

NORTH CAROLINA VOLUNTEER SAFETY WORKERS' COMPENSATION FUND

FUNDING ANALYSIS FOR FISCAL YEARS ENDING JUNE 30, 2025 THROUGH JUNE 30, 2029

MARCH 26, 2025

For North Carolina Office of the State Fire Marshal

By John Gleba, FCAS, MAAA

EXPERTS WITH IMPACT™



March 26, 2025

Ms. Latarsha Silver, Risk Management, Division Chief Ms. Natalie Pollard, Program Manager Office of the State Fire Marshal 1202 Mail Service Center Raleigh, NC 27699-1201

RE: North Carolina Volunteer Safety Workers' Compensation Fund
 Funding Analysis for Fiscal Years Ending June 30, 2025
 Through June 30, 2029 – FINAL V2

Dear Ms. Silver and Ms. Pollard:

FTI Consulting Inc. is pleased to enclose a copy of the above captioned report. We have enjoyed working on this report and hope you find it satisfactory. If you have any questions or require additional information, please let us know.

Respectfully submitted, FTI Consulting, Inc.

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NORTH CAROLINA VOLUNTEER SAFETY WORKERS' COMPENSATION FUND FUNDING ANALYSIS FOR FISCAL YEARS ENDING JUNE 30, 2025 THROUGH JUNE 30, 2029

INTRODUCTION

Purpose

The North Carolina Office of the State Fire Marshal ("OSFM") requested FTI Consulting, Inc. ("FTI") to prepare a Funding Study for the Volunteer Safety Worker's Compensation Fund (the "Fund"). The objectives of the Study include the following (as outlined in North Carolina G.S. §58-87-10 (f)):

- (1) Calculate the amount required to meet the needs of the Fund, projecting at least five years into the future.
- (2) Report on the nature of the claims paid by the Fund and any claims-related trends that impact the financial status of the Fund.
- (3) Calculate how much revenue from the State and from member premiums would be required to meet the needs of the Fund for each of the following scenarios:
 - a. The Fund receives twenty percent (20%) of the net proceeds from the tax collected under G.S. §105-228.5(d)(3).
 - b. Member premiums do not change from the prior year.
 - c. Member premiums fully fund the Fund without any State support.

It is our understanding that effective July 1, 2025, paragraph 10(f)(3)(a) will be revised to state the following (emphasis added):

a. The Fund receives **ten percent (10%)** of the net proceeds from the tax collected under G.S. §105-228.5(d)(3).

This report and attached exhibits provide the results of our analysis for Fund periods ending June 30, 2025 through June 30, 2029.



Distribution and Use

This report has been prepared for the internal use of the OSFM in their determination of reasonable funding levels for the NC Volunteer Safety Workers' Compensation Fund. It is our understanding that this report may be distributed to the North Carolina Legislature, the Department's auditors and the Fund's Third-Party Administrator ("TPA"). This report may also become a public document. It is requested that all distributions of this report be made in its entirety. Any other use or distribution is not authorized without our prior consent.

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.



CONDITIONS AND LIMITATIONS

Background

The Volunteer Safety Workers' Compensation Fund was created and began operations on July 1, 1996. The Fund provides workers' compensation coverage to smaller size fire departments, rescue squads, and EMS Units, a majority of which are volunteer. As of 2024, the Fund provides coverage for over 1,500 departments and 40,000 members.

Funding for the Fund is provided by both premiums collected from its members as well as contributions from the State of North Carolina. Historically, contributions from the State have varied from year to year. For fiscal period ending June 30, 2020, the state contributions were \$8,546,424. For fiscal period ending June 30, 2021, the state contributions were \$9,127,639. State contributions for fiscal year ending June 30, 2022 were \$8,293,058. It is our understanding that beginning July 1, 2022, no state contributions have been, or will be, made into the fund through fiscal period ending June 30, 2025.

Member contributions are based on premium paid by members as a function of job classification. The table below list the current rates by job classification:

		Rate Per
Code	Description	Member
7704	Full-time Firefighter	\$ 1,000
7705	Full-time EMS/Rescue	1,000
7710	Part-time Firefighter	375
7711	Volunteer Firefighter	65
7713	Part-Time EMS/Rescue	500
7717	Volunteer EMS/ Rescue	85
7720	Administrative Secretary	200

Beginning in fiscal year 2022/2023 and continuing through the end of fiscal year 2024/2025, the State has suspended member premiums from being collected by the Fund. While the Fund's financial statement shows revenue of \$542 from member premiums for the fiscal period ending June 30, 2023, for the purposes of the scenarios in this report, we treat that amount as \$0. Absent additional legislation or future rate changes, member premiums should be reinstated beginning July 1, 2025 based on the rates shown above.



In addition to obligations associated with workers compensation losses and loss adjustment expenses ("LAE"), the Fund also incurs a small amount of additional expenses each year. These expenses relate mostly to the fees charged by the Fund's TPA for claims management, marketing, and underwriting of the Fund as well as miscellaneous services. Other expenses include agent commissions, actuarial fees and audit fees.

Excess Insurance

Prior to July 1, 2011, the Fund purchased excess insurance such that losses were capped through the application of a per occurrence self-insured retention ("SIR"). The amount of the retention varied over time. In 2010/2011 the SIR was \$1,500,000 per occurrence. Beginning July 1, 2011, the Fund has not purchased any additional excess insurance and all claims are retained up to statutory limits.

Investment Income

The Fund maintains certain assets to fulfill its obligations under its current operational structure. Any related investment gains or losses associated with the management of these assets is allocated back to the fund accordingly. Our analysis includes the effect of any potential investment income earned.

Allocated Loss Adjustment Expense

It is our understanding that all deductibles, retentions, and limits apply to losses (i.e., indemnity and medical) and allocated loss adjustment expenses ("ALAE") on a combined basis. That is, a \$1,500,000 per occurrence retention is met if the sum of losses and ALAE meets or exceeds \$1,500,000 on a combined basis. In this report, it is assumed that all references to "losses", "claims", or "liabilities" shall be understood to include both losses and ALAE on a combined basis, unless otherwise stated.



Data Sources

In performing our analysis, we relied, without audit or verification, on the following sources of data provided by the OSFM:

- Volunteer Safety Workers' Compensation Fund Analysis of Loss Reserves as of June 30, 2024, prepared by Allen Consulting;
- Statutory Financial Statements for the Fund for Fiscal Periods ending June 30, 2021, June 30, 2022, June 30, 2023, and June 30, 2024;
- Individual claim detail for the Fund, valued as of June 30, 2024;
- Aggregate loss summaries by fiscal year, provided by the Fund's TPA, valued as of June 30, 2024; and
- Report to the North Carolina General Assembly regarding the Volunteer Safety Workers Compensation Fund pursuant to HB 950, Session Law 2012-142 Part XX.
 Section 20.4(a) – Kevin Conley, FCAS, MAAA, Chief Actuary, North Carolina Division of Insurance.

The data provided by the OSFM was supplemented by North Carolina workers' compensation industry data as reported in the National Council on Compensation Insurance's (NCCI's) Annual Statistical Bulletin (2024 Edition), other industry data, and additional proprietary data from similar programs. As part of our analysis, we have reviewed the data for reasonableness and consistency.



RESULTS AND CONCLUSIONS

Per the requirements of North Carolina G.S. §58-87-10 (f)), we have the following results and conclusions.

For the purposes of this report, the "needs of the Fund" are determined to have been met if the Fund's revenue (including member premiums, state contributions, and investment income), in combination with the beginning surplus, is sufficient to cover associated expenses (claim payments, reserve obligations, and related expenses). In this report, the terms "Net position" and "Surplus" are used interchangeably and should be assumed to be equivalent.

In addition, we believe that maintaining a risk margin or "cushion" in the Fund is reasonable and prudent given the inherent uncertainty associated with workers' compensation claims. Based on discussion with the Department and with consideration to the size of the Fund, the level of annual losses, and the volatility associated with workers compensation insurance in general, we believe that the State should maintain a minimum surplus of \$25,000,000 at all times to ensure that the needs of the Fund will be met.

(1) Calculate the amount required to meet the needs of the Fund, projecting at least five years into the future.

As of June 30, 2024, the current Net Position of the Fund is \$39,432,759 based on the Fund's financial statements. Scenario 1 shows that the Fund's current surplus would be enough to sustain the Fund's expenses over the next five years if the following revenue stream were implemented:

- No member premiums for fiscal periods 2025/2026 or 2026/2027, but beginning with fiscal period 2026/2027, member premiums would be reinstated at a level approximately equal to the current rates shown above.
- In addition, beginning in fiscal year 2025/2026, the state would need to supplement the fund using tax revenue of approximately \$4,000,000, equal to roughly 10% of net proceeds, according to the provisions of revised statute G.S. §58-87-10(f)(3)a. Tax revenue would decrease by 30% for the following three years through fiscal period 2028/2029.



Under this assumption, the Fund's surplus would gradually decrease to approximately \$25.7 million by June 30, 2029. As noted above, this is close to the minimum surplus we believe would be adequate to meet the needs of the fund through July 1, 2029. This is summarized below:

SCENARIO I - FIVE TEAR PROJECTION															
	Fund Year Ending														
	Ju	ne 30, 2025	Ju	ine 30, 2026	Ju	ine 30, 2027	Ju	ine 29, 2028	Ju	ne 30, 2029					
Beginning Net Position	\$	39,432,759	\$	31,265,533	\$	26,765,087	\$	27,439,532	\$	26,986,460					
Operating Revenue		-		4,000,000		9,800,000		8,960,000		8,372,000					
Operating Expenses		9,167,226		9,500,447		10,125,554		10,413,073		10,706,930					
Investment Income		1,000,000		1,000,000		1,000,000		1,000,000		1,000,000					
Net Income		(8,167,226)		(4,500,447)		674,446		(453,073)		(1,334,930)					
Ending Net Position	\$	31,265,533	\$	26,765,087	\$	27,439,532	\$	26,986,460	\$	25,651,530					

Conclusion: The needs of the fund can be achieved by utilizing a revenue stream composed of member premiums (beginning July 1, 2026) and additional state contributions according to the schedule described above.

(2) Report on the nature of the claims paid by the Fund and any claims-related trends that impact the financial status of the Fund.

As noted above, the Fund provides workers' compensation coverage to smaller size fire departments, rescue squads, and EMS Units, a majority of which are volunteer. Participation in the Fund has been fairly steady for the last twenty years, averaging between 40,000 and 45,000 members per year.

Ultimate losses for the fund have varied over past twenty years, from a low of about \$4.8 million in Fund year 2002/2003 to a high of about \$10.9 million in Fund year 2010/2011. Current projections based on data through June 30, 2023 indicate future loss levels in the range of \$8-9 million, assuming exposures (members) remains flat and a 3.1% loss trend.

At this rate, the Fund can expect annual loss and ALAE payments of between \$8.5 - \$9.5 million for the next five years. See Exhibit 3 for an estimate of future cash flows by year.

(3) Calculate how much revenue from the State and from member premiums would be required to meet the needs of the Fund for each of the following scenarios:

a. The Fund receives ten percent (20%) of the net proceeds from the tax collected under G.S. §105-228.5(d)(3).



Scenario 2 assumes that the State will contribute 20% of net tax proceeds beginning with fiscal period 2025/2026 but no additional member premiums will be collected. We have estimated future state contributions based on a rolling average of contributions for the three immediately preceding years. Under this assumption, the Fund's net surplus decreases to approximately \$30.2 million by June 30, 2029:

Fund Voor Ending																
		Fund Year Ending														
	Ju	ne 30, 2025	Ju	ine 30, 2026	Ju	ine 30, 2027	Ju	ine 29, 2028	Ju	ne 30, 2029						
Beginning Net Position	\$	39,432,759	\$	31,265,533	\$	31,475,435	\$	31,410,229	\$	30,918,409						
Operating Revenue		-		8,710,349		8,710,349		8,571,252		8,663,983						
Operating Expenses		9,167,226		9,500,447		9,775,554		10,063,073		10,356,930						
Investment Income		1,000,000		1,000,000		1,000,000		1,000,000		1,000,000						
Net Income		(8,167,226)		209,902		(65,206)		(491,821)		(692,947)						
Ending Net Position	\$	31,265,533	\$	31,475,435	\$	31,410,229	\$	30,918,409	\$	30,225,461						

SCENARIO 2 - FUND RECEIVES 20% NET TAX PROCEEDS

Conclusion: If the State reinstates contributions equal to 20% of net tax proceeds beginning with fiscal period 2025/2026, the Fund's current surplus is expected to decrease to approximately \$30.2 million by June 30, 2029. However, note that the effective July 1, 2025, the statue is being revised to require only 10% of net tax proceeds (see earlier discussion).

(b) Member premiums do not change from the prior year.

Since no member premiums were collected in fiscal year 2023/2024, Scenario 3 assumes that no future member premiums will be collected through June 30, 2029 and that no additional state contributions will be provided. Under this assumption, the Fund's net positions will result in a deficit of approximately \$4.4 million by June 30, 2029:

		Fund Year Ending														
	Ju	ine 30, 2025	Ju	ine 30, 2026	Ju	ine 30, 2027	Ju	ine 29, 2028	Ju	ne 30, 2029						
Beginning Net Position	\$	39,432,759	\$	31,265,533	\$	22,765,087	\$	13,989,532	\$	4,926,460						
Operating Revenue		-		-		-		-		-						
Operating Expenses		9,167,226		9,500,447		9,775,554		10,063,073		10,356,930						
Investment Income		1,000,000		1,000,000		1,000,000		1,000,000		1,000,000						
Net Income		(8,167,226)		(8,500,447)		(8,775,554)		(9,063,073)		(9,356,930)						
Ending Net Position	\$	31,265,533	\$	22,765,087	\$	13,989,532	\$	4,926,460	\$	(4,430,470)						

SCENARIO 3 - MEMBER PREMIUMS DO NOT CHANGE FROM PRIOR YEAR

Conclusion: If the Fund continues to collect member premiums at the same level as the most recently completed year and the State does not contribute any additional funds from tax revenue, the Fund's is projected to accrue a deficit of approximately \$4.4 million by year end June 30, 2029.



(c) Member premiums fully fund the Fund without any State support.

The Fund can be fully supported for the next five years if member premiums are reinstated on July 1, 2025 subject to an annual increase each year of 5%. Based on discussions with the Department, the Department believes that, separate from our analysis, requiring members to pay a premium is important because payment of premiums helps identity individuals covered by the Fund and, because the premium is experience rated, it encourages member departments to maintain safety standards and exercise loss mitigation efforts.

Scenario 4 projects the Fund's net surplus assuming that effective with Fund year 2025/2026, the Fund collects premium levels at 105% of the levels collected in Fund year 2021/2022, and that premiums continue to increase by 5% each year thereafter. Under this assumption, the Fund's surplus would gradually decrease to approximately \$25.7 million by year end June 30, 2029:

		Fund Year Ending														
	Ju	ine 30, 2025	Ju	ine 30, 2026	Ju	ine 30, 2027	Ju	ine 29, 2028	Ju	ne 30, 2029						
Beginning Net Position	\$	39,432,759	\$	31,265,533	\$	29,747,587	\$	28,303,657	\$	26,938,791						
Operating Revenue		-		7,350,000		7,717,500		8,103,375		8,508,544						
Operating Expenses		9,167,226		9,867,947		10,161,429		10,468,241		10,782,357						
Investment Income		1,000,000		1,000,000		1,000,000		1,000,000		1,000,000						
Net Income		(8,167,226)		(1,517,947)		(1,443,929)		(1,364,866)		(1,273,814)						
Ending Net Position	\$	31,265,533	\$	29,747,587	\$	28,303,657	\$	26,938,791	\$	25,664,978						

SCENARIO 4: MEMBER PREMIUMS INCREASE 5% ANNUALLY EFFECTIVE JULY 1, 2025

Conclusion: If the Fund were to reinstate member premiums in fiscal period 2025/2026, with a 5% annual increase in rate levels, the Fund would still be reasonably funded, and the Fund's surplus would decrease to approximately \$25.7 million at year end June 30, 2029. This amount, in our opinion, would still represent a reasonable financial position for the Fund.



ANALYSIS

The major steps in our analysis were as follows:

- Ultimate losses and ALAE for future accident periods beginning July 1, 2024 were estimated based on historical experience of the Fund;
- Cash flow payments for future periods were estimated based on the ultimate losses in
 (i) and assumed payout patterns.
- Fiscal year payments and reserve balance were estimated for accident periods ending June 30, 2025, June 30, 2026, June 30, 2027, June 30, 2028, and June 30, 2029;
- Based on the expected loss payments and reserve balances, along with assumptions regarding future expenses and investment income, the net position of the Fund (surplus) was projected for the next five fund years under different revenue scenarios.

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

Projection of Ultimate Losses and ALAE for Future Accident Periods

Exhibit 4 outlines the methodology for projecting ultimate losses and ALAE for periods after June 30, 2024. In Column (2), ultimate losses and ALAE from the Fund's latest actuarial reserve report (as of June 30, 2024) are adjusted to current benefit and cost levels based on assumed industry trends. Historical loss rates (loss costs), adjusted to current level, are calculated by dividing the trended losses and ALAE by the headcount shown in Column (3).

Based on a review of averages, a selected current level loss cost of \$200 per headcount is shown in Line (15). In Column (16), future ultimate losses and ALAE are projected based on the selected loss cost and future expectations regarding trend and exposure growth.

Projected Cash Flow Payments

Exhibit 3 shows the estimated cash flow payments for the Fund. The ultimate losses and ALAE shown on Exhibit 4 are combined with estimated payment patterns to project future expected loss and ALAE payments by accident period. The payment pattern utilized came from the Fund's latest actuarial reserve report as of June 30, 2024.



Projection of Reserve Balance for Future Fund Periods

Exhibit 2, Sheets 1 through 5, outline the methodology to estimate future reserve balances for the fund at year ends June 30, 2025 through June 30, 2029. Estimated future loss and ALAE payments (from Exhibit 3) are combined with estimates of future ultimate losses (from Exhibit 2) to determine outstanding liabilities for the fund at future year ends. ULAE costs were estimated from the Fund's latest actuarial reserve report as of June 30, 2024.

Exhibit 1 provides a summary of the loss payments and reserve balance for years ending June 30, 2025 through June 30, 2029.

Projection Net Position (Surplus) of the Fund

Scenarios 1 through 4 present projections of the net position of the Fund under four different revenue assumptions:

Scenario 1 - No additional income is received through June 30, 2025, and then revenue is reinstated through a combination of member premiums and state contributions as described earlier.

Scenario 2 – Beginning July 1, 2025, The Fund receive state contributions approximately equal to 20% of net tax proceeds (as specified in current legislation), but no additional funding from member premiums.

Scenario 3 – The Fund receives member premiums at the same level as the most recent completed year (i.e., no member premiums) and no additional funding from state contributions.

Scenario 4 – The Fund receives member premiums beginning with Fund year 2025/2026 at a level 5% higher than collected historically. Future year premiums continue to escalate at an annual rate of 5%.

These exhibits also document remaining assumptions regarding future operating expenses and investment income.



Finally, 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 this information upon request.



FUNDING ANALYSIS FOR FISCAL YEARS 2024-2028

STATEMENT OF REVENUE, SUPPORT, EXPENSES AND CHANGE IN NET POSITION

SCENARIO 1: FIVE YEAR PROJECTION

	Values as of Year End:																	
Item	J	une 30, 2021	Ju	ine 30, 2022	Ju	une 30, 2023	Ju	une 30, 2024	Ju	ine 30, 2025	Ju	ine 30, 2026	Ju	ine 30, 2027	Ju	ine 30, 2028	Ju	ine 30, 2029
				Actu	al *	1*							Estimated					
A. OPERATING REVENUE AND SUPPORT																		
A1: Revenue - Member Contributions	\$	7,007,614	\$	6,988,581	\$	542	\$	-	\$	-	\$	-	\$	7,000,000	\$	7,000,000	\$	7,000,000
A2: Support - State of North Carolina Revenue		9,127,639		8,293,058		-		-		-		4,000,000		2,800,000		1,960,000		1,372,000
A3: Net Operating Revenue and Support [(A1) + (A2)	\$	16,135,253	\$	15,281,639	\$	542	\$	-	\$	-	\$	4,000,000	\$	9,800,000	\$	8,960,000	\$	8,372,000
B. OPERATING EXPENSES																		
B1: Losses and Loss Adjustment Expenses																		
Losses and Loss Adjustment Expenses Paid, net	\$	6,983,660	\$	6,490,000	\$	6,790,299	\$	8,630,155	\$	9,004,705	\$	8,830,203	\$	9,166,227	\$	9,396,067	\$	9,693,149
Change in Reserve for Losses and Loss Adjustment Expenses		(2,523,104)		(1,089,988)		1,557,424		(1,688,398)		(70,480)		429,124		368,207		425,886		422,661
Total Losses and Loss Adjustment Expenses	\$	4,460,556	\$	5,400,012	\$	8,347,723	\$	6,941,757	\$	8,934,226	\$	9,259,327	\$	9,534,434	\$	9,821,953	\$	10,115,810
B2: Administrative Services		568,950		572,542		568,726		670,017		203,000		211,120		211,120		211,120		211,120
B3: Agent Commissions B4: Other		416,081 21,250		350,085 22,398		370,362 33,250		361,568 35,250		- 30,000		- 30,000		350,000 30,000		350,000 30,000		350,000 30,000
B5: Total Operating Expenses [(B1) + (B2) + (B3) + (B4)]	ć	5,466,837	ć	6,345,037	ć	9,320,061	ć	8,008,592	ć	9,167,226	ć	9,500,447	ć	10,125,554	ć	10,413,073	ć	10,706,930
$b_2 = b_2 + b_3 + b_4 + b_4 + b_4 + b_5 + b_5 + b_4 $	Ş	3,400,837	ç	0,343,037	Ş	5,520,001	ç	8,008,392	د	9,107,220	ç	9,300,447	<i>ڊ</i>	10,125,554	ç	10,413,073	ç	10,700,930
C. OPERATING INCOME [(A3) + (B5)]	\$	10,668,416	\$	8,936,602	\$	(9,319,519)	\$	(8,008,592)	\$	(9,167,226)	\$	(5,500,447)	\$	(325,554)	\$	(1,453,073)	\$	(2,334,930)
D. NONOPERATING INCOME																		
D1: Investment Income	\$	137,404	\$	(1,724,185)	\$	1,108,886	\$	1,651,780	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000
E. CHANGE IN NET POSITION [(C) + (D1)]	\$	10,805,820	\$	7,212,417	\$	(8,210,633)	\$	(6,356,812)	\$	(8,167,226)	\$	(4,500,447)	\$	674,446	\$	(453,073)	\$	(1,334,930)
F. NET POSITION - Beginning of Year	Ś	35,981,967	Ś	46,787,787	Ś	54,000,204	Ś	45,789,571	Ś	39,432,759	Ś	31,265,533	Ś	26,765,087	Ś	27,439,532	\$	26,986,460
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G. NET POSITION - End of Year [(E) + (F)]	\$	46,787,787	\$	54,000,204	\$	45,789,571	\$	39,432,759	\$	31,265,533	\$	26,765,087	\$	27,439,532	\$	26,986,460	\$	25,651,530

* Based on actual financial statements provided by the Fund through June 30, 2024.

Notes: A3: Beginning July 1, 2025, revenue is reinstated through a combination of member premiums and state contributions. See text for further description.

B1: See Exhibit 1.

B2: Current administrative fees assume a 4% increase after 2025. Claim service fees (ULAE) included in line B1.

B3: Agent commissions are 5% of member contributions in line A1.

B4: Assumes miscellaneous additional expenses of \$30,000 for the next five years.

D1: Assumes investment income of \$1,000,000 for the next five years, based on a minimum of \$1,000,000 or 2% of underlying assets.

F: For 2025, from June 30, 2024 financial statement. Subsequent years = ending net position from the year prior.



FUNDING ANALYSIS FOR FISCAL YEARS 2024-2028

STATEMENT OF REVENUE, SUPPORT, EXPENSES AND CHANGE IN NET POSITION

SCENARIO 2: FUND RECEIVES 20% NET TAX PROCEEDS

									Value									
Item	Ju	une 30, 2021	Ju	ine 30, 2022	Ju	ine 30, 2023	Ju	ine 30, 2024	Ju	ine 30, 2025	June 30, 2026		Ju	ine 30, 2027	Ju	ine 30, 2028	Ju	ine 30, 2029
				Actu	ial *				1					Estimated				
A. OPERATING REVENUE AND SUPPORT																		
A1: Revenue - Member Contributions	\$	7,007,614	\$	6,988,581	\$	542	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
A2: Support - State of North Carolina Revenue		9,127,639		8,293,058		-		-		-		8,710,349		8,710,349		8,571,252		8,663,983
A3: Net Operating Revenue and Support [(A1) + (A2)	\$	16,135,253	\$	15,281,639	\$	542	\$	-	\$	-	\$	8,710,349	\$	8,710,349	\$	8,571,252	\$	8,663,983
B. OPERATING EXPENSES																		
B1: Losses and Loss Adjustment Expenses																		
Losses and Loss Adjustment Expenses Paid, net	\$	6,983,660	\$	6,490,000	\$	6,790,299	\$	8,630,155	\$	9,004,705	\$	8,830,203	\$	9,166,227	\$	9,396,067	\$	9,693,149
Change in Reserve for Losses and Loss Adjustment Expenses	<u> </u>	(2,523,104)	<u> </u>	(1,089,988)		1,557,424	<u> </u>	(1,688,398)	<u> </u>	(70,480)		429,124	-	368,207	<u> </u>	425,886		422,661
Total Losses and Loss Adjustment Expenses	Ş	4,460,556	Ş	5,400,012	Ş	8,347,723	Ş	6,941,757	Ş	8,934,226	Ş	9,259,327	Ş	9,534,434	\$	9,821,953	Ş	10,115,810
B2: Administrative Services		568,950		572,542		568,726		670,017		203,000		211,120		211,120		211,120		211,120
B3: Agent Commissions B4: Other		416,081 21,250		350,085 22,398		370,362 33,250		361,568 35,250		- 30,000		- 30,000		- 30,000		- 30,000		- 30,000
B5: Total Operating Expenses [(B1) + (B2) + (B3) + (B4)]	\$	5,466,837	\$	6,345,037	\$	9,320,061	\$	8,008,592	\$	9,167,226	\$	9,500,447	\$	9,775,554	\$	10,063,073	\$	10,356,930
C. OPERATING INCOME [(A3) + (B5)]	\$	10,668,416	\$	8,936,602	\$	(9,319,519)	\$	(8,008,592)	\$	(9,167,226)	\$	(790,098)	\$	(1,065,206)	\$	(1,491,821)	\$	(1,692,947)
D. NONOPERATING INCOME																		
D1: Investment Income	\$	137,404	\$	(1,724,185)	\$	1,108,886	\$	1,651,780	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000
E. CHANGE IN NET POSITION [(C) + (D1)]	\$	10,805,820	\$	7,212,417	\$	(8,210,633)	\$	(6,356,812)	\$	(8,167,226)	\$	209,902	\$	(65,206)	\$	(491,821)	\$	(692,947)
F. NET POSITION - Beginning of Year	\$	35,981,967	\$	46,787,787	\$	54,000,204	\$	45,789,571	\$	39,432,759	\$	31,265,533	\$	31,475,435	\$	31,410,229	\$	30,918,409
G. NET POSITION - End of Year [(E) + (F)]	\$	46,787,787	\$	54,000,204	\$	45,789,571	\$	39,432,759	\$	31,265,533	\$	31,475,435	\$	31,410,229	\$	30,918,409	\$	30,225,461

* Based on actual financial statements provided by the Fund through June 30, 2024.

Notes: A1: No additional funding from member premiums.

A2: Represents a rolling average of three prior years funding (excluding years with zero contributions) assuming the 20% tax rate stays in effect. Note that effective July 1, 2025 the statute provides for a rate of 10% of net proceeds. B1: See Exhibit 1.

B2: Current administrative fees assume a 4% increase after 2025. Claim service fees (ULAE) included in line B1.

B3: Agent commissions are 5% of member contributions in line A1.

B4: Assumes miscellaneous additional expenses of \$30,000 for the next five years.

D1: Assumes investment income of \$1,000,000 for the next five years, based on a minimum of \$1,000,000 or 2% of underlying assets.

F: For 2025, from June 30, 2024 financial statement. Subsequent years = ending net position from the year prior.



FUNDING ANALYSIS FOR FISCAL YEARS 2024-2028

STATEMENT OF REVENUE, SUPPORT, EXPENSES AND CHANGE IN NET POSITION

SCENARIO 3: MEMBER PREMIMS DO NOT CHANGE FROM PRIOR YEAR

	Values as of Year End:																	
Item	J	une 30, 2021	Ju	ine 30, 2022	Ju	une 30, 2023	Ju	une 30, 2024	J	une 30, 2025	Ju	une 30, 2026	Ju	une 30, 2027	Ju	une 30, 2028	Ju	une 30, 2029
				Actu	ial *	*						Estimated						
A. OPERATING REVENUE AND SUPPORT																		
A1: Revenue - Member Contributions	\$	7,007,614	\$	6,988,581	\$	542	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
A2: Support - State of North Carolina Revenue		9,127,639		8,293,058		-		-		-		-		-		-		-
A3: Net Operating Revenue and Support [(A1) + (A2)	\$	16,135,253	\$	15,281,639	\$	542	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
B. OPERATING EXPENSES																		
B1: Losses and Loss Adjustment Expenses																		
Losses and Loss Adjustment Expenses Paid, net	\$	6,983,660	\$	6,490,000	\$	6,790,299	\$	8,630,155	\$	9,004,705	\$	8,830,203	\$	9,166,227	\$	9,396,067	\$	9,693,149
Change in Reserve for Losses and Loss Adjustment Expenses		(2,523,104)		(1,089,988)		1,557,424		(1,688,398)		(70,480)		429,124		368,207		425,886		422,661
Total Losses and Loss Adjustment Expenses	\$	4,460,556	\$	5,400,012	\$	8,347,723	\$	6,941,757	\$	8,934,226	\$	9,259,327	\$	9,534,434	\$	9,821,953	\$	10,115,810
B2: Administrative Services		568,950		572,542		568,726		670,017		203,000		211,120		211,120		211,120		211,120
B3: Agent Commissions B4: Other		416,081 21,250		350,085 22,398		370,362 33,250		361,568 35,250		- 30,000		- 30,000		30,000		30,000		- 30,000
B5: Total Operating Expenses [(B1) + (B2) + (B3) + (B4)]	\$	5,466,837	\$	6,345,037	\$	9,320,061	\$	8,008,592	\$	9,167,226	\$	9,500,447	\$	9,775,554	\$	10,063,073	\$	10,356,930
C. OPERATING INCOME [(A3) + (B5)]	Ş	10,668,416	Ş	8,936,602	Ş	(9,319,519)	Ş	(8,008,592)	\$	(9,167,226)	Ş	(9,500,447)	Ş	(9,775,554)	Ş	(10,063,073)	\$	(10,356,930)
D. NONOPERATING INCOME																		
D1: Investment Income	\$	137,404	\$	(1,724,185)	\$	1,108,886	\$	1,651,780	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000
E. CHANGE IN NET POSITION [(C) + (D1)]	\$	10,805,820	\$	7,212,417	\$	(8,210,633)	\$	(6,356,812)	\$	(8,167,226)	\$	(8,500,447)	\$	(8,775,554)	\$	(9,063,073)	\$	(9,356,930)
F. NET POSITION - Beginning of Year	\$	35,981,967	\$	46,787,787	\$	54,000,204	\$	45,789,571	\$	39,432,759	\$	31,265,533	\$	22,765,087	\$	13,989,532	\$	4,926,460
G. NET POSITION - End of Year [(E) + (F)]	\$	46,787,787	\$	54,000,204	\$	45,789,571	\$	39,432,759	\$	31,265,533	\$	22,765,087	\$	13,989,532	\$	4,926,460	\$	(4,430,470)

* Based on actual financial statements provided by the Fund through June 30, 2024.

Notes: A1: Assumes no member premiums will be collected after June 30, 2024.

A2: Assumes no additional State revenue after June 30, 2024.

B1: See Exhibit 1.

B2: Current administrative fees assume a 4% increase after 2025. Claim service fees (ULAE) included in line B1.

B3: Agent commissions are 5% of member contributions in line A1.

B4: Assumes miscellaneous additional expenses of \$30,000 for the next five years.

D1: Assumes investment income of \$1,000,000 for the next five years, based on a minimum of \$1,000,000 or 2% of underlying assets.

F: For 2025, from June 30, 2024 financial statement. Subsequent years = ending net position from the year prior.



FUNDING ANALYSIS FOR FISCAL YEARS 2024-2028

STATEMENT OF REVENUE, SUPPORT, EXPENSES AND CHANGE IN NET POSITION

SCENARIO 4: MEMBER PREMIUMS INCREASE 5% ANNUALLY EFFECTIVE JULY 1, 2025

									Value	s as of Year End:								
ltem	Ju	une 30, 2021	June 30, 2022		Ju	ine 30, 2023	Ju	ine 30, 2024	Ju	ine 30, 2025	June 30, 2026		Ju	ne 30, 2027	Ju	ine 30, 2028	Ju	ne 30, 2029
				Actu	ial *				1					Estimated				
A. OPERATING REVENUE AND SUPPORT																		
A1: Revenue - Member Contributions	\$	7,007,614	\$	6,988,581	\$	542	\$	-	\$	-	\$	7,350,000	\$	7,717,500	\$	8,103,375	\$	8,508,544
A2: Support - State of North Carolina Revenue		9,127,639		8,293,058		-		-		-		-		-		-		-
A3: Net Operating Revenue and Support [(A1) + (A2)	\$	16,135,253	\$	15,281,639	\$	542	\$	-	\$	-	\$	7,350,000	\$	7,717,500	\$	8,103,375	\$	8,508,544
B. OPERATING EXPENSES																		
B1: Losses and Loss Adjustment Expenses																		
Losses and Loss Adjustment Expenses Paid, net	\$	6,983,660	\$	6,490,000	\$	6,790,299	\$	8,630,155	\$	9,004,705	\$	8,830,203	\$	9,166,227	\$	9,396,067	\$	9,693,149
Change in Reserve for Losses and Loss Adjustment Expenses		(2,523,104)		(1,089,988)		1,557,424		(1,688,398)		(70,480)		429,124		368,207	<u> </u>	425,886		422,661
Total Losses and Loss Adjustment Expenses	\$	4,460,556	\$	5,400,012	\$	8,347,723	\$	6,941,757	\$	8,934,226	\$	9,259,327	\$	9,534,434	\$	9,821,953	\$	10,115,810
B2: Administrative Services		568,950		572,542		568,726		670,017		203,000		211,120		211,120		211,120		211,120
B3: Agent Commissions B4: Other		416,081 21,250		350,085 22,398		370,362 33,250		361,568 35,250		- 30,000		367,500 30,000		385,875 30,000		405,169 30,000		425,427 30,000
B5: Total Operating Expenses [(B1) + (B2) + (B3) + (B4)]	\$	5,466,837	\$	6,345,037	\$	9,320,061	\$	8,008,592	\$	9,167,226	\$	9,867,947	\$	10,161,429	\$	10,468,241	\$	10,782,357
C. OPERATING INCOME [(A3) + (B5)]	ć	10,668,416	Ś	8,936,602	ć	(9,319,519)	ć	(8,008,592)	Ś	(9,167,226)	ć	(2,517,947)	ć	(2,443,929)	ć	(2,364,866)	\$	(2,273,814)
C. OPERATING INCOME [(A3) + (B5)]	Ş	10,668,416	Ş	8,936,602	Ş	(9,319,519)	Ş	(8,008,592)	Ş	(9,167,226)	Ş	(2,517,947)	Ş	(2,443,929)	Ş	(2,364,866)	Ş	(2,273,814)
D. NONOPERATING INCOME																		
D1: Investment Income	\$	137,404	\$	(1,724,185)	\$	1,108,886	\$	1,651,780	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000	\$	1,000,000
E. CHANGE IN NET POSITION [(C) + (D1)]	\$	10,805,820	\$	7,212,417	\$	(8,210,633)	\$	(6,356,812)	\$	(8,167,226)	\$	(1,517,947)	\$	(1,443,929)	\$	(1,364,866)	\$	(1,273,814)
F. NET POSITION - Beginning of Year	Ś	35,981,967	Ś	46,787,787	Ś	54,000,204	Ś	45,789,571	Ś	39,432,759	\$	31,265,533	\$	29,747,587	Ś	28,303,657	\$	26,938,791
	Ý	-5,551,557	Ý		Ŷ	2 .,000,204	Ý		, r		4	- 1,200,000	4		Ŷ	_3,000,007	Ŷ	
G. NET POSITION - End of Year [(E) + (F)]	\$	46,787,787	\$	54,000,204	\$	45,789,571	\$	39,432,759	\$	31,265,533	\$	29,747,587	\$	28,303,657	\$	26,938,791	\$	25,664,978

* Based on actual financial statements provided by the Fund through June 30, 2024.

Notes: A1: Beginning July 1, 2025, assumes member premiums increase 5% annually from prior year. 2025/2026 assumes a 5% increase over average contribution of \$7,000,000

A2: Assumes no additional State revenue after June 30, 2023.

B1: See Exhibit 1.

B2: Current administrative fees assume a 4% increase after 2025. Claim service fees (ULAE) included in line B1.

B3: Agent commissions are 5% of member contributions in line A1.

B4: Assumes miscellaneous additional expenses of \$30,000 for the next five years.

D1: Assumes investment income of \$1,000,000 for the next five years, based on a minimum of \$1,000,000 or 2% of underlying assets.

F: For 2025, from June 30, 2024 financial statement. Subsequent years = ending net position from the year prior.



FUNDING ANALYSIS FOR FISCAL YEARS 2025-2029

STATEMENT OF LOSS AND LOSS ADJUSTMENT EXPENSES

Item	Ju	ine 30, 2025	Ju	ine 30, 2026	Ju	une 30, 2027	Ju	une 30, 2028	Ju	une 30, 2029
						Estimated				
 Losses and Allocated Loss Adjustment Expenses Paid, net (a) Unallocated Loss Adjustment Expenses Paid (b) 	\$	8,700,205 304,500	\$	8,513,523 316,680	\$	8,849,547 316,680	\$	9,079,387 316,680	\$	9,376,469 316,680
(3) Losses and Loss Adjustment Expenses Paid, net[(1) + (2)]	\$	9,004,705	\$	8,830,203	\$	9,166,227	\$	9,396,067	\$	9,693,149
(4) Beginning Loss and ALAE Reserve (c)	\$	18,892,044	\$	18,851,208	\$	19,265,820	\$	19,621,576	\$	20,033,060
(5) Beginning ULAE Reserve (c)(6) Ending Loss and ALAE Reserve (c)(7) Ending ULAE Reserve (c)		689,436 18,851,208 659,792		659,792 19,265,820 674,304		674,304 19,621,576 686,755		686,755 20,033,060 701,157		701,157 20,441,428 715,450
 (8) Change in Reserve for Losses and Loss Adjustment Expenses [(6) + (7) - (4) - (5)] 	\$	(70,480)	\$	429,124	\$	368,207	\$	425,886	\$	422,661

Note: (a) See Exhibit 2.

(b) Based on a discussion with the State.

(c) Beginning reserves at 6/30/2024 provided by the State. Remaining figures from Exhibit 2.



EXHIBIT 1

FUNDING ANALYSIS FOR FISCAL YEARS 2025-2029

Accident Period	Selected Ultimate Losses and ALAE (a)	b	Paid Losses and ALAE tw 7/1/24 6/30/25 (b)		Paid Losses and ALAE as of 6/30/24 (c)		Paid Losses and ALAE as of 6/30/25 (d)	Ur	Estimated npaid Losses and ALAE as of 5/30/25 (e)
(1)	(2)		(3)		(4)		(5)		(6)
(1)	(2)		(3)		(4)		(5)		(0)
7/1/2002 - 6/30/2003	\$ 4,846,890	\$	-	\$	4,846,890	\$	4,846,890	\$	(0)
7/1/2003 - 6/30/2004	5,614,040	Ŧ	-	Ŧ	5,614,040	Ŧ	5,614,040	Ŧ	0
7/1/2004 - 6/30/2005	5,087,000		15,029		5,011,256		5,026,284		60,716
7/1/2005 - 6/30/2006	5,787,570		-		5,787,570		5,787,570		(0)
7/1/2006 - 6/30/2007	6,885,043		-		6,885,043		6,885,043		(0)
7/1/2007 - 6/30/2008	7,804,000		-		7,664,424		7,664,424		139,576
7/1/2008 - 6/30/2009	6,569,031		-		6,569,031		6,569,031		0
7/1/2009 - 6/30/2010	9,032,112		(987)		9,039,101		9,038,114		(6,002)
7/1/2010 - 6/30/2011	10,830,000		71,916		10,629,461		10,701,377		128,623
7/1/2011 - 6/30/2012	9,098,737		-		9,098,737		9,098,737		(0)
7/1/2012 - 6/30/2013	7,714,000		82,038		7,347,836		7,429,875		284,125
7/1/2013 - 6/30/2014	6,360,160		(74)		6,360,610		6,360,536		(376)
7/1/2014 - 6/30/2015	6,313,000		33,618		6,093,990		6,127,608		185,392
7/1/2015 - 6/30/2016	7,747,000		123,326		6,887,466		7,010,792		736,208
7/1/2016 - 6/30/2017	5,285,807		-		5,285,807		5,285,807		0
7/1/2017 - 6/30/2018	9,885,000		85,449		9,104,213		9,189,661		695,339
7/1/2018 - 6/30/2019	5,241,000		64,368		4,577,525		4,641,893		599,107
7/1/2019 - 6/30/2020	10,228,000		767,511		7,613,344		8,380,856		1,847,144
7/1/2020 - 6/30/2021	6,886,000		225,189		5,847,979		6,073,167		812,833
7/1/2021 - 6/30/2022	8,238,000		687,626		5,791,427		6,479,053		1,758,947
7/1/2022 - 6/30/2023	8,458,000		1,834,933		4,012,468		5,847,402		2,610,598
7/1/2023 - 6/30/2024	7,861,000		2,550,818		2,811,128		5,361,947		2,499,053
7/1/2024 - 6/30/2025	8,659,369		2,159,444		-		2,159,444		6,499,925
Total	\$ 170,430,759	\$	8,700,205	\$	142,879,346	\$	151,579,551	\$	18,851,208
(7) ULAE Reserves as a	a % of Loss and A	LAE I	Reserve (f)						3.5%
(8) ULAE Reserves [(6	b) Total × (7)]							\$	659,792

ESTIMATED RESERVES AS OF JUNE 30, 2025

Notes: (a) From the Fund's June 30, 2024 reserve study through 6/30/2024 Beginning July 1, 2024 and subsequent, see Exhibit 4.

- (b) See Exhibit 3, Sheet 1, Column (3).
- (c) Provided by the State. Losses are net of excess insurance.

(d) [(3) + (4)]

(e) [(2)-(5)]



FUNDING ANALYSIS FOR FISCAL YEARS 2025-2029

	Selected Ultimate	Est Paid Losses and ALAE	Paid Losses and ALAE	Paid Losses and ALAE	Estimated Unpaid Losses and ALAE
Accident	Losses and	btw 7/1/25	as of	as of	as of
Period	ALAE (a)	and 6/30/26 (b)	6/30/25 (c)	6/30/26 (d)	6/30/26 (e)
(1)	(2)	(3)	(4)	(5)	(6)
7/1/2002 - 6/30/2003	\$ 4,846,890	\$-	\$ 4,846,890	\$ 4,846,890	\$ (0)
7/1/2003 - 6/30/2004	5,614,040	-	5,614,040	5,614,040	0
7/1/2004 - 6/30/2005	5,087,000	60,716	5,026,284	5,087,000	-
7/1/2005 - 6/30/2006	5,787 <i>,</i> 570	-	5,787,570	5,787,570	(0)
7/1/2006 - 6/30/2007	6,885,043	-	6,885,043	6,885,043	(0)
7/1/2007 - 6/30/2008	7,804,000	-	7,664,424	7,664,424	139,576
7/1/2008 - 6/30/2009	6,569,031	-	6,569,031	6,569,031	0
7/1/2009 - 6/30/2010	9,032,112	(990)	9,038,114	9,037,124	(5,012)
7/1/2010 - 6/30/2011	10,830,000	18,157	10,701,377	10,719,534	110,466
7/1/2011 - 6/30/2012	9,098,737	-	9,098,737	9,098,737	(0)
7/1/2012 - 6/30/2013	7,714,000	74,136	7,429,875	7,504,011	209,989
7/1/2013 - 6/30/2014	6,360,160	(84)	6,360,536	6,360,452	(292)
7/1/2014 - 6/30/2015	6,313,000	30,372	6,127,608	6,157,980	155,020
7/1/2015 - 6/30/2016	7,747,000	113,008	7,010,792	7,123,800	623,200
7/1/2016 - 6/30/2017	5,285,807	-	5,285,807	5,285,807	0
7/1/2017 - 6/30/2018	9,885,000	78,275	9,189,661	9,267,936	617,064
7/1/2018 - 6/30/2019	5,241,000	65,566	4,641,893	4,707,459	533,541
7/1/2019 - 6/30/2020	10,228,000	179,204	8,380,856	8,560,060	1,667,940
7/1/2020 - 6/30/2021	6,886,000	238,601	6,073,167	6,311,768	574,232
7/1/2021 - 6/30/2022	8,238,000	381,586	6,479,053	6,860,639	1,377,361
7/1/2022 - 6/30/2023	8,458,000	733,726	5,847,402	6,581,128	1,876,872
7/1/2023 - 6/30/2024	7,861,000	1,031,507	5,361,947	6,393,454	1,467,546
7/1/2024 - 6/30/2025	8,659,369	3,283,277	2,159,444	5,442,721	3,216,648
7/1/2025 - 6/30/2026	8,928,137	2,226,468	-	2,226,468	6,701,669
Total	\$ 179,358,896	\$ 8,513,523	\$ 151,579,551	\$ 160,093,076	\$ 19,265,820
(7) ULAE Reserves as a	1% of Loss and A	LAE Reserve (f)			3.5%
(8) ULAE Reserves [(6	i) Total × (7)]				\$ 674,304

ESTIMATED RESERVES AS OF JUNE 30, 2026

Notes: (a) From the Fund's June 30, 2024 reserve study through 6/30/2024 Beginning July 1, 2024 and subsequent, see Exhibit 4.

(b) See Exhibit 3, Sheet 1, Column (4).

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

(d) [(3) + (4)]

(e) [(2)-(5)]



FUNDING ANALYSIS FOR FISCAL YEARS 2025-2029

Accident Period	Selected Ultimate Losses and ALAE (a)	Est Paid Losses and ALAE btw 7/1/26 and 6/30/27 (b)	Paid Losses and ALAE as of 6/30/26 (c)	Paid Losses and ALAE as of 6/30/27 (d)	Estimated Unpaid Losses and ALAE as of 6/30/27 (e)
(1)	(2)	(3)	(4)	(5)	(6)
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 7/1/2009 - 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	 \$ 4,846,890 5,614,040 5,087,000 5,787,570 6,885,043 7,804,000 6,569,031 9,032,112 10,830,000 9,098,737 7,714,000 6,360,160 6,313,000 7,747,000 5,285,807 9,885,000 5,241,000 10,228,000 6,886,000 8,238,000 	\$ - - - - - - - - - - - - - - - - - - -	 \$ 4,846,890 5,614,040 5,087,000 5,787,570 6,885,043 7,664,424 6,569,031 9,037,124 10,719,534 9,098,737 7,504,011 6,360,452 6,157,980 7,123,800 5,285,807 9,267,936 4,707,459 8,560,060 6,311,768 6,860,639 	 \$ 4,846,890 5,614,040 5,087,000 5,787,570 6,885,043 7,664,424 6,569,031 9,037,124 10,737,763 9,098,737 7,579,317 6,360,376 6,192,712 7,225,895 5,285,807 9,356,473 4,767,520 8,742,598 6,367,478 7,264,952 	\$ (0) 0 - (0) (0) 139,576 0 (5,012) 92,237 (0) 134,683 (216) 120,288 521,105 0 528,527 473,480 1,485,402 518,522 973,048
7/1/2022 - 6/30/2023	8,458,000	407,169	6,581,128	6,988,297	1,469,703
7/1/2023 - 6/30/2024	7,861,000	412,464	6,393,454	6,805,918	1,055,082
7/1/2024 - 6/30/2025	8,659,369	1,327,700	5,442,721	6,770,421	1,888,948
7/1/2025 - 6/30/2026	8,928,137	3,385,183	2,226,468	5,611,651	3,316,486
7/1/2026 - 6/30/2027	9,205,304	2,295,587	-	2,295,587	6,909,717
Total	\$ 188,564,200	\$ 8,849,547	\$ 160,093,076	\$ 168,942,624	\$ 19,621,576
(7) ULAE Reserves as a	a % of Loss and A	LAE Reserve (f)			3.5%
(8) ULAE Reserves [(6	5) Total × (7)]				\$ 686,755

ESTIMATED RESERVES AS OF JUNE 30, 2027

Notes: (a) From the Fund's June 30, 2024 reserve study through 6/30/2024 Beginning July 1, 2024 and subsequent, see Exhibit 4.

(b) See Exhibit 3, Sheet 1, Column (5).

(c) See Sheet 2, Column (5).

(d) [(3) + (4)]

(e) [(2)-(5)]



FUNDING ANALYSIS FOR FISCAL YEARS 2025-2029

Accident	Selected Ultimate Losses and	Est Paid Losses and ALAE btw 7/1/27	Paid Losses and ALAE as of	Paid Losses and ALAE as of	Estimated Unpaid Losses and ALAE as of
Period	ALAE (a)	and 6/30/28 (b)	6/30/27 (c)	6/30/28 (d)	6/30/28 (e)
(1)	(2)	(3)	(4)	(5)	(6)
7/1/2002 - 6/30/2003	\$ 4,846,890	\$-	\$ 4,846,890	\$ 4,846,890	\$ (0)
7/1/2003 - 6/30/2004	5,614,040	-	5,614,040	5,614,040	0
7/1/2004 - 6/30/2005	5,087,000	-	5,087,000	5,087,000	-
7/1/2005 - 6/30/2006	5,787,570	-	5,787,570	5,787,570	(0)
7/1/2006 - 6/30/2007	6,885,043	-	6,885,043	6,885,043	(0)
7/1/2007 - 6/30/2008	7,804,000	27,694	7,664,424	7,692,118	111,882
7/1/2008 - 6/30/2009	6,569,031	-	6,569,031	6,569,031	0
7/1/2009 - 6/30/2010	9,032,112	-	9,037,124	9,037,124	(5,012)
7/1/2010 - 6/30/2011	10,830,000	-	10,737,763	10,737,763	92,237
7/1/2011 - 6/30/2012	9,098,737	-	9,098,737	9,098,737	(0)
7/1/2012 - 6/30/2013	7,714,000	19,012	7,579,317	7,598,329	115,671
7/1/2013 - 6/30/2014	6,360,160	(77)	6,360,376	6,360,299	(139)
7/1/2014 - 6/30/2015	6,313,000	31,386	6,192,712	6,224,098	88,902
7/1/2015 - 6/30/2016	7,747,000	116,752	7,225,895	7,342,647	404,353
7/1/2016 - 6/30/2017	5,285,807	-	5,285,807	5,285,807	0
7/1/2017 - 6/30/2018	9,885,000	81,129	9,356,473	9,437,602	447,398
7/1/2018 - 6/30/2019	5,241,000	67,935	4,767,520	4,835,455	405,545
7/1/2019 - 6/30/2020	10,228,000	167,212	8,742,598	8,909,810	1,318,190
7/1/2020 - 6/30/2021	6,886,000	56,747	6,367,478	6,424,225	461,775
7/1/2021 - 6/30/2022	8,238,000	94,402	7,264,952	7,359,354	878,646
7/1/2022 - 6/30/2023	8,458,000	431,420	6,988,297	7,419,717	1,038,283
7/1/2023 - 6/30/2024	7,861,000	228,890	6,805,918	7,034,808	826,192
7/1/2024 - 6/30/2025	8,659,369	530,902	6,770,421	7,301,323	1,358,046
7/1/2025 - 6/30/2026	8,928,137	1,368,909	5,611,651	6,980,560	1,947,577
7/1/2026 - 6/30/2027	9,205,304	3,490,273	2,295,587	5,785,860	3,419,444
7/1/2027 - 6/30/2028	9,490,870	2,366,800	-	2,366,800	7,124,070
Total	\$ 198,055,070	\$ 9,079,387	\$ 168,942,624	\$ 178,022,010	\$ 20,033,060
(7) ULAE Reserves as a	a % of Loss and A	LAE Reserve (f)			3.5%
(8) ULAE Reserves [(6	5) Total × (7)]				\$ 701,157

ESTIMATED RESERVES AS OF JUNE 30, 2028

Notes: (a) From the Fund's June 30, 2024 reserve study through 6/30/2024 Beginning July 1, 2024 and subsequent, see Exhibit 4.

(b) See Exhibit 3, Sheet 1, Column (6).

(c) See Sheet 3, Column (5).

(d) [(3) + (4)]

(e) [(2)-(5)]



FUNDING ANALYSIS FOR FISCAL YEARS 2025-2029

Accident Period	Selected Ultimate Losses and ALAE (a)	Est Paid Losses and ALAE btw 7/1/28 and 6/30/29 (b)	Paid Losses and ALAE as of 6/30/28 (c)	Paid Losses and ALAE as of 6/30/29 (d)	Estimated Unpaid Losses and ALAE as of 6/30/29 (e)
(1)	(2)	(3)	(4)	(5)	(6)
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 7/1/2009 - 6/30/2010 7/1/2010 - 6/30/2011 7/1/2011 - 6/30/2013 7/1/2013 - 6/30/2014 7/1/2015 - 6/30/2015 7/1/2015 - 6/30/2018 7/1/2017 - 6/30/2018 7/1/2018 - 6/30/2020	 \$ 4,846,890 5,614,040 5,087,000 5,787,570 6,885,043 7,804,000 6,569,031 9,032,112 10,830,000 9,098,737 7,714,000 6,360,160 6,313,000 7,747,000 5,285,807 9,885,000 5,241,000 10,228,000 	\$ - - - - - - - - - - - - - - - - - - -	 \$ 4,846,890 5,614,040 5,087,000 5,787,570 6,885,043 7,692,118 6,569,031 9,037,124 10,737,763 9,098,737 7,598,329 6,360,299 6,224,098 7,342,647 5,285,807 9,437,602 4,835,455 8,909,810 	 \$ 4,846,890 5,614,040 5,087,000 5,787,570 6,885,043 7,804,000 6,569,031 9,037,124 10,737,763 9,098,737 7,617,417 6,360,279 6,255,980 7,448,153 5,285,807 9,510,896 4,897,706 9,098,944 	\$ (0) 0 - (0) (0) - 0 (5,012) 92,237 (0) 96,583 (119) 57,020 298,847 0 374,104 343,294 1,129,056
7/1/2020 - 6/30/2021 7/1/2021 - 6/30/2022 7/1/2022 - 6/30/2023 7/1/2023 - 6/30/2024	6,886,000 8,238,000 8,458,000 7,861,000	51,982 96,158 100,731 242,522	6,424,225 7,359,354 7,419,717 7,034,808	6,476,207 7,455,512 7,520,448 7,277,330	409,793 782,488 937,552 583,670
7/1/2023 - 6/30/2024 7/1/2024 - 6/30/2025 7/1/2025 - 6/30/2026 7/1/2026 - 6/30/2027 7/1/2027 - 6/30/2028 7/1/2028 - 6/30/2029	8,659,369 8,928,137 9,205,304 9,490,870 9,784,835	294,615 547,380 1,411,406 3,598,548 2,440,108	7,301,323 6,980,560 5,785,860 2,366,800 -	7,595,938 7,527,940 7,197,266 5,965,348 2,440,108	1,063,431 1,400,197 2,008,038 3,525,522 7,344,727
Total	\$ 207,839,905	\$ 9,376,469	\$ 178,022,010	\$ 187,398,477	\$ 20,441,428
(7) ULAE Reserves as a	% of Loss and A	LAE Reserve (f)			3.5%
(8) ULAE Reserves [(6) Total × (7)]				\$ 715,450
		bsequent, see Exh	-	24	

ESTIMATED RESERVES AS OF JUNE 30, 2029

(b) See Exhibit 3, Sheet 1, Column (7).

(c) See Sheet 4, Column (5).

(d) [(3) + (4)]

(e) [(2)-(5)]



FUNDING ANALYSIS FOR FISCAL YEARS 2025-2029

CASH FLOW EXHIBIT

		Total Unpaid osses and					Reserve Payou	t in Pe	riod (b)					
		LAE as of	 7/1/2024 -	7	7/1/2025 -	7/1/2026 -	7/1/2027 -		7/1/2028 -	7	/1/2029 -	7	7/1/2030 -	7/1/2031 -
Accident Period	6/3	80/2024 (a)	 6/30/2025	6	5/30/2026	6/30/2027	 6/30/2028		6/30/2029	e	/30/2030	6	5/30/2031	 6/30/2032
(1)		(2)	 (3)		(4)	 (5)	 (6)		(7)		(8)		(9)	 (10)
7/1/2002 - 6/30/2003	\$	-	\$ -	\$	-	\$ -	\$ -	\$	-	\$	-	\$	-	\$ -
7/1/2003 - 6/30/2004		-	-		-	-	-		-		-		-	-
7/1/2004 - 6/30/2005		75,744	15,029		60,716	-	-		-		-		-	-
7/1/2005 - 6/30/2006		-	-		-	-	-		-		-		-	-
7/1/2006 - 6/30/2007		-	-		-	-	-		-		-		-	-
7/1/2007 - 6/30/2008		139,576	-		-	-	27,694		111,882		-		-	-
7/1/2008 - 6/30/2009		-	-		-	-	-		-		-		-	-
7/1/2009 - 6/30/2010		(6,989)	(987)		(990)	-	-		-		(994)		(4,017)	-
7/1/2010 - 6/30/2011		200,539	71,916		18,157	18,229	-		-		-		18,301	73,936
7/1/2011 - 6/30/2012		-	-		-	-	-		-		-		-	-
7/1/2012 - 6/30/2013		366,164	82,038		74,136	75,306	19,012		19,088		-		-	-
7/1/2013 - 6/30/2014		(450)	(74)		(84)	(76)	(77)		(20)		(20)		-	-
7/1/2014 - 6/30/2015		219,010	33,618		30,372	34,732	31,386		31,882		8,049		8,081	-
7/1/2015 - 6/30/2016		859,534	123,326		113,008	102,095	116,752		105,506		107,171		27,058	27,165
7/1/2016 - 6/30/2017		-	-		-	-	-		-		-		-	-
7/1/2017 - 6/30/2018		780,787	85,449		78,275	88,537	81,129		73,294		83,817		75,744	76,939
7/1/2018 - 6/30/2019		663,475	64,368		65,566	60,061	67,935		62,251		56,240		64,314	58,119
7/1/2019 - 6/30/2020		2,614,656	767,511		179,204	182,538	167,212		189,134		173,310		156,574	179,053
7/1/2020 - 6/30/2021		1,038,021	225,189		238,601	55,710	56,747		51,982		58,797		53,878	48,675
7/1/2021 - 6/30/2022		2,446,573	687,626		381,586	404,313	94,402		96,158		88,085		99,633	91,297
7/1/2022 - 6/30/2023		4,445,532	1,834,933		733,726	407,169	431,420		100,731		102,605		93,990	106,313
7/1/2023 - 6/30/2024		5,049,872	2,550,818		1,031,507	412,464	228,890		242,522		56,626		57,679	52,837
7/1/2024 - 6/30/2025		8,659,369	2,159,444		3,283,277	1,327,700	530,902		294,615		312,162		72,886	74,242
7/1/2025 - 6/30/2026		8,928,137	-		2,226,468	3,385,183	1,368,909		547,380		303,759		321,851	75,148
7/1/2026 - 6/30/2027		9,205,304	-		-	2,295,587	3,490,273		1,411,406		564,373		313,189	331,842
7/1/2027 - 6/30/2028		9,490,870	-		-	-	2,366,800		3,598,548		1,455,191		581,880	322,905
7/1/2028 - 6/30/2029		9,784,835	-		-	-	-		2,440,108		3,710,008		1,500,263	599,903
Total	\$	64,960,559	\$ 8,700,205	\$	8,513,523	\$ 8,849,547	\$ 9,079,387	\$	9,376,469	\$	7,079,178	\$	3,441,303	\$ 2,118,372

Notes: (a) Provided by the State through 06/30/24. Prospective years from Exhibit 4.

(b) Based on payment patterns from Fund's June 30, 2024 reserve study.



EXHIBIT 3 SHEET 1

FUNDING ANALYSIS FOR FISCAL YEARS 2025-2029

CASH FLOW EXHIBIT

	Reserve Payout in Period (b)																	
		7/1/2032 -		7/1/2033 -		7/1/2034 -		7/1/2035 -		7/1/2036 -		7/1/2037 -		7/1/2038 -		7/1/2039 -		7/1/2040 -
Accident Year		6/30/2033		6/30/2034		6/30/2035		6/30/2036		6/30/2037		6/30/2038	(5/30/2039	(6/30/2040	(6/30/2041
(1)		(11)		(12)		(13)		(14)		(15)		(16)		(17)		(18)		(19)
7/1/2002 - 6/30/2003	\$		\$	-	Ś	-	Ś	-	\$	-	Ś	-	Ś	-	Ś	-	\$	-
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		19,163		77,420		-		-		-		-		-		-		-
7/1/2013 - 6/30/2014		-		(20)		(80)		-		-		-		-		-		-
7/1/2014 - 6/30/2015		-		-		8,113		32,777		-		-		-		-		-
7/1/2015 - 6/30/2016		-		-		-		27,272		110,181		-		-		-		-
7/1/2016 - 6/30/2017		-		-		-		-		-		-		-		-		-
7/1/2017 - 6/30/2018		19,425		19,502		-		-		-		19,579		79,099		-		-
7/1/2018 - 6/30/2019		59,036		14,905		14,964		-		-		-		15,023		60,694		-
7/1/2019 - 6/30/2020		161,805		164,359		41,496		41,660		-		-		-		41,825		168,974
7/1/2020 - 6/30/2021		55,663		50,301		51,095		12,900		12,951		-		-		-		13,002
7/1/2021 - 6/30/2022		82,481		94,322		85,237		86,582		21,859		21,946		-		-		-
7/1/2022 - 6/30/2023		97,418		88,010		100,646		90,951		92,386		23,325		23,417		-		-
7/1/2023 - 6/30/2024		59,764		54,763		49,475		56,578		51,128		51,935		13,112		13,164		-
7/1/2024 - 6/30/2025		68,008		76,925		70,488		63,682		72,824		65,809		66,848		16,877		16,944
7/1/2025 - 6/30/2026		76,546		70,119		79,312		72,676		65,658		75,085		67,852		68,923		17,401
7/1/2026 - 6/30/2027		77,481		78,922		72,296		81,774		74,932		67,696		77,415		69,958		71,062
7/1/2027 - 6/30/2028		342,137		79,884		81,371		74,539		84,311		77,257		69,797		79,817		72,129
7/1/2028 - 6/30/2029		332,906		352,734		82,359		83,891		76,848		86,923		79,650		71,958		82,289
Total	\$	1,451,833	\$	1,222,148	\$	736,772	\$	725,282	\$	663,079	\$	489,555	\$	492,214	\$	423,217	\$	441,802

Notes: (a) Provided by the State through 06/30/24. Prospective years from Exhibit 4.

(b) Based on payment patterns from Fund's June 30, 2024 reserve study.



EXHIBIT 3 SHEET 2

FUNDING ANALYSIS FOR FISCAL YEARS 2025-2029

CASH FLOW EXHIBIT

	Reserve Payout in Period (b)																
		7/1/2041 -		7/1/2042 -		7/1/2043 -		7/1/2044 -		7/1/2045 -		7/1/2046 -		7/1/2047 -	7/1/2048 -		/1/2049 -
Accident Year		6/30/2042		6/30/2043		6/30/2044		6/30/2045		6/30/2046		6/30/2047	6	5/30/2048	6/30/2049	6	5/30/2050
(1)		(20)		(21)		(22)		(23)		(24)		(25)		(26)	(27)		(28)
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		52,530		-		-		-		-		-		-	-		-
7/1/2021 - 6/30/2022		22,033		89,013		-		-		-		-		-	-		-
7/1/2022 - 6/30/2023		-		23,510		94,981		-		-		-		-	-		-
7/1/2023 - 6/30/2024		-		-		13,216		53,393		-		-		-	-		-
7/1/2024 - 6/30/2025		-		-		-		17,011		68,725		-		-	-		-
7/1/2025 - 6/30/2026		17,470		-		-		-		17,539		70,858		-	-		-
7/1/2026 - 6/30/2027		17,941		18,012		-		-		-		18,084		73,058	-		-
7/1/2027 - 6/30/2028		73,267		18,498		18,571		-		-		-		18,645	75,324		-
7/1/2028 - 6/30/2029		74,363		75,536		19,071		19,146		-		-		-	19,222		77,657
Total	\$	257,603	\$	224,569	\$	145,839	\$	89,551	\$	86,264	\$	88,942	\$	91,703	\$ 94,546	\$	77,657

Notes: (a) Provided by the State through 06/30/24. Prospective years from Exhibit 4.

(b) Based on payment patterns from Fund's June 30, 2024 reserve study.



EXHIBIT 3 SHEET 3

FUNDING ANALYSIS FOR FISCAL YEARS 2025-2029

ESTIMATED ULTIMATE LOSSES FOR FUTURE FUND YEARS

		Selected		Factor to Adjust	to Current Level	 ndicated
Accident	U	timate Losses		Benefit	Loss Trend	Loss
Period	á	and ALAE (a)	Headcount (b)	Factor (c)	Factor (d)	Rate (e)
(1)		(2)	(3)	(4)	(5)	 (6)
7/1/2002 - 6/30/2003	\$	4,846,890	41,732	1.019	1.899	\$ 224.75
7/1/2003 - 6/30/2004		5,614,040	41,951	1.013	1.842	249.71
7/1/2004 - 6/30/2005		5,087,000	42,539	1.009	1.786	215.50
7/1/2005 - 6/30/2006		5,787,570	42,988	1.008	1.732	235.05
7/1/2006 - 6/30/2007		6,885,043	43,829	1.005	1.680	265.23
7/1/2007 - 6/30/2008		7,804,000	44,480	1.001	1.630	286.27
7/1/2008 - 6/30/2009		6,569,031	45,042	0.999	1.581	230.35
7/1/2009 - 6/30/2010		9,032,112	45,422	0.996	1.533	303.62
7/1/2010 - 6/30/2011		10,830,000	45,860	0.994	1.487	349.05
7/1/2011 - 6/30/2012		9,098,737	43,477	1.006	1.442	303.59
7/1/2012 - 6/30/2013		7,714,000	42,799	1.006	1.399	253.67
7/1/2013 - 6/30/2014		6,360,160	42,787	1.011	1.357	203.93
7/1/2014 - 6/30/2015		6,313,000	42,492	1.020	1.316	199.43
7/1/2015 - 6/30/2016		7,747,000	42,512	1.028	1.277	239.22
7/1/2016 - 6/30/2017		5,285,807	42,882	1.026	1.238	156.57
7/1/2017 - 6/30/2018		9,885,000	43,891	1.023	1.201	276.71
7/1/2018 - 6/30/2019		5,241,000	43,672	1.018	1.165	142.33
7/1/2019 - 6/30/2020		10,228,000	44,739	1.014	1.130	261.95
7/1/2020 - 6/30/2021		6,886,000	44,562	1.008	1.096	170.72
7/1/2021 - 6/30/2022		8,238,000	42,414	1.004	1.063	207.29
7/1/2022 - 6/30/2023		8,458,000	42,024	1.001	1.031	207.71
7/1/2023 - 6/30/2024		7,861,000	41,995	1.000	1.000	187.19
Total	\$	161,771,390	954,089			\$ 235.69
(7) Average All						\$ 234.99
(8) Average Latest 10						204.91
(9) Average Latest 5						206.97
(10) Average Latest 3						200.73
(11) Weighted Average	All					235.69
(12) Weighted Average	Lates	t 10				205.08
(13) Weighted Average	Lates	t 5				207.24
(14) Weighted Average	Lates	t 3				200.75
(15) Selected Current Le	evel Lo	oss Cost				\$ 200.00

Accident Year (1)	 Projected Funding <u>Amount (g)</u> (16)	Projected Headcount (f) (17)	Trend Factor (d) (18)	rr. Level oss Cost (19)
7/1/2024 - 6/30/2025	\$ 8,659,369	41,995	1.031	\$ 200.00
7/1/2025 - 6/30/2026	8,928,137	41,995	1.063	200.00
7/1/2026 - 6/30/2027	9,205,304	41,995	1.096	200.00
7/1/2027 - 6/30/2028	9,490,870	41,995	1.130	200.00
7/1/2028 - 6/30/2029	9,784,835	41,995	1.165	200.00

Notes: (a) Provided by the TPA.

(b) Provided by the State.

(c) Based on NCCI benefit level changes in North Carolina.

(d) Based on an assumed annual loss trend of 3.1%.

(e) [(2) × (4) × (5)] ÷ (3)

(f) Based on an assumed annual exposure trend of 0.0%.

(g) [(17) × (18) × (19)]

