-	-	-	-	-	
7/1/2025 - 6/30/2026	2,783,958	-	-	882,515	1,567,368	217,149	97,439	19,488	-	-	-	-	-	
Total	\$ 12,375,998	\$ 4,308,316	\$ 3,012,727	\$ 2,722,578	\$ 1,873,669	\$ 323,781	\$ 115,440	\$ 19,488	\$ -	\$ -	\$ -	\$ -	\$ -	

Notes: (a) See Exhibit 1, Sheet 2 through 6/30/2023. See Exhibit 2, Sheet 1 for fiscal years beginning July 1, 2023 through June 30, 2026.
(b) Estimated reserve payout based on selected payment pattern in Exhibit 4, Sheet 1.

STATE OF ALASKA

SIZE OF LOSS DISTRIBUTION

PROPERTY

Fiscal Year	\$0	\$0.01-\$5,000	\$5,000-\$10,000	\$10,000-\$25,000	\$25,000-\$50,000	\$50,000-\$100,000	\$100,000-\$250,000	\$250,000-\$500,000	\$500,000-\$750,000	\$750,000-\$1,000,000	Over \$1,000,000	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Reported Claim Counts *												
Prior	213	434	95	73	39	29	14	8	3	2	1	911
7/1/2010 - 6/30/2011	8	7	1	5	4	-	1	-	-	-	-	26
7/1/2011 - 6/30/2012	8	5	2	2	1	-	-	-	-	-	-	18
7/1/2012 - 6/30/2013	15	5	2	4	1	-	-	1	-	-	-	28
7/1/2013 - 6/30/2014	4	8	2	1	1	-	1	-	-	-	1	18
7/1/2014 - 6/30/2015	6	4	2	-	-	-	1	-	-	-	2	15
7/1/2015 - 6/30/2016	10	4	-	1	-	-	-	-	-	-	-	15
7/1/2016 - 6/30/2017	12	6	-	1	-	-	-	-	-	-	-	19
7/1/2017 - 6/30/2018	5	9	-	2	-	1	1	-	-	-	-	18
7/1/2018 - 6/30/2019	25	3	2	1	1	1	3	-	-	-	1	37
7/1/2019 - 6/30/2020	7	1	3	-	1	-	1	-	-	1	-	14
7/1/2020 - 6/30/2021	2	3	2	-	-	-	-	-	1	-	-	8
7/1/2021 - 6/30/2022	8	5	3	5	1	1	1	2	-	-	1	27
7/1/2022 - 6/30/2023	1	-	-	2	2	5	-	-	1	1	-	12
Total	324	494	114	97	51	37	23	11	5	4	6	1,166

Reported Losses

Prior	\$ -	\$ 686,514	\$ 703,150	\$ 1,127,559	\$ 1,431,064	\$ 2,178,429	\$ 2,375,329	\$ 2,931,614	\$ 1,844,908	\$ 1,665,105	\$ 1,436,848	\$ 16,380,520
7/1/2010 - 6/30/2011	-	16,362	6,535	64,651	137,678	-	141,540	-	-	-	-	366,767
7/1/2011 - 6/30/2012	-	9,126	16,274	24,383	29,548	-	-	-	-	-	-	79,332
7/1/2012 - 6/30/2013	-	9,894	14,459	77,205	36,034	-	-	254,000	-	-	-	391,592
7/1/2013 - 6/30/2014	-	18,703	14,262	23,116	34,095	-	196,204	-	-	-	4,078,137	4,364,517
7/1/2014 - 6/30/2015	-	7,398	17,563	-	-	-	184,375	-	-	-	2,766,467	2,975,804
7/1/2015 - 6/30/2016	-	5,909	-	18,526	-	-	-	-	-	-	-	24,436
7/1/2016 - 6/30/2017	-	9,923	-	18,964	-	-	-	-	-	-	-	28,888
7/1/2017 - 6/30/2018	-	26,249	-	34,533	-	64,398	182,795	-	-	-	-	307,975
7/1/2018 - 6/30/2019	-	3,639	14,068	16,170	45,819	53,658	527,463	-	-	-	2,431,910	3,092,727
7/1/2019 - 6/30/2020	-	1,667	25,511	-	34,114	-	249,776	-	-	1,000,000	-	1,311,068
7/1/2020 - 6/30/2021	-	10,252	10,770	-	-	-	-	-	750,000	-	-	771,022
7/1/2021 - 6/30/2022	-	21,672	19,969	85,000	40,000	85,000	150,000	800,000	-	-	1,800,000	3,001,640
7/1/2022 - 6/30/2023	-	-	-	24,810	91,956	424,000	-	-	540,000	1,000,000	-	2,080,766
Total	\$ -	\$ 827,309	\$ 842,560	\$ 1,514,919	\$ 1,880,308	\$ 2,805,485	\$ 4,007,484	\$ 3,985,614	\$ 3,134,908	\$ 3,665,105	\$ 12,513,362	\$ 35,177,053

* Reported claim counts are total number of claimants for all occurrences and may not match Exhibit 8.

Based on data provided by the State.

STATE OF ALASKA

SELF-INSURED RETENTIONS BY FISCAL YEAR

PROPERTY

Fiscal Year	Property
(1)	(2)
7/1/1980 - 6/30/1981	\$ 300,000
7/1/1981 - 6/30/1982	250,000
7/1/1982 - 6/30/1983	250,000
7/1/1983 - 6/30/1984 through 7/1/1985 - 6/30/1986	200,000
7/1/1986 - 6/30/1987	500,000
7/1/1987 - 6/30/2020	1,000,000
7/1/2020 - 6/30/2021	Unlimited
7/1/2021- 6/30/2022	1,000,000
7/1/2022 - 6/30/2023	Unlimited

Retentions provided by the State.