



NORTH CAROLINA
Rate Bureau

4140 Parklake Ave, Ste 320
Raleigh, NC 27612

ncrb.org/ncrb

August 31, 2026

The Honorable Mike Causey
Commissioner
North Carolina Dept. of Insurance
1201 Mail Service Center
Raleigh, NC 27699-1201

Re: Workers Compensation Insurance
2026 Loss Cost Filing

Commissioner Causey:

Pursuant to the provisions of Article 36, Chapter 58 of the General Statutes of North Carolina, enclosed is the filing for workers compensation insurance prospective advisory loss costs, rating values, and miscellaneous values applicable to new and renewal policies becoming effective on or after April 1, 2027.

The enclosed memoranda, exhibits, testimony, and other supporting detail explain the calculations underlying, on average, a decrease of 10.6% from loss costs approved effective April 1, 2026. By industry group, the changes are: Manufacturing 10.4% decrease; Contracting 11.7% decrease; Office & Clerical 12.0% decrease; Goods & Services 9.2% decrease; and Miscellaneous 11.0% decrease. Within each industry group, the change will vary from the average by classification depending upon the volume and character of the particular classification experience.

The advisory loss costs for classifications which contemplate exposure under the United States Longshore and Harbor Workers' Compensation Act ("F" classifications) are also included. Appendix B-V sets forth and explains the calculations which produce an 11.1% decrease from the "F" classification advisory loss costs approved effective April 1, 2026.

The prospective advisory loss costs are based on historical data that have been developed and trended to their ultimate values and, except for loss adjustment expenses which are specifically authorized by statute to be included in the loss costs, include no provision for expenses, dividends, profit, or contingencies.

In addition to the loss cost changes, this filing proposes routine updates to various Experience Rating Plan and Retrospective Rating Plan parameters.

Information and statistical data required pursuant to NCGS §58-36-15 and 11 NCAC 10.1111 are submitted. Additionally, the prefiled testimony of (a) Joanna Biliouris, General Manager — North Carolina Rate Bureau, (b) Brett Foster, FCAS, MAAA — National Council on Compensation Insurance, Inc., and (c) Stephen Koca, FCAS, MAAA — Milliman, Inc. are enclosed.

Subsequent to the approval of the loss costs reference filing, a copy of the approved reference filing will be provided to our member companies.

Sincerely,

A handwritten signature in black ink, appearing to read "Joanna Biliouris". The script is cursive and fluid.

Joanna Biliouris
General Manager

JB:ko
Enclosures

NORTH CAROLINA - LOSS COSTS

SUMMARY

Proposed Effective Date

April 1, 2027

I. Industrial Classifications

Overall Proposed Change in Lost Cost Level

- New and Renewal Policies -10.6%

By Industry Group

Manufacturing -10.4%

Contracting -11.7%

Office and Clerical -12.0%

Goods and Services -9.2%

Miscellaneous -11.0%

Overall -10.6%

II. Federal Classifications

Overall Proposed Change in Lost Cost Level

- New and Renewal Policies -11.1%

III. Summary of Miscellaneous Changes

	<u>Current</u>	<u>Proposed</u>
- USL&HW %	56%	56%
- Experience Rating Split Point	\$26,000	\$26,500
- Experience Rating Premium Eligibility Thresholds		
24-Month Subject Premium	\$15,000	\$16,000
Average Annual Subject Premium	\$7,500	\$8,000

NORTH CAROLINA – LOSS COSTS

TABLE OF CONTENTS

Exhibit I	- Determination of Indicated Loss Cost Level Change
Exhibit II	- Workers Compensation Loss Adjustment Expense Provision
Exhibit III	- Proposed Loss Costs and Rating Values
Exhibit IV	- Update to Experience Rating Premium Eligibility
Appendix A	- Factors Underlying Voluntary Loss Cost and Assigned Risk Rate Level Change
A-I	- Determination of Policy Year On-level Factors
A-II	- Determination of Premium and Losses Developed to an Ultimate Report
A-III	- Policy Year Trend Factors
A-IV	- Carriers Not Included in Policy Year Experience
A-V	- Derivation of Industry Group Differentials
Appendix B	- Derivation of Voluntary Loss Costs
B-I	- Distribution of Loss Cost Level Change to Occupational Classification
B-II	- Individual Classification Experience
B-III	- Adjustments to Obtain Loss Costs
B-IV	- Derivation of Proposed Loss Cost - Code 8810
B-V	- Determination and Distribution of Premium Level Change to "F" Classifications
B-VI	- Calculation of Payroll-Weighted and Percent-Rated Class Codes
Appendix C	- Memoranda for Laws and Assessments
C-I	- Impact Due to Medical Fee Schedule Changes, Effective October 1, 2025 and January 1, 2026
Appendix D	- North Carolina Data Reporting Requirements
Appendix E	- Comparison of 4/1/2026 and 4/1/2027 Loss Costs
Supplemental Material	

NORTH CAROLINA

EXHIBIT I

Determination of Indicated Loss Cost Level Change

Section A - Policy Year 2024 Experience

Premium:

(1) Standard Earned Premium Developed to Ultimate (Appendix A-II)	\$919,133,839
(2) Premium On-level Factor (Appendix A-I)	0.799
(3) Premium Available for Benefit Costs = (1) x (2)	\$734,387,937

Indemnity Benefit Cost:

(4) Limited Indemnity Losses Developed to Ultimate (Appendix A-II)	\$352,295,088
(5) Indemnity Loss On-level Factor (Appendix A-I)	1.000
(6) Factor to Include Loss Adjustment Expenses (Exhibit II)	1.205
(7) Composite Adjustment Factor = (5) x (6)	1.205
(8) Adjusted Limited Indemnity Losses = (4) x (7)	\$424,515,581
(9) Adjusted Limited Indemnity Cost Ratio excluding Trend and Benefits = (8) / (3)	0.578
(10) Factor to Reflect Indemnity Trend (Appendix A-III)	0.844
(11) Projected Limited Indemnity Cost Ratio = (9) x (10)	0.488
(12) Factor to Adjust Indemnity Cost Ratio to an Unlimited Basis (Appendix A-II)	1.013
(13) Projected Indemnity Cost Ratio = (11) x (12)	0.494
(14) Factor to Reflect Proposed Changes in Indemnity Benefits (Appendix C)	1.000
(15) Projected Indemnity Cost Ratio including Benefit Changes = (13) x (14)	0.494

Medical Benefit Cost:

(16) Limited Medical Losses Developed to Ultimate (Appendix A-II)	\$260,065,687
(17) Medical Loss On-level Factor (Appendix A-I)	1.003
(18) Factor to Include Loss Adjustment Expenses (Exhibit II)	1.205
(19) Composite Adjustment Factor = (17) x (18)	1.209
(20) Adjusted Limited Medical Losses = (16) x (19)	\$314,419,416
(21) Adjusted Limited Medical Cost Ratio excluding Trend and Benefits = (20) / (3)	0.428
(22) Factor to Reflect Medical Trend (Appendix A-III)	0.844
(23) Projected Limited Medical Cost Ratio = (21) x (22)	0.361
(24) Factor to Adjust Medical Cost Ratio to an Unlimited Basis (Appendix A-II)	1.013
(25) Projected Medical Cost Ratio = (23) x (24)	0.366
(26) Factor to Reflect Proposed Changes in Medical Benefits (Appendix C)	1.016
(27) Projected Medical Cost Ratio including Benefit Changes = (25) x (26)	0.372

Total Benefit Cost:

(28) Indicated Change Based on Experience, Trend and Benefits = (15) + (27)	0.866
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NORTH CAROLINA

EXHIBIT I

Determination of Indicated Loss Cost Level Change

Section B - Policy Year 2023 Experience

Premium:

(1) Standard Earned Premium Developed to Ultimate (Appendix A-II)	\$945,045,739
(2) Premium On-level Factor (Appendix A-I)	0.733
(3) Premium Available for Benefit Costs = (1) x (2)	\$692,718,527

Indemnity Benefit Cost:

(4) Limited Indemnity Losses Developed to Ultimate (Appendix A-II)	\$361,684,809
(5) Indemnity Loss On-level Factor (Appendix A-I)	1.000
(6) Factor to Include Loss Adjustment Expenses (Exhibit II)	1.205
(7) Composite Adjustment Factor = (5) x (6)	1.205
(8) Adjusted Limited Indemnity Losses = (4) x (7)	\$435,830,195
(9) Adjusted Limited Indemnity Cost Ratio excluding Trend and Benefits = (8) / (3)	0.629
(10) Factor to Reflect Indemnity Trend (Appendix A-III)	0.802
(11) Projected Limited Indemnity Cost Ratio = (9) x (10)	0.504
(12) Factor to Adjust Indemnity Cost Ratio to an Unlimited Basis (Appendix A-II)	1.013
(13) Projected Indemnity Cost Ratio = (11) x (12)	0.511
(14) Factor to Reflect Proposed Changes in Indemnity Benefits (Appendix C)	1.000
(15) Projected Indemnity Cost Ratio including Benefit Changes = (13) x (14)	0.511

Medical Benefit Cost:

(16) Limited Medical Losses Developed to Ultimate (Appendix A-II)	\$283,756,498
(17) Medical Loss On-level Factor (Appendix A-I)	1.009
(18) Factor to Include Loss Adjustment Expenses (Exhibit II)	1.205
(19) Composite Adjustment Factor = (17) x (18)	1.216
(20) Adjusted Limited Medical Losses = (16) x (19)	\$345,047,902
(21) Adjusted Limited Medical Cost Ratio excluding Trend and Benefits = (20) / (3)	0.498
(22) Factor to Reflect Medical Trend (Appendix A-III)	0.802
(23) Projected Limited Medical Cost Ratio = (21) x (22)	0.399
(24) Factor to Adjust Medical Cost Ratio to an Unlimited Basis (Appendix A-II)	1.013
(25) Projected Medical Cost Ratio = (23) x (24)	0.404
(26) Factor to Reflect Proposed Changes in Medical Benefits (Appendix C)	1.016
(27) Projected Medical Cost Ratio including Benefit Changes = (25) x (26)	0.410

Total Benefit Cost:

(28) Indicated Change Based on Experience, Trend and Benefits = (15) + (27)	0.921
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NORTH CAROLINA

EXHIBIT I

Determination of Indicated Loss Cost Level Change

Section C - Indicated Change Based on Experience, Trend, and Benefits

(1) Policy Year 2024 Indicated Change Based on Experience, Trend, and Benefits	0.866 (-13.4%)
(2) Policy Year 2023 Indicated Change Based on Experience, Trend, and Benefits	0.921 (-7.9%)
(3) Indicated Change Based on Experience, Trend, and Benefits* = [(1) + (2)] / 2	0.894 (-10.6%)

* The weight applied to each loss ratio in the experience period does not vary by year.

Section D - Distribution of Overall Loss Cost Level Change to Industry Groups

Industry Group Differentials (Appendix A-V):

Manufacturing	1.002
Contracting	0.988
Office & Clerical	0.984
Goods & Services	1.016
Miscellaneous	0.996

Applying these industry group differentials to the final overall loss cost level change produces the changes in loss cost level proposed for each group as shown:

Industry Group	(1) Final Overall Loss Cost Level Change	(2) Industry Group Differential	(3) = (1) x (2) Final Loss Cost Level Change by Industry Group	
Manufacturing	0.894	1.002	0.896	(-10.4%)
Contracting	0.894	0.988	0.883	(-11.7%)
Office & Clerical	0.894	0.984	0.880	(-12.0%)
Goods & Services	0.894	1.016	0.908	(-9.2%)
Miscellaneous	0.894	0.996	0.890	(-11.0%)
Overall	0.894	1.000	0.894	(-10.6%)

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Loss Adjustment Expense Provision

	<u>Current Provision</u>	<u>Selected Provision</u>
Loss Adjustment Expense (See Exhibit II-A, Sheet 1)	20.0%	20.5%

North Carolina

Derivation of Loss Adjustment Expense Provision

(1) Calendar/ Accident Year	(2) Calendar Year LAE Ratio*	(3) Accident Year Developed AOE Ratio+	(4) Policy Year	(5) Policy Year Developed DCCE Ratio^
2021	18.2%	10.0%	2020	9.9%
2022	23.2%	9.7%	2021	9.9%
2023	21.8%	9.7%	2022	10.5%
2024	20.3%	9.8%	2023	10.5%
2025	24.9%	10.1%	2024	11.3%
Current North Carolina Loss Adjustment Expense Provision				20.0%
Selected North Carolina Loss Adjustment Expense Provision				20.5%

* Source: NCCI Call for Calendar Year Expense (Financial Call 14)

+ Source: NCCI Call for Loss Adjustment Expense (See Exhibit II-A, Sheets 3-5)

^ Exhibit II-A, Sheet 2.

North Carolina

Selection of DCCE Provision

	(1)	(2)	(3)
Policy Year	Reported Ratio of Paid DCCE to Paid Losses	Age to Ultimate Development Factor	Ultimate DCCE Ratio (1) x (2)
2020	9.9%	0.995	9.9%
2021	10.0%	0.994	9.9%
2022	10.7%	0.984	10.5%
2023	10.6%	0.990	10.5%
2024	10.9%	1.034	11.3%

Summary of Paid DCCE to Paid Loss Ratio Development Factors

	(1) DCCE Ratio Development	(2)
Report	To Next Report	To Ultimate
1st	1.044	1.034
2nd	1.006	0.990
3rd	0.990	0.984
4th	0.999	0.994
5th	1.000	0.995
6th	1.000	0.995
7th	0.997	0.995
8th	0.998	0.998
9th	1.000	1.000
10th	1.002	1.000
11th	1.002	0.998
12th	1.000	0.996
13th	0.998	0.996
14th	1.000	0.998
15th	0.998	0.998
16th	1.000	1.000
17th	1.000	1.000
18th	1.000	1.000
19th		1.000*

(1) Selected two-year average

(2) = Cumulative upward product of column (1)

* Selection

North Carolina

Ultimate AOE Ratios

Accident Year	Ultimate AOE Ratio Based on Paid Data	Ultimate AOE Ratio Based on Incurred Data	Ultimate AOE Ratio Based on Avg. of Paid and Incurred Data
2019	9.7%	9.8%	9.8%
2020	10.5%	10.2%	10.4%
2021	9.9%	10.0%	10.0%
2022	9.6%	9.7%	9.7%
2023	9.7%	9.7%	9.7%
2024	9.7%	9.9%	9.8%
2025	9.9%	10.2%	10.1%

North Carolina

Calculation of Ultimate AOE Ratios—Paid Data

	(1)	(2)	(3)=(1)x(2)	(4)	(5)	(6)=(4)x(5)	(7)
Accident	Paid AOE	Cumulative	Estimated	Paid Losses	Cumulative	Estimated	10th Report-
Year	at Current	Paid AOE	Paid AOE	at Current	Paid Loss	Paid Losses	to-Ultimate
	Report	Development	Developed to a	Report	Development	Developed to a	Paid AOE
		Factors	10th Report		Factors	10th Report	Ratio Tail Factor
2019	2,301,521,528	1.041	2,395,883,911	18,117,739,363	1.049	19,005,508,592	0.98
2020	2,129,451,730	1.070	2,278,513,351	15,873,303,476	1.082	17,174,914,361	0.98
2021	2,138,597,852	1.107	2,367,427,822	16,403,778,437	1.134	18,601,884,748	0.98
2022	2,146,891,619	1.165	2,501,128,736	16,662,004,046	1.220	20,327,644,936	0.98
2023	2,067,317,104	1.258	2,600,684,917	15,031,401,260	1.394	20,953,773,356	0.98
2024	1,822,447,188	1.461	2,662,595,342	11,753,053,067	1.826	21,461,074,900	0.98
2025	1,212,507,538	2.256	2,735,417,006	5,202,944,498	4.105	21,358,087,164	0.98

	(8)=(3)/(6)x(7)	(9)	(10)	(11)	(12)	(13)=[(8)+(9)]x(10)x(11)/[1-(12)]
Accident	Estimated	Adjustment to	Adjustment for	Adjustment to	Percentage of	Estimated
Year	Ultimate AOE	Reverse AOE	Losses	Convert Losses	COVID-19 Related	Ultimate AOE
	Ratio Before	Credits	Associated with	From Net to Gross	Losses to	Ratio After
	Adjustments		TPA Agreements	of Deductible	Total Losses	Adjustments
2019	12.3%	0.011	1.034	0.70	-	9.7%
2020	13.0%	0.012	1.036	0.70	2.1%	10.5%
2021	12.4%	0.012	1.032	0.70	0.8%	9.9%
2022	12.1%	0.012	1.031	0.70	0.1%	9.6%
2023	12.2%	0.012	1.031	0.70	0.0%	9.7%
2024	12.2%	0.012	1.033	0.70	-	9.7%
2025	12.5%	0.011	1.035	0.70	-	9.9%

North Carolina

Calculation of Ultimate AOE Ratios—Incurred Data

	(1)	(2)	(3)=(1)x(2)	(4)	(5)	(6)=(4)x(5)	(7)
Accident	Incurred AOE	Cumulative	Estimated	Incurred Losses	Cumulative	Estimated	10th Report-
Year	at Current	Incurred AOE	Incurred AOE	at Current	Incurred Loss	Incurred Losses	to-Ultimate
	Report	Development	Developed to a	Report	Development	Developed to a	Incurred AOE
		Factors	10th Report		Factors	10th Report	Ratio Tail Factor
2019	2,530,266,733	1.008	2,550,508,867	22,489,835,271	0.965	21,702,691,037	1.05
2020	2,362,222,449	1.009	2,383,482,451	21,000,098,495	0.948	19,908,093,373	1.05
2021	2,473,250,284	1.005	2,485,616,535	22,618,339,044	0.926	20,944,581,955	1.05
2022	2,606,081,603	1.006	2,621,718,093	24,743,753,792	0.908	22,467,328,443	1.05
2023	2,685,345,829	1.003	2,693,401,866	25,780,244,876	0.891	22,970,198,185	1.05
2024	2,656,084,709	1.018	2,703,894,234	25,956,070,451	0.878	22,789,429,856	1.05
2025	2,627,275,761	1.053	2,766,521,376	25,498,049,743	0.878	22,387,287,674	1.05

	(8)=(3)/(6)x(7)	(9)	(10)	(11)	(12)	(13)=[(8)+(9)]x(10)x(11)/[1-(12)]
Accident	Estimated	Adjustment to	Adjustment for	Adjustment to	Percentage of	Estimated
Year	Ultimate AOE	Reverse AOE	Losses	Convert Losses	COVID-19-Related	Ultimate AOE
	Ratio Before	Credits	Associated with	From Net to Gross	Losses to	Ratio After
	Adjustments		TPA Agreements	of Deductible	Total Losses	Adjustments
2019	12.4%	0.011	1.034	0.70	-	9.8%
2020	12.6%	0.012	1.036	0.70	2.1%	10.2%
2021	12.5%	0.012	1.032	0.70	0.8%	10.0%
2022	12.3%	0.012	1.031	0.70	0.1%	9.7%
2023	12.3%	0.012	1.031	0.70	0.0%	9.7%
2024	12.5%	0.012	1.033	0.70	-	9.9%
2025	13.0%	0.011	1.035	0.70	-	10.2%

ADVISORY LOSS COSTS - NOT RATES**NORTH CAROLINA**

Advisory loss costs exclude all expense provisions except loss adjustment expense.

Exhibit III

Page S1

Effective April 1, 2027

CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO
0005	0.937	0.756	0.43	2089	0.803	0.640	0.43	2881	0.967	0.830	0.47
0008	0.828	0.667	0.43	2095	0.912	0.702	0.40	2883	1.115	0.896	0.43
0016	1.430	0.987	0.36	2105	1.370	1.179	0.47	2915	1.044	0.716	0.36
0034	1.087	0.838	0.40	2110	1.172	0.942	0.43	2916	1.148	0.788	0.36
0035	0.945	0.739	0.40	2111	0.756	0.602	0.43	2923	0.534	0.460	0.47
0036	1.405	1.122	0.43	2112	1.439	1.153	0.43	2960	1.600	1.230	0.40
0037	1.291	0.887	0.36	2114	0.765	0.659	0.47	3004	0.509	0.323	0.33
0042	1.351	1.042	0.40	2121	0.505	0.436	0.47	3018	0.989	0.628	0.33
0050	1.834	1.259	0.36	2130	0.761	0.589	0.40	3022	1.295	1.037	0.43
0059	—	—	—	2131	0.682	0.545	0.43	3027	0.781	0.533	0.36
0065	—	—	—	2143	0.807	0.693	0.47	3028	1.133	0.778	0.36
0066	—	—	—	2157	1.484	1.178	0.43	3030	1.393	0.955	0.36
0067	—	—	—	2172	0.713	0.487	0.36	3040	1.393	1.071	0.40
0079	0.748	0.579	0.40	2174	1.186	0.960	0.43	3041	1.213	0.933	0.40
0083	1.510	1.170	0.40	2211	2.717	1.865	0.36	3042	0.841	0.647	0.40
0106	3.658	2.328	0.33	2220	0.992	0.766	0.40	3064	1.070	0.828	0.40
0113	1.165	0.937	0.43	2288	1.571	1.266	0.43	3076	0.834	0.667	0.43
0170	0.893	0.715	0.43	2302	0.667	0.517	0.40	3081	1.186	0.912	0.40
0251	1.624	1.258	0.40	2305	0.979	0.672	0.36	3082	1.407	0.966	0.36
0401	2.408	1.532	0.33	2361	0.745	0.581	0.40	3085	1.785	1.385	0.40
0771N	0.148	—	—	2362	0.986	0.791	0.43	3110	1.175	0.907	0.40
0908P	55.000	42.542	0.40	2380	0.860	0.692	0.43	3111	0.889	0.715	0.43
0913P	157.000	120.894	0.40	2388	0.444	0.383	0.47	3113	0.591	0.456	0.40
0917	1.026	0.879	0.47	2402	0.777	0.534	0.36	3114	0.799	0.620	0.40
1005	2.209	1.242	0.31	2413	0.823	0.637	0.40	3118	0.628	0.541	0.47
1164	1.422	0.809	0.31	2416	0.974	0.785	0.43	3119	0.250	0.226	0.50
1165X	1.073	0.609	0.31	2417	0.505	0.407	0.43	3122	0.697	0.598	0.47
1320	0.762	0.480	0.33	2501	0.785	0.631	0.43	3126	0.651	0.502	0.40
1322	3.541	2.016	0.31	2503	0.391	0.316	0.43	3131	0.580	0.447	0.40
1430	1.550	1.064	0.36	2570	1.293	1.029	0.43	3132	0.779	0.628	0.43
1438	1.178	0.805	0.36	2585	1.126	0.869	0.40	3145	0.642	0.497	0.40
1452	0.602	0.411	0.36	2586	1.495	1.203	0.43	3146	0.654	0.507	0.40
1463	2.771	1.581	0.31	2587	1.334	1.059	0.43	3169	0.869	0.694	0.43
1472	1.041	0.713	0.36	2589	0.745	0.579	0.40	3179	0.589	0.468	0.43
1624	1.010	0.637	0.33	2600	1.407	1.120	0.43	3180	0.661	0.530	0.43
1642	1.173	0.801	0.36	2623	1.760	1.213	0.36	3188	0.523	0.404	0.40
1654	2.342	1.595	0.36	2651	0.521	0.417	0.43	3220	0.592	0.454	0.40
1699	1.202	0.825	0.36	2660	0.659	0.569	0.47	3224	1.057	0.905	0.47
1701	1.008	0.637	0.33	2688	0.715	0.574	0.43	3227	1.267	1.013	0.43
1710	1.892	1.291	0.36	2702	7.100	4.051	0.31	3241	1.114	0.890	0.43
1747	0.973	0.661	0.36	2705X*	19.598	12.367	0.33	3255	0.837	0.717	0.47
1748	1.397	0.967	0.36	2709	2.402	1.510	0.33	3257	1.058	0.848	0.43
1803	1.724	1.183	0.36	2710	1.824	1.250	0.36	3270	0.657	0.526	0.43
1924	1.128	0.900	0.43	2714	1.555	1.263	0.43	3300	1.292	1.115	0.47
1925	1.191	0.920	0.40	2727X	3.681	2.321	0.33	3303	0.950	0.762	0.43
2002	1.336	1.065	0.43	2731	1.616	1.292	0.43	3307	0.904	0.699	0.40
2003	1.259	0.967	0.40	2735	1.703	1.373	0.43	3315	1.117	0.893	0.43
2014	1.639	1.122	0.36	2759	1.985	1.600	0.43	3334	1.389	1.057	0.40
2016	0.970	0.769	0.43	2790	0.675	0.582	0.47	3336	0.727	0.560	0.40
2021	0.996	0.767	0.40	2797	1.394	1.207	0.47	3365	2.031	1.279	0.33
2039	1.146	0.915	0.43	2799	2.498	1.927	0.40	3372	0.996	0.769	0.40
2041	0.900	0.718	0.43	2802	1.336	1.030	0.40	3373	1.585	1.268	0.43
2065	0.727	0.558	0.40	2835	0.824	0.710	0.47	3383	0.510	0.407	0.43
2070	2.088	1.592	0.40	2836	0.904	0.777	0.47	3385	0.374	0.301	0.43
2081	1.094	0.942	0.47	2841	1.146	0.922	0.43	3400	1.050	0.844	0.43

* Refer to the Footnotes Page for additional information on this class code.

ADVISORY LOSS COSTS - NOT RATES**NORTH CAROLINA**

Advisory loss costs exclude all expense provisions except loss adjustment expense.

Exhibit III**Page S2***Effective April 1, 2027*

CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO
3507	0.781	0.600	0.40	4244	0.854	0.584	0.36	5102	2.028	1.281	0.33
3515	0.590	0.457	0.40	4250	0.706	0.544	0.40	5146	1.703	1.164	0.36
3548	0.529	0.424	0.43	4251	0.905	0.725	0.43	5160	0.821	0.466	0.31
3559	0.651	0.502	0.40	4263	1.208	0.928	0.40	5183	1.174	0.739	0.33
3574	0.332	0.266	0.43	4273	0.915	0.706	0.40	5188	1.624	1.026	0.33
3581	0.342	0.273	0.43	4279	1.151	0.790	0.36	5190	1.185	0.749	0.33
3612	0.633	0.488	0.40	4283	0.672	0.539	0.43	5191	0.353	0.241	0.36
3620	1.007	0.693	0.36	4299	0.592	0.456	0.40	5192	1.211	0.930	0.40
3629	0.506	0.391	0.40	4304	1.404	1.086	0.40	5213	1.823	1.043	0.31
3632	0.731	0.564	0.40	4307	0.517	0.446	0.47	5215	1.669	1.136	0.36
3634	0.605	0.467	0.40	4351	0.466	0.370	0.43	5221	1.350	0.849	0.33
3635	0.569	0.440	0.40	4352	0.467	0.374	0.43	5222	2.489	1.414	0.31
3638	0.676	0.541	0.43	4361	0.274	0.219	0.43	5223	1.263	0.862	0.36
3642	0.439	0.353	0.43	4410	0.957	0.764	0.43	5348	1.364	0.933	0.36
3643	0.602	0.411	0.36	4420	1.223	0.769	0.33	5402	2.229	1.794	0.43
3647	0.875	0.667	0.40	4431	0.592	0.512	0.47	5403	1.716	1.083	0.33
3648	0.435	0.374	0.47	4432	0.558	0.480	0.47	5437	1.856	1.169	0.33
3681	0.218	0.175	0.43	4452	0.842	0.650	0.40	5443	1.357	1.045	0.40
3685	0.323	0.259	0.43	4459	1.047	0.717	0.36	5445	3.075	1.756	0.31
3719	0.456	0.259	0.31	4470	0.884	0.681	0.40	5462	2.066	1.409	0.36
3724	1.366	0.780	0.31	4484	0.803	0.642	0.43	5472	2.319	1.326	0.31
3726	1.107	0.629	0.31	4493	0.672	0.519	0.40	5473	3.716	2.124	0.31
3803	1.051	0.842	0.43	4511	0.153	0.118	0.40	5474	2.598	1.493	0.31
3807	0.672	0.537	0.43	4557	0.925	0.634	0.36	5478	0.970	0.607	0.33
3808	2.703	2.072	0.40	4558	0.731	0.560	0.40	5479	2.144	1.473	0.36
3821	1.996	1.365	0.36	4568	0.897	0.614	0.36	5480	1.985	1.246	0.33
3822X	1.618	1.296	0.43	4581	0.284	0.179	0.33	5491	0.888	0.559	0.33
3824X	1.303	1.045	0.43	4583	1.438	0.913	0.33	5506	1.649	1.037	0.33
3826	0.305	0.233	0.40	4611	0.338	0.269	0.43	5507	1.596	1.005	0.33
3827	0.878	0.696	0.43	4635	1.157	0.732	0.33	5535	2.876	1.653	0.31
3830	0.500	0.385	0.40	4653	1.004	0.801	0.43	5537	1.345	0.919	0.36
3851	0.616	0.495	0.43	4665	3.115	2.131	0.36	5551	6.337	3.640	0.31
3865	0.922	0.789	0.47	4683	1.526	1.170	0.40	5606	0.338	0.193	0.31
3881	1.229	0.944	0.40	4686	0.733	0.502	0.36	5610	1.792	1.230	0.36
4000	1.808	1.136	0.33	4692	0.220	0.176	0.43	5645	5.590	3.211	0.31
4021	1.379	1.067	0.40	4693	0.377	0.300	0.43	5703	5.317	3.689	0.36
4024	1.415	0.966	0.36	4703	0.665	0.510	0.40	5705	5.784	3.983	0.36
4034	2.359	1.621	0.36	4717	0.724	0.622	0.47	5951	0.208	0.167	0.43
4036	0.729	0.500	0.36	4720	0.795	0.613	0.40	6003	2.271	1.443	0.33
4038	0.855	0.735	0.47	4740	0.540	0.310	0.31	6005	1.923	1.323	0.36
4062	0.705	0.544	0.40	4741	0.978	0.752	0.40	6018	1.094	0.741	0.36
4101	1.078	0.833	0.40	4751	1.544	1.068	0.36	6045	1.521	1.035	0.36
4109	0.194	0.154	0.43	4771N	0.836	0.526	0.33	6204	2.261	1.418	0.33
4110	0.241	0.192	0.43	4777	1.385	0.878	0.33	6206	1.127	0.640	0.31
4111	0.883	0.700	0.43	4825	0.306	0.209	0.36	6213	0.870	0.495	0.31
4114	0.949	0.728	0.40	4828	0.649	0.409	0.33	6214	0.506	0.319	0.33
4130	1.220	0.977	0.43	4829	0.447	0.282	0.33	6216	2.984	1.713	0.31
4131	2.772	2.232	0.43	4902	0.724	0.582	0.43	6217	1.692	0.969	0.31
4133	0.855	0.741	0.47	4923	0.443	0.343	0.40	6229	1.158	0.792	0.36
4149	0.305	0.263	0.47	5020	1.945	1.222	0.33	6233	0.713	0.404	0.31
4206	0.894	0.712	0.43	5022	2.569	1.473	0.31	6235	1.999	1.131	0.31
4207	0.842	0.528	0.33	5037	2.624	1.488	0.31	6236	1.874	1.277	0.36
4239	1.007	0.636	0.33	5040	2.835	1.617	0.31	6237	0.621	0.389	0.33
4240	0.784	0.678	0.47	5057	1.429	0.815	0.31	6251	2.059	1.294	0.33
4243	0.710	0.548	0.40	5059	4.297	2.458	0.31	6252	1.200	0.681	0.31

* Refer to the Footnotes Page for additional information on this class code.

ADVISORY LOSS COSTS - NOT RATES**NORTH CAROLINA**

Advisory loss costs exclude all expense provisions except loss adjustment expense.

Exhibit III**Page S3***Effective April 1, 2027*

CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO
6306	1.608	1.018	0.33	7395M	2.974	1.660	0.31	8111	0.713	0.550	0.40
6319	1.223	0.701	0.31	7398M	4.173	2.258	0.31	8116	0.763	0.588	0.40
6325	1.267	0.726	0.31	7402	0.047	0.037	0.43	8203	2.184	1.675	0.40
6400	1.312	0.898	0.36	7403	1.927	1.528	0.43	8204	1.399	1.083	0.40
6503	0.802	0.640	0.43	7405N	0.569	0.449	0.43	8209	1.302	1.039	0.43
6504	1.213	0.974	0.43	7420	3.279	1.851	0.31	8215	1.205	0.829	0.36
6702M*	1.635	1.115	0.36	7421	0.231	0.158	0.36	8227	1.311	0.827	0.33
6703M*	2.549	1.685	0.36	7422	0.459	0.289	0.33	8232	1.898	1.299	0.36
6704M*	1.817	1.239	0.36	7425	1.083	0.671	0.33	8233	1.402	0.945	0.36
6801F	2.432	1.360	0.34	7431N	0.333	0.207	0.33	8235	1.431	1.103	0.40
6811	1.445	0.994	0.36	7445N	0.190	—	—	8236X	2.010	1.269	0.33
6824F	2.538	1.420	0.34	7453N	0.111	—	—	8263	2.030	1.562	0.40
6826F	1.828	1.023	0.34	7502	0.898	0.613	0.36	8264	1.651	1.133	0.36
6834	0.987	0.789	0.43	7515	0.401	0.229	0.31	8265	1.849	1.170	0.33
6836	0.930	0.719	0.40	7520	0.907	0.697	0.40	8279	2.110	1.341	0.33
6843F	2.960	1.437	0.29	7529X	3.952	2.253	0.31	8288	2.110	1.640	0.40
6845F	2.799	1.359	0.29	7538	1.040	0.595	0.31	8291X	1.369	1.058	0.40
6854	1.832	1.155	0.33	7539	0.552	0.348	0.33	8292X	1.144	0.913	0.43
6872F	3.103	1.506	0.29	7540	1.452	0.831	0.31	8293X	2.390	1.906	0.43
6874F	5.217	2.533	0.29	7580	0.984	0.675	0.36	8304	1.828	1.155	0.33
6882	1.029	0.651	0.33	7590	1.470	1.002	0.36	8350	2.676	1.684	0.33
6884	1.125	0.703	0.33	7600	1.722	1.171	0.36	8380	0.689	0.530	0.40
7016M	1.508	0.853	0.31	7605	0.949	0.597	0.33	8381	0.682	0.530	0.40
7024M	1.676	0.948	0.31	7610	0.251	0.171	0.36	8385	0.961	0.740	0.40
7038M	2.687	1.581	0.31	7705	2.143	1.647	0.40	8392	0.758	0.653	0.47
7046M	2.269	1.302	0.31	7710	1.840	1.164	0.33	8393	0.594	0.404	0.36
7047M	2.351	1.289	0.31	7711	1.840	1.164	0.33	8500	1.704	1.178	0.36
7050M	4.188	2.390	0.31	7720X	1.254	0.864	0.36	8601	0.108	0.068	0.33
7090M	2.985	1.757	0.31	7723X	0.777	0.491	0.33	8602	0.555	0.382	0.36
7098M	2.521	1.446	0.31	7855	1.346	0.918	0.36	8603	0.032	0.026	0.43
7099M	3.537	1.967	0.31	8001	0.816	0.657	0.43	8606	0.383	0.242	0.33
7133	1.214	0.768	0.33	8002	0.712	0.574	0.43	8709F	1.760	0.854	0.29
7151M	1.475	0.933	0.33	8006	0.674	0.579	0.47	8719	0.589	0.373	0.33
7152M	2.299	1.410	0.33	8008	0.419	0.362	0.47	8720	0.333	0.210	0.33
7153M	1.639	1.037	0.33	8010	0.597	0.479	0.43	8721	0.075	0.052	0.36
7219	3.403	2.129	0.33	8013	0.109	0.084	0.40	8723	0.027	0.021	0.40
7222X	3.128	1.957	0.33	8015	0.320	0.248	0.40	8725	0.831	0.576	0.36
7225	3.010	2.042	0.36	8017	0.525	0.453	0.47	8726F	0.977	0.546	0.34
7230X	3.376	2.581	0.40	8018	1.305	1.035	0.43	8734M	0.111	0.076	0.36
7231	3.130	2.393	0.40	8021	0.825	0.659	0.43	8737M	0.100	0.069	0.36
7232X	3.829	2.386	0.33	8031	0.589	0.473	0.43	8738M	0.155	0.103	0.36
7309F	3.103	1.506	0.29	8032	0.738	0.590	0.43	8742	0.082	0.056	0.36
7313F	1.849	0.898	0.29	8033	0.665	0.572	0.47	8745	1.522	1.180	0.40
7317F	2.522	1.224	0.29	8037	0.600	0.539	0.50	8748	0.143	0.090	0.33
7327F	5.412	2.627	0.29	8039	0.729	0.629	0.47	8755	0.104	0.071	0.36
7333M	1.014	0.575	0.31	8044	0.873	0.699	0.43	8799	0.193	0.155	0.43
7335M	1.127	0.639	0.31	8045	0.287	0.230	0.43	8800	0.751	0.600	0.43
7337M	1.581	0.869	0.31	8046	0.846	0.679	0.43	8803	0.014	0.009	0.36
7350F	3.382	1.773	0.31	8047	0.346	0.277	0.43	8805M	0.054	0.043	0.43
7360	1.784	1.217	0.36	8058	0.819	0.658	0.43	8810	0.040	0.032	0.43
7370	2.071	1.649	0.43	8072	0.244	0.213	0.47	8814M	0.049	0.039	0.43
7380	2.264	1.538	0.36	8102	0.711	0.571	0.43	8815M	0.076	0.059	0.43
7382	2.243	1.722	0.40	8103	0.842	0.649	0.40	8820	0.035	0.024	0.36
7390	1.726	1.379	0.43	8106	1.313	0.899	0.36	8824	0.778	0.700	0.50
7394M	2.677	1.494	0.31	8107	1.003	0.634	0.33	8826	0.794	0.686	0.47

* Refer to the Footnotes Page for additional information on this class code.

ADVISORY LOSS COSTS - NOT RATES**NORTH CAROLINA**

Advisory loss costs exclude all expense provisions except loss adjustment expense.

Exhibit III**Page S4***Effective April 1, 2027*

CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO	CLASS CODE	LOSS COST	ELR	D RATIO
8831	0.453	0.417	0.50	9600	0.719	0.578	0.43				
8832	0.113	0.090	0.43	9620	0.605	0.416	0.36				
8833	0.344	0.274	0.43								
8835	0.718	0.571	0.43								
8842X	0.740	0.668	0.50								
8855	0.027	0.022	0.43								
8856	0.184	0.147	0.43								
8864X	0.349	0.301	0.47								
8868	0.187	0.162	0.47								
8869	0.406	0.351	0.47								
8871	0.011	0.009	0.43								
8901	0.064	0.043	0.36								
9012	0.333	0.228	0.36								
9014	0.858	0.686	0.43								
9015	1.074	0.827	0.40								
9016	0.701	0.566	0.43								
9019	1.258	0.865	0.36								
9033	0.676	0.518	0.40								
9040	0.926	0.797	0.47								
9044	0.458	0.394	0.47								
9052	0.560	0.482	0.47								
9058	0.496	0.448	0.50								
9060	0.498	0.431	0.47								
9061	0.381	0.327	0.47								
9062	0.418	0.360	0.47								
9063	0.243	0.211	0.47								
9077F	2.437	1.541	0.41								
9082	0.399	0.362	0.50								
9083	0.444	0.402	0.50								
9084	0.435	0.373	0.47								
9089	0.329	0.284	0.47								
9093	0.433	0.373	0.47								
9101	1.073	0.929	0.47								
9102	0.996	0.769	0.40								
9154	0.622	0.499	0.43								
9156	0.806	0.693	0.47								
9170	3.202	2.025	0.33								
9178	2.266	2.126	0.50								
9179	7.013	6.325	0.50								
9180	1.394	1.088	0.40								
9182	0.786	0.642	0.43								
9186	2.724	1.748	0.33								
9220	1.528	1.177	0.40								
9402	2.085	1.310	0.33								
9403	3.076	1.934	0.33								
9410	0.826	0.663	0.43								
9501	1.054	0.723	0.36								
9505	1.156	0.896	0.40								
9516	0.916	0.702	0.40								
9519	1.826	1.242	0.36								
9521	1.002	0.685	0.36								
9522	0.750	0.641	0.47								
9534	1.934	1.103	0.31								
9554	3.031	1.919	0.33								
9586	0.151	0.129	0.47								

* Refer to the Footnotes Page for additional information on this class code.

*Effective April 1, 2027***FOOTNOTES**

- F Advisory loss cost provides for coverage under the United States Longshore and Harbor Workers Compensation Act and its extensions. Loss cost contains a provision for USL&HW Assessment.
- M Risks are subject to Admiralty Law or Federal Employers Liability Act (FELA). However, the published loss cost is for risks that voluntarily purchase standard workers compensation and employers liability coverage. A provision for the USL&HW Assessment is included for those classifications under Program II USL Act.
- N This code is part of a ratable / non-ratable group shown below. The statistical non-ratable code and corresponding advisory loss cost are applied in addition to the basic classification when determining premium.

Class Code	Non-Ratable Element Code
4771	0771
7405	7445
7431	7453

- P Classification is computed on a per capita basis.
- X Refer to special classification phraseology in these pages which is applicable in this state.

*** Class Codes with Specific Footnotes**

- 2705 An upset payroll of \$4.00 per cord shall be used for premium computation purposes in all instances.
- 6702 Loss cost and rating values only appropriate for laying or relaying of tracks or maintenance of way - no work on elevated railroads. Otherwise, assign appropriate construction or erection code loss cost and elr each x 1.215.
- 6703 Loss cost and rating values only appropriate for laying or relaying of tracks or maintenance of way - no work on elevated railroads. Otherwise, assign appropriate construction or erection class loss cost x 1.894 and elr x 1.836.
- 6704 Loss cost and rating values only appropriate for laying or relaying of tracks or maintenance of way - no work on elevated railroads. Otherwise, assign appropriate construction or erection class loss cost and elr each x 1.35.

Effective April 1, 2027

ADVISORY MISCELLANEOUS VALUES

Advisory Loss Elimination Ratios - The following percentages represent the portion of total loss eliminated per claim and are applicable by hazard group. They do not include a safety factor.

Deductible Amount	Advisory Loss Elimination Ratios						
	HAZARD GROUP						
	A	B	C	D	E	F	G
\$100	1.0%	0.8%	0.6%	0.5%	0.3%	0.2%	0.1%
\$200	2.0%	1.6%	1.1%	0.9%	0.6%	0.4%	0.3%
\$300	2.8%	2.2%	1.6%	1.3%	0.9%	0.6%	0.4%
\$400	3.5%	2.7%	2.0%	1.6%	1.1%	0.8%	0.5%
\$500	4.1%	3.2%	2.4%	1.9%	1.4%	0.9%	0.7%
\$1,000	6.6%	5.2%	3.9%	3.3%	2.4%	1.6%	1.2%
\$1,500	8.6%	6.7%	5.1%	4.3%	3.2%	2.3%	1.7%
\$2,000	10.1%	8.0%	6.2%	5.3%	3.9%	2.8%	2.1%
\$2,500	11.5%	9.1%	7.1%	6.1%	4.6%	3.3%	2.6%
\$5,000	16.7%	13.5%	10.9%	9.5%	7.3%	5.6%	4.4%

Basis of premium applicable in accordance with **Basic Manual** footnote instructions for Code 7370 -- "Taxicab Co.":

Employee operated vehicle.....	\$102,600
Leased or rented vehicle.....	\$68,400

Catastrophe (other than Certified Acts of Terrorism) - (Advisory Loss Cost)..... \$0.010

Maximum Weekly Payroll applicable in accordance with **Basic Manual** Rule 2-E-1 -- "Executive Officers" and the **Basic Manual** footnote instructions for Code 9178 -- "Athletic Sports or Park: Non-Contact Sports," and Code 9179 -- "Athletic Sports or Park: Contact Sports"..... \$2,600

Minimum Weekly Payroll applicable in accordance with **Basic Manual** Rule 2-E-1 -- "Executive Officers" \$1,300

Premium Determination for Partners and Sole Proprietors in accordance with **Basic Manual** Rule 2-E-3 (Annual Payroll)..... \$68,400

Terrorism - (Advisory Loss Cost) \$0.005

United States Longshore and Harbor Workers' Compensation Coverage Percentage applicable only in connection with **Basic Manual** Rule 3-A-4..... 56%

(Multiply a Non-F classification loss cost by a factor of 1.56 to adjust for differences in benefits and loss-based expenses. This factor is the product of the adjustment for differences in benefits (1.50) and the adjustment for differences in loss-based expenses (1.042).)

Experience Rating Eligibility

A risk qualifies for experience rating on an intrastate basis when it meets the premium eligibility requirements for the state in which it operates. The eligibility amount varies by rating effective date. The **Experience Rating Plan Manual** should be referenced for the latest approved eligibility amounts by state and by effective date.

Effective April 1, 2027

**TABLE OF WEIGHTING VALUES
APPLICABLE TO ALL POLICIES**

Expected Losses			Weighting Values	Expected Losses			Weighting Values
0	--	2,693	0.14	1,518,383	--	1,594,757	0.49
2,694	--	7,587	0.15	1,594,758	--	1,675,240	0.50
7,588	--	12,598	0.16	1,675,241	--	1,760,173	0.51
12,599	--	17,732	0.17	1,760,174	--	1,849,933	0.52
17,733	--	19,523	0.18	1,849,934	--	1,944,950	0.53
19,524	--	22,080	0.17	1,944,951	--	2,045,697	0.54
22,081	--	25,574	0.16	2,045,698	--	2,152,709	0.55
25,575	--	30,831	0.15	2,152,710	--	2,266,591	0.56
30,832	--	40,835	0.14	2,266,592	--	2,388,027	0.57
40,836	--	93,838	0.13	2,388,028	--	2,517,795	0.58
93,839	--	126,099	0.14	2,517,796	--	2,656,783	0.59
126,100	--	154,272	0.15	2,656,784	--	2,806,012	0.60
154,273	--	181,372	0.16	2,806,013	--	2,966,657	0.61
181,373	--	208,255	0.17	2,966,658	--	3,140,081	0.62
208,256	--	235,314	0.18	3,140,082	--	3,327,872	0.63
235,315	--	262,771	0.19	3,327,873	--	3,531,893	0.64
262,772	--	290,777	0.20	3,531,894	--	3,754,346	0.65
290,778	--	319,444	0.21	3,754,347	--	3,997,846	0.66
319,445	--	348,860	0.22	3,997,847	--	4,265,528	0.67
348,861	--	379,109	0.23	4,265,529	--	4,561,186	0.68
379,110	--	408,937	0.24	4,561,187	--	4,889,445	0.69
408,938	--	438,250	0.25	4,889,446	--	5,256,017	0.70
438,251	--	468,486	0.26	5,256,018	--	5,668,023	0.71
468,487	--	499,696	0.27	5,668,024	--	6,134,470	0.72
499,697	--	531,933	0.28	6,134,471	--	6,666,912	0.73
531,934	--	565,255	0.29	6,666,913	--	7,280,423	0.74
565,256	--	599,720	0.30	7,280,424	--	7,995,045	0.75
599,721	--	635,395	0.31	7,995,046	--	8,838,021	0.76
635,396	--	672,345	0.32	8,838,022	--	9,847,344	0.77
672,346	--	710,644	0.33	9,847,345	--	11,077,644	0.78
710,645	--	750,369	0.34	11,077,645	--	12,610,415	0.79
750,370	--	791,606	0.35	12,610,416	--	14,572,839	0.80
791,607	--	834,443	0.36	14,572,840	--	17,175,017	0.81
834,444	--	878,976	0.37	17,175,018	--	20,790,722	0.82
878,977	--	925,312	0.38	20,790,723	--	26,155,310	0.83
925,313	--	973,563	0.39	26,155,311	--	34,942,429	0.84
973,564	--	1,023,853	0.40	34,942,430	--	51,961,587	0.85
1,023,854	--	1,076,314	0.41	51,961,588	--	98,974,257	0.86
1,076,315	--	1,131,091	0.42	98,974,258	--	843,220,758	0.87
1,131,092	--	1,188,343	0.43	843,220,759	--	AND OVER	0.88
1,188,344	--	1,248,242	0.44				
1,248,243	--	1,310,978	0.45				
1,310,979	--	1,376,757	0.46				
1,376,758	--	1,445,809	0.47				
1,445,810	--	1,518,382	0.48				

(a) G	12.45
(b) State Per Claim Accident Limitation	\$202,000
(c) State Multiple Claim Accident Limitation	\$404,000
(d) USL&HW Per Claim Accident Limitation	\$257,000
(e) USL&HW Multiple Claim Accident Limitation	\$514,000
(f) Employers Liability Accident Limitation	\$55,000
(g) Primary/Excess Loss Split Point	\$26,500
(h) USL&HW Act—Expected Loss Factor—Non-F Classes	1.50
<i>(Multiply a Non-F classification ELR by the USL&HW Act—Expected Loss Factor of 1.50.)</i>	

Effective April 1, 2027

**TABLE OF BALLAST VALUES
APPLICABLE TO ALL POLICIES**

Expected Losses				Expected Losses				Expected Losses			
Ballast Values				Ballast Values				Ballast Values			
0	--	449,233	57,270	4,219,369	--	4,330,499	275,145	8,109,452	--	8,220,604	493,020
449,234	--	558,376	63,495	4,330,500	--	4,441,632	281,370	8,220,605	--	8,331,757	499,245
558,377	--	668,165	69,720	4,441,633	--	4,552,767	287,595	8,331,758	--	8,442,910	505,470
668,166	--	778,334	75,945	4,552,768	--	4,663,903	293,820	8,442,911	--	8,554,063	511,695
778,335	--	888,746	82,170	4,663,904	--	4,775,040	300,045	8,554,064	--	8,665,217	517,920
888,747	--	999,321	88,395	4,775,041	--	4,886,178	306,270	8,665,218	--	8,776,370	524,145
999,322	--	1,110,012	94,620	4,886,179	--	4,997,317	312,495	8,776,371	--	8,887,524	530,370
1,110,013	--	1,220,787	100,845	4,997,318	--	5,108,457	318,720	8,887,525	--	8,998,678	536,595
1,220,788	--	1,331,626	107,070	5,108,458	--	5,219,598	324,945	8,998,679	--	9,109,833	542,820
1,331,627	--	1,442,514	113,295	5,219,599	--	5,330,739	331,170	9,109,834	--	9,220,987	549,045
1,442,515	--	1,553,441	119,520	5,330,740	--	5,441,882	337,395	9,220,988	--	9,332,142	555,270
1,553,442	--	1,664,398	125,745	5,441,883	--	5,553,025	343,620	9,332,143	--	9,443,296	561,495
1,664,399	--	1,775,381	131,970	5,553,026	--	5,664,169	349,845	9,443,297	--	9,554,451	567,720
1,775,382	--	1,886,385	138,195	5,664,170	--	5,775,313	356,070	9,554,452	--	9,665,606	573,945
1,886,386	--	1,997,406	144,420	5,775,314	--	5,886,459	362,295	9,665,607	--	9,776,761	580,170
1,997,407	--	2,108,441	150,645	5,886,460	--	5,997,604	368,520	9,776,762	--	9,887,917	586,395
2,108,442	--	2,219,490	156,870	5,997,605	--	6,108,751	374,745	9,887,918	--	9,999,072	592,620
2,219,491	--	2,330,548	163,095	6,108,752	--	6,219,897	380,970	9,999,073	--	10,110,227	598,845
2,330,549	--	2,441,616	169,320	6,219,898	--	6,331,045	387,195	10,110,228	--	10,221,383	605,070
2,441,617	--	2,552,693	175,545	6,331,046	--	6,442,192	393,420	10,221,384	--	10,332,539	611,295
2,552,694	--	2,663,776	181,770	6,442,193	--	6,553,340	399,645	10,332,540	--	10,443,694	617,520
2,663,777	--	2,774,865	187,995	6,553,341	--	6,664,489	405,870	10,443,695	--	10,554,850	623,745
2,774,866	--	2,885,960	194,220	6,664,490	--	6,775,638	412,095	10,554,851	--	10,666,006	629,970
2,885,961	--	2,997,059	200,445	6,775,639	--	6,886,787	418,320	10,666,007	--	10,777,162	636,195
2,997,060	--	3,108,163	206,670	6,886,788	--	6,997,937	424,545	10,777,163	--	10,888,319	642,420
3,108,164	--	3,219,271	212,895	6,997,938	--	7,109,087	430,770	10,888,320	--	10,998,330	648,645
3,219,272	--	3,330,383	219,120	7,109,088	--	7,220,238	436,995				
3,330,384	--	3,441,497	225,345	7,220,239	--	7,331,388	443,220				
3,441,498	--	3,552,615	231,570	7,331,389	--	7,442,539	449,445				
3,552,616	--	3,663,735	237,795	7,442,540	--	7,553,691	455,670				
3,663,736	--	3,774,857	244,020	7,553,692	--	7,664,842	461,895				
3,774,858	--	3,885,982	250,245	7,664,843	--	7,775,994	468,120				
3,885,983	--	3,997,109	256,470	7,775,995	--	7,887,146	474,345				
3,997,110	--	4,108,237	262,695	7,887,147	--	7,998,298	480,570				
4,108,238	--	4,219,368	268,920	7,998,299	--	8,109,451	486,795				

For Expected Losses greater than \$10,998,330, the Ballast Value can be calculated using the following formula (rounded to the nearest 1):

$$\text{Ballast} = (0.056)(\text{Expected Losses}) + 2876.4(\text{Expected Losses})(12.45) / (\text{Expected Losses} + (600)(12.45))$$

$$G = 12.45$$

**RETROSPECTIVE RATING PLAN MANUAL
STATE SPECIAL RATING VALUES**

**NORTH CAROLINA
RR 1
Exhibit III**

Effective April 1, 2027

1. Average Cost per Case by Hazard Group

A	B	C	D	E	F	G
9,149	11,172	16,387	20,370	29,705	46,393	66,946

Average Cost per Case including ALAE by Hazard Group

A	B	C	D	E	F	G
10,149	12,378	18,131	22,523	32,757	51,103	73,719

2.

Excess Loss Pure Premium Factors
(Applicable to New and Renewal Policies)

**Per Accident
Limitation**

Hazard Groups

	A	B	C	D	E	F	G
\$10,000	0.635	0.668	0.696	0.711	0.737	0.756	0.771
\$15,000	0.591	0.627	0.659	0.676	0.707	0.730	0.749
\$20,000	0.554	0.592	0.627	0.646	0.682	0.708	0.730
\$25,000	0.522	0.562	0.600	0.620	0.660	0.687	0.712
\$30,000	0.495	0.536	0.575	0.596	0.639	0.669	0.696
\$35,000	0.471	0.512	0.553	0.575	0.621	0.652	0.681
\$40,000	0.450	0.491	0.534	0.556	0.604	0.636	0.667
\$50,000	0.413	0.455	0.499	0.522	0.574	0.608	0.641
\$75,000	0.347	0.388	0.434	0.457	0.514	0.551	0.588
\$100,000	0.302	0.342	0.387	0.411	0.470	0.508	0.546
\$125,000	0.269	0.307	0.352	0.375	0.435	0.473	0.512
\$150,000	0.243	0.279	0.324	0.346	0.407	0.445	0.484
\$175,000	0.221	0.257	0.301	0.322	0.383	0.421	0.459
\$200,000	0.204	0.238	0.281	0.302	0.363	0.400	0.438
\$225,000	0.189	0.222	0.265	0.285	0.346	0.382	0.419
\$250,000	0.176	0.209	0.250	0.269	0.330	0.366	0.403
\$275,000	0.165	0.197	0.238	0.256	0.316	0.352	0.388
\$300,000	0.155	0.186	0.226	0.244	0.304	0.339	0.374
\$325,000	0.147	0.176	0.216	0.233	0.293	0.327	0.362
\$350,000	0.139	0.168	0.207	0.224	0.282	0.316	0.350
\$375,000	0.132	0.160	0.199	0.215	0.273	0.306	0.340
\$400,000	0.126	0.153	0.191	0.207	0.264	0.297	0.330
\$425,000	0.120	0.147	0.184	0.200	0.256	0.289	0.321
\$450,000	0.115	0.141	0.178	0.193	0.249	0.281	0.312
\$475,000	0.111	0.136	0.172	0.187	0.242	0.273	0.304
\$500,000	0.106	0.131	0.166	0.181	0.236	0.267	0.297
\$600,000	0.092	0.115	0.148	0.161	0.214	0.243	0.270
\$700,000	0.081	0.102	0.134	0.146	0.196	0.224	0.249
\$800,000	0.073	0.093	0.122	0.133	0.182	0.208	0.232
\$900,000	0.066	0.084	0.113	0.123	0.169	0.195	0.217
\$1,000,000	0.060	0.078	0.105	0.114	0.159	0.183	0.204
\$2,000,000	0.033	0.044	0.063	0.069	0.102	0.120	0.134
\$3,000,000	0.022	0.031	0.045	0.050	0.076	0.091	0.101
\$4,000,000	0.016	0.023	0.035	0.039	0.060	0.073	0.082
\$5,000,000	0.013	0.018	0.028	0.031	0.050	0.060	0.068
\$6,000,000	0.010	0.015	0.023	0.026	0.041	0.051	0.058
\$7,000,000	0.008	0.012	0.019	0.022	0.035	0.044	0.050
\$8,000,000	0.007	0.010	0.016	0.019	0.030	0.038	0.044
\$9,000,000	0.006	0.009	0.014	0.016	0.026	0.033	0.038
\$10,000,000	0.005	0.007	0.012	0.014	0.023	0.029	0.034

**RETROSPECTIVE RATING PLAN MANUAL
STATE SPECIAL RATING VALUES**

**NORTH CAROLINA
RR 2
Exhibit III**

Effective April 1, 2027

**Excess Loss and Allocated
Expense Pure Premium Factors**
(Applicable to New and Renewal Policies)

Per Accident Limitation	Hazard Groups						
	A	B	C	D	E	F	G
\$10,000	0.712	0.747	0.776	0.792	0.819	0.839	0.855
\$15,000	0.664	0.703	0.737	0.755	0.788	0.812	0.832
\$20,000	0.625	0.666	0.703	0.723	0.761	0.788	0.812
\$25,000	0.591	0.634	0.674	0.695	0.737	0.767	0.793
\$30,000	0.561	0.605	0.648	0.670	0.716	0.747	0.776
\$35,000	0.535	0.580	0.624	0.648	0.696	0.729	0.760
\$40,000	0.512	0.557	0.602	0.627	0.677	0.712	0.745
\$50,000	0.472	0.518	0.565	0.590	0.645	0.682	0.718
\$75,000	0.400	0.444	0.494	0.519	0.580	0.620	0.660
\$100,000	0.350	0.393	0.442	0.468	0.531	0.572	0.615
\$125,000	0.312	0.354	0.403	0.428	0.493	0.535	0.578
\$150,000	0.283	0.323	0.372	0.396	0.462	0.503	0.546
\$175,000	0.260	0.299	0.346	0.370	0.436	0.477	0.519
\$200,000	0.240	0.278	0.325	0.347	0.413	0.454	0.496
\$225,000	0.223	0.260	0.306	0.328	0.394	0.434	0.476
\$250,000	0.209	0.244	0.290	0.311	0.377	0.416	0.457
\$275,000	0.196	0.231	0.276	0.296	0.362	0.401	0.441
\$300,000	0.185	0.219	0.263	0.283	0.348	0.386	0.426
\$325,000	0.176	0.208	0.252	0.271	0.335	0.373	0.412
\$350,000	0.167	0.199	0.241	0.260	0.324	0.361	0.399
\$375,000	0.159	0.190	0.232	0.250	0.313	0.350	0.387
\$400,000	0.152	0.182	0.224	0.241	0.304	0.340	0.377
\$425,000	0.145	0.175	0.216	0.233	0.295	0.331	0.366
\$450,000	0.139	0.168	0.209	0.225	0.287	0.322	0.357
\$475,000	0.134	0.162	0.202	0.218	0.279	0.314	0.348
\$500,000	0.129	0.157	0.196	0.212	0.272	0.306	0.340
\$600,000	0.112	0.138	0.175	0.189	0.247	0.279	0.311
\$700,000	0.099	0.123	0.158	0.172	0.227	0.258	0.287
\$800,000	0.089	0.111	0.145	0.157	0.211	0.240	0.268
\$900,000	0.081	0.102	0.134	0.145	0.197	0.225	0.251
\$1,000,000	0.074	0.094	0.124	0.135	0.185	0.212	0.237
\$2,000,000	0.040	0.053	0.075	0.082	0.119	0.140	0.156
\$3,000,000	0.027	0.037	0.054	0.059	0.089	0.106	0.119
\$4,000,000	0.020	0.028	0.041	0.046	0.071	0.085	0.096
\$5,000,000	0.016	0.022	0.033	0.037	0.058	0.071	0.080
\$6,000,000	0.013	0.018	0.027	0.031	0.049	0.060	0.068
\$7,000,000	0.010	0.015	0.023	0.026	0.042	0.052	0.059
\$8,000,000	0.009	0.012	0.020	0.022	0.036	0.045	0.052
\$9,000,000	0.007	0.011	0.017	0.019	0.031	0.040	0.046
\$10,000,000	0.006	0.009	0.014	0.017	0.027	0.035	0.041

3.

Retrospective Pure Premium Development Factors

With Loss Limit			Without Loss Limit			4th & Subsequent Adjustment
1st Adj.	2nd Adj.	3rd Adj.	1st Adj.	2nd Adj.	3rd Adj.	
0.05	0.02	0.01	0.18	0.09	0.05	0.00

NATIONAL COUNCIL ON COMPENSATION INSURANCE, INC.

NORTH CAROLINA—UPDATE TO EXPERIENCE RATING SUBJECT PREMIUM ELIGIBILITY AMOUNTS

Experience Rating Plan Manual

Subject premium eligibility amounts

Rule ID: ER-ELIT-SEE7E

Effective Date: April 1, 2027

A risk's rating effective date determines the applicable minimum subject premium eligibility amount to qualify for experience rating based on (a) subject premium from the most recent 24 months of the experience period, or (b) average annual subject premium if using more than 24 months of experience in the experience period.

Subject premium eligibility amounts table for North Carolina

Rating effective date	Minimum subject premium eligibility amount based on subject premium from the most recent 24 months of the experience period (\$)	Minimum subject premium eligibility amount based on average annual subject premium if using more than 24 months of experience in the experience period (\$)
<u>04/01/2027 and after</u>	<u>16,000</u>	<u>8,000</u>
<u>04/01/2026 to 03/31/2027</u>	15,000	7,500
04/01/2025 to 03/31/2026	14,500	7,250

Note: This exhibit revises the North Carolina experience rating subject premium eligibility amounts shown in the Subject premium eligibility amounts table for North Carolina in NCCI's ***Experience Rating Plan Manual*** for North Carolina. The subject premium eligibility amounts are applicable to all policies.

NORTH CAROLINA

APPENDIX A-I

Determination of Policy Year On-level Factors

Section A - Factor Adjusting 2024 Policy Year Assigned Risk Premium to Present Assigned Risk Level

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Rate Level Change	Cumulative Index	Weight	Product (2)x(3)	Adj. Factor Present Index/ Sum Column (4)	Adj. For Expense Constant Removal @	Adj. For Expense Removal	Adj. For MPM Removal*	Premium Adjustment Factor (5)x(6)x(7)x(8)
NR 04/01/23	Base	1.000	0.312	0.312	0.832	0.946	0.870	0.953	0.653
NR 04/01/24	0.842	0.842	0.688	0.579					
NR 04/01/25	0.953	0.802							
NR 04/01/26	0.924	0.741							
				0.891					

Section B - Factor Adjusting 2024 Policy Year Voluntary Premium to Present Voluntary Level

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Loss Cost Level Change	Cumulative Index	Weight	Product (2)x(3)	Adj. Factor Present Index/ Sum Column (4)	Adj. For Expense Constant Removal @	Adj. For MPM Removal*	Premium Adjustment Factor (5)x(6)x(7)
NR 04/01/23	Base	1.000	0.312	0.312	0.845	1.000	1.000	0.845
NR 04/01/24	0.902	0.902	0.688	0.621				
NR 04/01/25	0.948	0.855						
NR 04/01/26	0.922	0.788						
				0.933				

Section C - Factor Adjusting 2024 Policy Year Assigned Risk Premium and Voluntary Premium to Present Statewide Level

(1) Assigned Risk Market Share PY 2024	0.079
(2) Voluntary Market Share PY 2024	0.921
(3) Assigned Risk Standard Premium Adjustment Factor (See Sec. A)	0.653
(4) Voluntary Standard Premium Adjustment Factor (See Sec. B)	0.845
(5) Premium Adjustment Factor = [(1)x(3)]/2.520+(2)x(4) #	0.799

NR New and renewal business.

@ Eliminates premium derived from expense constants.

Current premium index (assigned risk-to-voluntary) = 2.520

* Eliminates premium derived from minimum premiums.

NORTH CAROLINA

APPENDIX A-I

Determination of Policy Year On-level Factors

Section D - Factor Adjusting 2024 Policy Year Indemnity Losses to Present Benefit Level

	(1)	(2)	(3)	(4)	(5)
	Benefit Level Change	Cumulative Index	Weight	Product (2)x(3)	Adj. Factor Present Index/ Sum Column (4)
Date					
01/01/24	Base	1.000	0.038	0.038	1.000
03/09/24	1.000	1.000	0.320	0.320	
10/01/24	1.000	1.000	0.235	0.235	
01/01/25	1.000	1.000	0.407	0.407	
				<u>1.000</u>	

Section E - Factor Adjusting 2024 Policy Year Medical Losses to Present Benefit Level

	(1)	(2)	(3)	(4)	(5)
	Benefit Level Change	Cumulative Index	Weight	Product (2)x(3)	Adj. Factor Present Index/ Sum Column (4)
Date					
01/01/24	Base	1.000	0.038	0.038	1.003
03/09/24	1.005	1.005	0.320	0.322	
10/01/24	1.002	1.007	0.235	0.237	
01/01/25	1.004	1.011	0.407	0.411	
				<u>1.008</u>	

NORTH CAROLINA

APPENDIX A-I

Determination of Policy Year On-level Factors

Section F - Factor Adjusting 2023 Policy Year Assigned Risk Premium to Present Assigned Risk Level

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Rate Level Change	Cumulative Index	Weight	Product (2)x(3)	Adj. Factor Present Index/ Sum Column (4)	Adj. For Expense Constant Removal @	Adj. For Expense Removal	Adj. For MPM Removal*	Premium Adjustment Factor (5)x(6)x(7)x(8)
NR 04/01/22	Base	1.000	0.312	0.312	0.740	0.944	0.870	0.953	0.579
NR 04/01/23	0.992	0.992	0.688	0.682					
NR 04/01/24	0.842	0.835							
NR 04/01/25	0.953	0.796							
NR 04/01/26	0.924	0.736							
				0.994					

Section G - Factor Adjusting 2023 Policy Year Voluntary Premium to Present Voluntary Level

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Loss Cost Level Change	Cumulative Index	Weight	Product (2)x(3)	Adj. Factor Present Index/ Sum Column (4)	Adj. For Expense Constant Removal @	Adj. For MPM Removal*	Premium Adjustment Factor (5)x(6)x(7)
NR 04/01/22	Base	1.000	0.312	0.312	0.777	1.000	1.000	0.777
NR 04/01/23	0.952	0.952	0.688	0.655				
NR 04/01/24	0.902	0.859						
NR 04/01/25	0.948	0.814						
NR 04/01/26	0.922	0.751						
				0.967				

Section H - Factor Adjusting 2023 Policy Year Assigned Risk Premium and Voluntary Premium to Present Statewide Level

(1) Assigned Risk Market Share PY 2023	0.080
(2) Voluntary Market Share PY 2023	0.920
(3) Assigned Risk Standard Premium Adjustment Factor (See Sec. F)	0.579
(4) Voluntary Standard Premium Adjustment Factor (See Sec. G)	0.777
(5) Premium Adjustment Factor = [(1)x(3)]/2.520+(2)x(4) #	0.733

NR New and renewal business.

@ Eliminates premium derived from expense constants.

Current premium index (assigned risk-to-voluntary) = 2.520

* Eliminates premium derived from minimum premiums.

NORTH CAROLINA

APPENDIX A-I

Determination of Policy Year On-level Factors

Section I - Factor Adjusting 2023 Policy Year Indemnity Losses to Present Benefit Level

	(1)	(2)	(3)	(4)	(5)
Date	Benefit Level Change	Cumulative Index	Weight	Product (2)x(3)	Adj. Factor Present Index/ Sum Column (4)
01/01/23	Base	1.000	0.357	0.357	1.000
10/01/23	1.000	1.000	0.235	0.235	
01/01/24	1.000	1.000	0.151	0.151	
03/09/24	1.000	1.000	0.241	0.241	
10/01/24	1.000	1.000	0.016	0.016	
01/01/25	1.000	1.000			
				1.000	

Section J - Factor Adjusting 2023 Policy Year Medical Losses to Present Benefit Level

	(1)	(2)	(3)	(4)	(5)
Date	Benefit Level Change	Cumulative Index	Weight	Product (2)x(3)	Adj. Factor Present Index/ Sum Column (4)
01/01/23	Base	1.000	0.357	0.357	1.009
10/01/23	1.002	1.002	0.235	0.235	
01/01/24	0.997	0.999	0.151	0.151	
03/09/24	1.005	1.004	0.241	0.242	
10/01/24	1.002	1.006	0.016	0.016	
01/01/25	1.004	1.010			
				1.001	

NORTH CAROLINA

APPENDIX A-II

Determination of Premium and Losses Developed to an Ultimate Report

Section A - Premium and Loss Summary Valued as of 12/31/2025

Policy Year 2024

(1) Standard Earned Premium	\$896,715,940
(2) Factor to Develop Premium to Ultimate	1.025
(3) Standard Earned Premium Developed to Ultimate = (1)x(2)	\$919,133,839
(4) Limited Indemnity Paid Losses	\$129,007,958
(5) Limited Indemnity Paid Development Factor to Ultimate	2.804
(6) Limited Indemnity Paid Losses Developed to Ultimate = (4)x(5)	\$361,738,314
(7) Limited Indemnity Paid+Case Losses	\$230,566,147
(8) Limited Indemnity Paid+Case Development Factor to Ultimate	1.487
(9) Limited Indemnity Paid+Case Losses Developed to Ultimate = (7)x(8)	\$342,851,861
(10) Policy Year 2024 Limited Indemnity Losses Developed to Ultimate = [(6)+(9)]/2	\$352,295,088
(11) Limited Medical Paid Losses	\$153,967,772
(12) Limited Medical Paid Development Factor to Ultimate	1.750
(13) Limited Medical Paid Losses Developed to Ultimate = (11)x(12)	\$269,443,601
(14) Limited Medical Paid+Case Losses	\$259,511,151
(15) Limited Medical Paid+Case Development Factor to Ultimate	0.966
(16) Limited Medical Paid+Case Losses Developed to Ultimate = (14)x(15)	\$250,687,772
(17) Policy Year 2024 Limited Medical Losses Developed to Ultimate = [(13)+(16)]/2	\$260,065,687

Policy Year 2023

(1) Standard Earned Premium	\$943,159,420
(2) Factor to Develop Premium to Ultimate	1.002
(3) Standard Earned Premium Developed to Ultimate = (1)x(2)	\$945,045,739
(4) Limited Indemnity Paid Losses	\$241,261,895
(5) Limited Indemnity Paid Development Factor to Ultimate	1.519
(6) Limited Indemnity Paid Losses Developed to Ultimate = (4)x(5)	\$366,476,819
(7) Limited Indemnity Paid+Case Losses	\$309,802,777
(8) Limited Indemnity Paid+Case Development Factor to Ultimate	1.152
(9) Limited Indemnity Paid+Case Losses Developed to Ultimate = (7)x(8)	\$356,892,799
(10) Policy Year 2023 Limited Indemnity Losses Developed to Ultimate = [(6)+(9)]/2	\$361,684,809
(11) Limited Medical Paid Losses	\$223,808,780
(12) Limited Medical Paid Development Factor to Ultimate	1.288
(13) Limited Medical Paid Losses Developed to Ultimate = (11)x(12)	\$288,265,709
(14) Limited Medical Paid+Case Losses	\$288,776,924
(15) Limited Medical Paid+Case Development Factor to Ultimate	0.967
(16) Limited Medical Paid+Case Losses Developed to Ultimate = (14)x(15)	\$279,247,286
(17) Policy Year 2023 Limited Medical Losses Developed to Ultimate = [(13)+(16)]/2	\$283,756,498

NORTH CAROLINA

APPENDIX A-II

Determination of Premium and Losses Developed to an Ultimate Report

Section B - Premium Development Factors

<u>Policy Year</u>	<u>1st/2nd</u>	<u>Policy Year</u>	<u>2nd/3rd</u>	<u>Policy Year</u>	<u>3rd/4th</u>	<u>Policy Year</u>	<u>4th/5th</u>
2021	1.023	2020	1.002	2019	1.000	2018	1.000
2022	1.027	2021	1.002	2020	1.000	2019	1.000
2023	1.019	2022	1.003	2021	1.001	2020	1.000
Average	1.023	Average	1.002	Average	1.000	Average	1.000

Summary of Premium Development Factors

<u>1st/5th</u>	<u>2nd/5th</u>	<u>3rd/5th</u>	<u>4th/5th</u>
1.025	1.002	1.000	1.000

NORTH CAROLINA

APPENDIX A-II

Determination of Premium and Losses Developed to an Ultimate Report

Section C1 - Limited Indemnity Paid Loss Development Factors

<u>Policy Year</u>	<u>1st/2nd</u>	<u>Policy Year</u>	<u>2nd/3rd</u>	<u>Policy Year</u>	<u>3rd/4th</u>	<u>Policy Year</u>	<u>4th/5th</u>
2022	1.865	2021	1.246	2020	1.093	2019	1.032
2023	1.826	2022	1.225	2021	1.101	2020	1.037
Average	1.846	Average	1.236	Average	1.097	Average	1.035
<u>Policy Year</u>	<u>5th/6th</u>	<u>Policy Year</u>	<u>6th/7th</u>	<u>Policy Year</u>	<u>7th/8th</u>	<u>Policy Year</u>	<u>8th/9th</u>
2018	1.017	2017	1.015	2016	1.009	2015	1.007
2019	1.012	2018	1.011	2017	1.009	2016	1.008
Average	1.015	Average	1.013	Average	1.009	Average	1.008
<u>Policy Year</u>	<u>9th/10th</u>	<u>Policy Year</u>	<u>10th/11th</u>	<u>Policy Year</u>	<u>11th/12th</u>	<u>Policy Year</u>	<u>12th/13th</u>
2014	1.003	2013	1.002	2012	1.002	2011	1.001
2015	1.005	2014	1.003	2013	1.000	2012	1.000
Average	1.004	Average	1.003	Average	1.001	Average	1.001
<u>Policy Year</u>	<u>13th/14th</u>	<u>Policy Year</u>	<u>14th/15th</u>	<u>Policy Year</u>	<u>15th/16th</u>	<u>Policy Year</u>	<u>16th/17th</u>
2010	1.004	2009	1.002	2008	1.001	2007	1.001
2011	0.999	2010	1.002	2009	1.002	2008	1.001
Average	1.002	Average	1.002	Average	1.002	Average	1.001
<u>Policy Year</u>	<u>17th/18th</u>	<u>Policy Year</u>	<u>18th/19th</u>				
2006	1.002	2005	1.002				
2007	1.001	2006	1.001				
Average	1.002	Average	1.002				

NORTH CAROLINA

APPENDIX A-II

Determination of Premium and Losses Developed to an Ultimate Report

Section C1 - Limited Medical Paid Loss Development Factors

<u>Policy Year</u>	<u>1st/2nd</u>	<u>Policy Year</u>	<u>2nd/3rd</u>	<u>Policy Year</u>	<u>3rd/4th</u>	<u>Policy Year</u>	<u>4th/5th</u>
2022	1.345	2021	1.091	2020	1.043	2019	1.026
2023	1.373	2022	1.087	2021	1.056	2020	1.029
Average	1.359	Average	1.089	Average	1.050	Average	1.028
<u>Policy Year</u>	<u>5th/6th</u>	<u>Policy Year</u>	<u>6th/7th</u>	<u>Policy Year</u>	<u>7th/8th</u>	<u>Policy Year</u>	<u>8th/9th</u>
2018	1.014	2017	1.012	2016	1.011	2015	1.008
2019	1.016	2018	1.006	2017	1.006	2016	1.003
Average	1.015	Average	1.009	Average	1.009	Average	1.006
<u>Policy Year</u>	<u>9th/10th</u>	<u>Policy Year</u>	<u>10th/11th</u>	<u>Policy Year</u>	<u>11th/12th</u>	<u>Policy Year</u>	<u>12th/13th</u>
2014	1.002	2013	1.000	2012	1.002	2011	1.002
2015	1.007	2014	1.002	2013	1.003	2012	1.003
Average	1.005	Average	1.001	Average	1.003	Average	1.003
<u>Policy Year</u>	<u>13th/14th</u>	<u>Policy Year</u>	<u>14th/15th</u>	<u>Policy Year</u>	<u>15th/16th</u>	<u>Policy Year</u>	<u>16th/17th</u>
2010	1.010	2009	1.003	2008	1.002	2007	1.002
2011	1.003	2010	1.004	2009	1.008	2008	1.001
Average	1.007	Average	1.004	Average	1.005	Average	1.002
<u>Policy Year</u>	<u>17th/18th</u>	<u>Policy Year</u>	<u>18th/19th</u>				
2006	1.001	2005	1.001				
2007	1.002	2006	1.001				
Average	1.002	Average	1.001				

NORTH CAROLINA

APPENDIX A-II

Determination of Premium and Losses Developed to an Ultimate Report

Section C2 - Limited Indemnity Paid + Case Loss Development Factors

<u>Policy Year</u>	<u>1st/2nd</u>	<u>Policy Year</u>	<u>2nd/3rd</u>	<u>Policy Year</u>	<u>3rd/4th</u>	<u>Policy Year</u>	<u>4th/5th</u>
2019	1.250	2018	1.068	2017	1.029	2016	1.012
2020	1.273	2019	1.082	2018	1.026	2017	1.009
2021	1.308	2020	1.092	2019	1.022	2018	1.008
2022	1.321	2021	1.091	2020	1.028	2019	1.014
2023	1.302	2022	1.073	2021	1.034	2020	1.009
Average	1.291	Average	1.081	Average	1.028	Average	1.010
<u>Policy Year</u>	<u>5th/6th</u>	<u>Policy Year</u>	<u>6th/7th</u>	<u>Policy Year</u>	<u>7th/8th</u>	<u>Policy Year</u>	<u>8th/9th</u>
2015	1.005	2014	1.003	2013	1.000	2012	1.002
2016	1.013	2015	1.001	2014	1.003	2013	1.001
2017	1.005	2016	1.004	2015	1.002	2014	1.002
2018	1.007	2017	1.006	2016	1.003	2015	1.003
2019	1.003	2018	1.002	2017	1.000	2016	0.999
Average	1.007	Average	1.003	Average	1.002	Average	1.001
<u>Policy Year</u>	<u>9th/10th</u>	<u>Policy Year</u>	<u>10th/11th</u>	<u>Policy Year</u>	<u>11th/12th</u>	<u>Policy Year</u>	<u>12th/13th</u>
2011	1.001	2010	1.007	2009	1.001	2008	1.002
2012	1.001	2011	1.000	2010	1.000	2009	1.001
2013	1.000	2012	0.999	2011	1.002	2010	1.000
2014	1.000	2013	1.001	2012	1.000	2011	1.000
2015	0.999	2014	1.000	2013	1.000	2012	1.000
Average	1.000	Average	1.001	Average	1.001	Average	1.001
<u>Policy Year</u>	<u>13th/14th</u>	<u>Policy Year</u>	<u>14th/15th</u>	<u>Policy Year</u>	<u>15th/16th</u>	<u>Policy Year</u>	<u>16th/17th</u>
2007	0.999	2006	1.002	2005	1.001	2004	1.000
2008	0.998	2007	1.000	2006	0.998	2005	1.000
2009	1.001	2008	1.002	2007	1.000	2006	1.005
2010	1.001	2009	0.999	2008	1.000	2007	1.000
2011	0.999	2010	1.000	2009	1.000	2008	1.001
Average	1.000	Average	1.001	Average	1.000	Average	1.001
<u>Policy Year</u>	<u>17th/18th</u>	<u>Policy Year</u>	<u>18th/19th</u>				
2003	1.000	2002	0.999				
2004	1.000	2003	1.000				
2005	1.000	2004	1.003				
2006	0.999	2005	0.999				
2007	1.000	2006	0.999				
Average	1.000	Average	1.000				

NORTH CAROLINA

APPENDIX A-II

Determination of Premium and Losses Developed to an Ultimate Report

Section C2 - Limited Medical Paid + Case Loss Development Factors

<u>Policy Year</u>	<u>1st/2nd</u>	<u>Policy Year</u>	<u>2nd/3rd</u>	<u>Policy Year</u>	<u>3rd/4th</u>	<u>Policy Year</u>	<u>4th/5th</u>
2019	1.002	2018	0.990	2017	0.987	2016	1.000
2020	0.996	2019	0.996	2018	0.988	2017	1.000
2021	1.018	2020	0.985	2019	0.961	2018	0.981
2022	0.969	2021	0.985	2020	0.983	2019	0.987
2023	1.009	2022	0.972	2021	1.026	2020	1.002
Average	0.999	Average	0.986	Average	0.989	Average	0.994
<u>Policy Year</u>	<u>5th/6th</u>	<u>Policy Year</u>	<u>6th/7th</u>	<u>Policy Year</u>	<u>7th/8th</u>	<u>Policy Year</u>	<u>8th/9th</u>
2015	1.003	2014	0.999	2013	1.000	2012	1.001
2016	0.995	2015	1.004	2014	1.001	2013	1.001
2017	1.000	2016	1.005	2015	0.999	2014	0.992
2018	1.010	2017	1.005	2016	0.993	2015	1.002
2019	1.000	2018	1.004	2017	0.988	2016	0.996
Average	1.002	Average	1.003	Average	0.996	Average	0.998
<u>Policy Year</u>	<u>9th/10th</u>	<u>Policy Year</u>	<u>10th/11th</u>	<u>Policy Year</u>	<u>11th/12th</u>	<u>Policy Year</u>	<u>12th/13th</u>
2011	0.997	2010	0.999	2009	1.012	2008	1.000
2012	0.998	2011	1.002	2010	1.001	2009	0.999
2013	1.000	2012	0.998	2011	1.000	2010	1.006
2014	1.004	2013	0.998	2012	1.000	2011	0.999
2015	1.002	2014	1.001	2013	1.000	2012	1.000
Average	1.000	Average	1.000	Average	1.003	Average	1.001
<u>Policy Year</u>	<u>13th/14th</u>	<u>Policy Year</u>	<u>14th/15th</u>	<u>Policy Year</u>	<u>15th/16th</u>	<u>Policy Year</u>	<u>16th/17th</u>
2007	1.001	2006	0.997	2005	1.001	2004	1.001
2008	0.998	2007	0.997	2006	0.996	2005	0.995
2009	0.999	2008	1.001	2007	0.999	2006	1.001
2010	1.001	2009	0.998	2008	0.998	2007	1.000
2011	0.999	2010	0.998	2009	1.002	2008	1.001
Average	1.000	Average	0.998	Average	0.999	Average	1.000
<u>Policy Year</u>	<u>17th/18th</u>	<u>Policy Year</u>	<u>18th/19th</u>				
2003	0.998	2002	1.003				
2004	1.003	2003	0.999				
2005	1.000	2004	1.004				
2006	0.998	2005	0.995				
2007	0.996	2006	0.996				
Average	0.999	Average	0.999				

NORTH CAROLINA

APPENDIX A-II

Determination of Premium and Losses Developed to an Ultimate Report

Section D - Determination of Policy Year Loss Development Factors (19th-to-Ultimate Report)

Indemnity Paid+Case Data for Matching Companies

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Policy Year	<u>Losses for Policy Year</u> 19th Report	<u>Losses for Policy Year</u> 20th Report	<u>Losses for All Prior Policy Years</u> Previous	<u>Losses for All Prior Policy Years</u> Current	Factor to Adjust Losses for Prior Policy Years	Indicated 19th-to-Ult Development for Policy Year
1996	140,561,670	140,846,248	2,748,072,811	2,749,956,102	1.300	1.012
1997	168,276,290	168,572,574	2,889,696,284	2,892,384,446	1.094	1.016
1998	236,447,182	236,461,091	2,832,350,416	2,833,534,413	0.730	1.007
1999	262,564,092	262,756,023	3,282,717,373	3,286,678,665	0.703	1.022
2000	268,776,813	268,900,177	3,548,938,318	3,550,856,384	0.700	1.011
2001	271,321,735	271,812,147	3,799,633,187	3,801,345,953	0.686	1.011
2002	278,198,849	278,587,594	4,031,353,062	4,032,470,390	0.646	1.008
2003	307,321,801	307,648,424	4,311,057,984	4,314,658,998	0.614	1.020
2004	320,708,892	320,732,969	4,622,773,880	4,624,205,200	0.628	1.007
2005	329,819,809	330,794,054	4,951,432,333	4,952,641,248	0.670	1.008
Selected Indemnity 19th-to-Ultimate Loss Development Factor						1.012

Medical Paid+Case Data for Matching Companies

(8)	(9)	(10)	(11)	(12)	(13)	(14)
Policy Year	<u>Losses for Policy Year</u> 19th Report	<u>Losses for Policy Year</u> 20th Report	<u>Losses for All Prior Policy Years</u> Previous	<u>Losses for All Prior Policy Years</u> Current	Factor to Adjust Losses for Prior Policy Years	Indicated 19th-to-Ult Development for Policy Year
1996	116,708,208	116,823,153	2,240,048,543	2,240,606,977	1.317	1.005
1997	133,792,125	134,081,591	2,356,505,757	2,354,698,250	1.160	0.991
1998	178,924,920	178,376,967	2,306,065,591	2,306,610,568	0.818	1.001
1999	203,212,240	203,223,116	2,656,882,396	2,657,454,263	0.782	1.004
2000	207,759,056	207,781,159	2,860,677,379	2,858,765,005	0.730	0.987
2001	210,168,019	211,693,661	3,051,324,992	3,050,364,014	0.753	1.001
2002	225,628,261	225,621,107	3,217,910,477	3,209,227,358	0.662	0.942
2003	248,277,383	248,440,662	3,434,848,465	3,438,240,123	0.628	1.022
2004	287,061,666	287,016,009	3,686,680,785	3,686,332,833	0.559	0.998
2005	289,446,920	291,779,345	3,978,586,587	3,981,843,899	0.625	1.026
Selected Medical 19th-to-Ultimate Loss Development Factor						1.000

$$(7) = 1 + [(3) - (2) + ((5) - (4)) / (6)] / (2)$$

$$(14) = 1 + [(10) - (9) + ((12) - (11)) / (13)] / (9)$$

Columns (4) and (11) are valued as of the date at which the given policy year is at a 19th report.

Columns (5) and (12) are valued as of the date at which the given policy year is at a 20th report.

NORTH CAROLINA

APPENDIX A-II

Determination of Premium and Losses Developed to an Ultimate Report

Section E - Derivation of Policy Year Limited 19th-to-Ultimate Loss Development Factors

Policy Year	Indemnity Paid-to- Paid + Case Ratio 19th Report	Medical Paid-to- Paid + Case Ratio 19th Report
2002	0.985	0.969
2003	0.986	0.969
2004	0.990	0.975
2005	0.991	0.981
2006	0.992	0.990
Selected	0.994	0.979

Indemnity Tail

(1) Paid+Case 19th-to-Ultimate Loss Development Factor (Section D)	1.012
(2) Factor to Adjust 19th-to-Ultimate Development Factor to a Limited Basis	0.752
(3) Limited Paid+Case 19th-to-Ultimate Loss Development Factor = $[(1) - 1] \times (2) + 1$	1.009
(4) Limited Paid-to-Paid+Case Ratio	0.994
(5) Limited Paid 19th-to-Ultimate Loss Development Factor = (3) / (4)	1.015

Medical Tail

(1) Paid+Case 19th-to-Ultimate Loss Development Factor (Section D)	1.000
(2) Factor to Adjust 19th-to-Ultimate Development Factor to a Limited Basis	0.752
(3) Limited Paid+Case 19th-to-Ultimate Loss Development Factor = $[(1) - 1] \times (2) + 1$	1.000
(4) Limited Paid-to-Paid+Case Ratio	0.979
(5) Limited Paid 19th-to-Ultimate Loss Development Factor = (3) / (4)	1.021

Section F1 - Summary of Limited Paid Loss Development Factors

(1) Indemnity Paid Loss Development			(3) Medical Paid Loss Development		
Report	to Next Report	to Ultimate	Report	to Next Report	to Ultimate
1st	1.846	2.804	1st	1.359	1.750
2nd	1.236	1.519	2nd	1.089	1.288
3rd	1.097	1.229	3rd	1.050	1.183
4th	1.035	1.120	4th	1.028	1.127
5th	1.015	1.082	5th	1.015	1.096
6th	1.013	1.066	6th	1.009	1.080
7th	1.009	1.052	7th	1.009	1.070
8th	1.008	1.043	8th	1.006	1.060
9th	1.004	1.035	9th	1.005	1.054
10th	1.003	1.031	10th	1.001	1.049
11th	1.001	1.028	11th	1.003	1.048
12th	1.001	1.027	12th	1.003	1.045
13th	1.002	1.026	13th	1.007	1.042
14th	1.002	1.024	14th	1.004	1.035
15th	1.002	1.022	15th	1.005	1.031
16th	1.001	1.020	16th	1.002	1.026
17th	1.002	1.019	17th	1.002	1.024
18th	1.002	1.017	18th	1.001	1.022
19th		1.015	19th		1.021

(2) = Cumulative upward product of column (1).

(4) = Cumulative upward product of column (3).

NORTH CAROLINA

APPENDIX A-II

Determination of Premium and Losses Developed to an Ultimate Report

Section F2 - Summary of Limited Paid+Case Loss Development Factors

	(1)	(2)
	<u>Indemnity Paid+Case Loss Development</u>	
<u>Report</u>	<u>to Next Report</u>	<u>to Ultimate</u>
1st	1.291	1.487
2nd	1.081	1.152
3rd	1.028	1.066
4th	1.010	1.037
5th	1.007	1.027
6th	1.003	1.020
7th	1.002	1.017
8th	1.001	1.015
9th	1.000	1.014
10th	1.001	1.014
11th	1.001	1.013
12th	1.001	1.012
13th	1.000	1.011
14th	1.001	1.011
15th	1.000	1.010
16th	1.001	1.010
17th	1.000	1.009
18th	1.000	1.009
19th		1.009

	(3)	(4)
	<u>Medical Paid+Case Loss Development</u>	
<u>Report</u>	<u>to Next Report</u>	<u>to Ultimate</u>
1st	0.999	0.966
2nd	0.986	0.967
3rd	0.989	0.981
4th	0.994	0.992
5th	1.002	0.998
6th	1.003	0.996
7th	0.996	0.993
8th	0.998	0.997
9th	1.000	0.999
10th	1.000	0.999
11th	1.003	0.999
12th	1.001	0.996
13th	1.000	0.995
14th	0.998	0.995
15th	0.999	0.997
16th	1.000	0.998
17th	0.999	0.998
18th	0.999	0.999
19th		1.000

(2) = Cumulative upward product of column (1).

(4) = Cumulative upward product of column (3).

NORTH CAROLINA

APPENDIX A-II

Determination of Premium and Losses Developed to an Ultimate Report

Section G - Factor to Adjust Limited Losses to an Unlimited Basis

(1) Threshold at the Midpoint of the Loss Cost Effective Period*	12,144,669
(2) Statewide Excess Ratio for (1)	0.013
(3) Market Share for Carriers Missing from Large Loss and Catastrophe Call	0.000
(4) Factor to Adjust Limited Losses to an Unlimited Basis = $1.0 / \{1.0 - [(2) \times (1.0 - (3))]\}$	1.013

Section H - Policy Year Large Loss Limits

Experience Year	Policy Year Detrended Limit
2024	10,729,567
2023	10,265,935
2022	9,858,425
2021	9,311,931
2020	8,703,014
2019	8,200,994
2018	7,863,034
2017	7,590,425
2016	7,320,778
2015	7,147,545
2014	6,966,891
2013	6,759,643
2012	6,614,488
2011	6,466,689
2010	6,303,872
2009	6,104,981
2008	6,015,338
2007	5,947,939
2006	5,778,430
2005	5,558,897
2004	5,361,887
2003	5,173,088
2002	5,015,672

* March 21, 2028 is the midpoint of the effective period for which the revised loss costs are being proposed.

NORTH CAROLINA

APPENDIX A-III

Policy Year Trend

Section A - Summary of Annual Trends

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Policy Year	Lost-Time Claim Frequency*	Avg Cost Per Case** [^]	Indemnity Loss Ratio [^]	Avg Cost Per Case** [^]	Medical Loss Ratio [^]	Adjusted Loss Ratio ^{^+}
2017	17.2	39,684	0.684	33,528	0.578	0.578
2018	16.9	40,662	0.686	35,810	0.604	0.604
2019	15.3	42,448	0.649	37,847	0.579	0.579
2020	15.6	39,415	0.614	34,764	0.541	0.558
2021	15.2	38,733	0.587	34,059	0.516	0.552
2022	14.3	39,666	0.568	32,230	0.462	0.506
2023	12.9	40,628	0.522	32,149	0.413	0.454
2024	12.3	39,122	0.480	28,967	0.355	0.393

* Figures have been adjusted to the current wage level.

[^] Based on an average of paid and paid+case losses.

* Additional detail in Appendix A-III Section B2 and Exhibit RB-3.

	<u>Indemnity</u>	<u>Medical</u>
(1) Current Approved Annual Loss Ratio Trend Factor	0.955	0.950
(2) Range of Indicated Annual Trend Factors Based on Frequency and Severity Analysis		
Lower estimate:	0.925	0.898
Upper estimate:	0.974	0.948
Prospective Inflation Analysis		
Lower estimate:	-	0.910
Upper estimate:	-	0.956
(3) Selected Annual Loss Ratio Trend Factor	0.950	0.950

(4) Length of Trend Period from Midpoint of Policy Year to Midpoint of Effective Period:

	<u>Years</u>
Policy Year 2024	3.313
Policy Year 2023	4.313

(5) Trend Factor Applied to Experience Year = (3) ^ (4)

	<u>Indemnity</u>	<u>Medical</u>
Policy Year 2024	0.844	0.844
Policy Year 2023	0.802	0.802

NORTH CAROLINA

APPENDIX A-III

Policy Year Trend

Section B1 - Summary of Data Points Underlying Trend Analysis

Policy Year	Paid Indemnity Loss Ratio	Paid Medical Loss Ratio	Paid+Case Indemnity Loss Ratio	Paid+Case Medical Loss Ratio	Claim Frequency	Paid Indemnity Avg. Cost Per Case	Paid Medical Avg. Cost Per Case	Paid+Case Indemnity Avg. Cost Per Case	Paid+Case Medical Avg. Cost Per Case
2017	0.690	0.590	0.678	0.565	17.2	40,036	34,252	39,332	32,805
2018	0.690	0.612	0.681	0.596	16.9	40,921	36,271	40,402	35,348
2019	0.653	0.587	0.646	0.571	15.3	42,671	38,361	42,226	37,333
2020	0.618	0.549	0.609	0.534	15.6	39,700	35,256	39,129	34,272
2021	0.587	0.513	0.588	0.520	15.2	38,696	33,836	38,771	34,281
2022	0.573	0.473	0.564	0.450	14.3	39,965	33,031	39,367	31,428
2023	0.529	0.420	0.515	0.407	12.9	41,166	32,660	40,090	31,638
2024	0.493	0.368	0.467	0.342	12.3	40,171	30,011	38,073	27,922

Section B2 - Adjusted Medical Loss Ratio

% Change	2017	2018	2019	2020	2021	2022	2023	2024
Unadjusted Med L/R	-6.0%	4.5%	-4.1%	-6.6%	-4.6%	-10.5%	-10.6%	-14.0%
PY PHC Index**	1.4%	1.5%	1.7%	2.0%	2.1%	2.4%	2.8%	2.8%
PY QCEW AWW^+	3.7%	3.6%	4.3%	6.2%	7.0%	5.9%	4.2%	4.5%
Adjusted Med L/R**	--	--	--	-3.7%	-1.0%	-8.3%	-10.3%	-13.5%
Adjusted Loss Ratio^^	0.578	0.604	0.579	0.558	0.552	0.506	0.454	0.393

* The PHC Chain-Weighted Price Index, produced by the Centers for Medicare & Medicaid Services, is a proxy for medical care price inflation that responds to changes in the blend of different medical services over time.

^ Quarterly Census of Employment and Wages, Average Weekly Wage, as measured by the US Bureau of Labor Statistics.

** = $(1 + \text{Unadjusted Med L/R \% Change}) \times [(1 + \text{QCEW AWW \% Change}) / (1 + 4.0\%)] \times [(1 + 3.0\%) / (1 + \text{PHC Index \% Change})] - 1$, where 4.0% and 3.0% are the prospective wage and medical inflation expectations, respectively.

^^ The loss ratio from 2017-2019 is unadjusted. For each successive year, Adjusted Loss Ratio = (Adjusted Med L/R % Change) x (prior year's Adjusted Loss Ratio).

+ PY values reflect a weighting of values corresponding to subsequent years (e.g., PY 2017 PHC is based on the PHC for CYs 2017 and 2018).

NORTH CAROLINA
APPENDIX A-III
Loss Ratio Trend Supporting Information
Financial Data is Valued as of December 31, 2025

Section C - Premium

Policy Year	(1) Policy Year Premium	(2) Premium Devel Factor	(3) Ultimate Premium (1) x (2)	(4) On-level Factor	(5) On-level Devel Prem (3) x (4)
2017	1,032,688,524	xxx	1,032,688,524	0.411	424,434,983
2018	982,865,878	xxx	982,865,878	0.467	458,998,365
2019	898,092,822	xxx	898,092,822	0.545	489,460,588
2020	828,556,447	xxx	828,556,447	0.622	515,362,110
2021	874,871,492	1.000	874,871,492	0.663	580,039,799
2022	930,479,384	1.000	930,479,384	0.697	648,544,131
2023	943,159,420	1.002	945,045,739	0.733	692,718,527
2024	896,715,940	1.025	919,133,839	0.799	734,387,937

Section D - Paid Loss Ratios

Policy Year	(1) Paid Indemnity Losses	(2) Loss Devel Factor	(3) Ultimate Ind. Loss (1) x (2)	(4) On-level Factor	(5) On-level Devel Ind. Loss (3) x (4)	(6) Paid Ind. Loss Ratio (5)/[Section C (5)]
2017	280,766,623	1.043	292,839,588	1.000	292,839,588	0.690
2018	301,161,983	1.052	316,822,406	1.000	316,822,406	0.690
2019	299,603,527	1.066	319,377,360	1.000	319,377,360	0.653
2020	294,395,055	1.082	318,535,450	1.000	318,535,450	0.618
2021	303,791,748	1.120	340,246,758	1.000	340,246,758	0.587
2022	302,128,011	1.229	371,315,326	1.000	371,315,326	0.573
2023	241,261,895	1.519	366,476,819	1.000	366,476,819	0.529
2024	129,007,958	2.804	361,738,314	1.000	361,738,314	0.493

Policy Year	(7) Paid Medical Losses	(8) Loss Devel Factor	(9) Ultimate Med. Loss (7) x (8)	(10) On-level Factor	(11) On-level Devel Med. Loss (9) x (10)	(12) Paid Med. Loss Ratio (11)/[Section C (5)]
2017	222,366,192	1.060	235,708,164	1.063	250,557,778	0.590
2018	249,483,010	1.070	266,946,821	1.052	280,828,056	0.612
2019	255,139,578	1.080	275,550,744	1.042	287,123,875	0.587
2020	250,582,888	1.096	274,638,845	1.030	282,878,010	0.549
2021	259,043,016	1.127	291,941,479	1.019	297,488,367	0.513
2022	255,898,216	1.183	302,727,590	1.014	306,965,776	0.473
2023	223,808,780	1.288	288,265,709	1.009	290,860,100	0.420
2024	153,967,772	1.750	269,443,601	1.003	270,251,932	0.368

Section E - Paid+Case Loss Ratios

Policy Year	(1) Paid+Case Indemnity Losses	(2) Loss Devel Factor	(3) Ultimate Ind. Loss (1) x (2)	(4) On-level Factor	(5) On-level Devel Ind. Loss (3) x (4)	(6) Paid+Case Ind. Loss Ratio (5)/[Section C (5)]
2017	283,440,215	1.015	287,691,818	1.000	287,691,818	0.678
2018	307,578,279	1.017	312,807,110	1.000	312,807,110	0.681
2019	309,855,218	1.020	316,052,322	1.000	316,052,322	0.646
2020	305,699,711	1.027	313,953,603	1.000	313,953,603	0.609
2021	328,734,944	1.037	340,898,137	1.000	340,898,137	0.588
2022	343,119,146	1.066	365,765,010	1.000	365,765,010	0.564
2023	309,802,777	1.152	356,892,799	1.000	356,892,799	0.515
2024	230,566,147	1.487	342,851,861	1.000	342,851,861	0.467

Policy Year	(7) Paid+Case Medical Losses	(8) Loss Devel Factor	(9) Ultimate Med. Loss (7) x (8)	(10) On-level Factor	(11) On-level Devel Med. Loss (9) x (10)	(12) Paid+Case Med. Loss Ratio (11)/[Section C (5)]
2017	226,432,798	0.997	225,753,500	1.063	239,975,971	0.565
2018	261,988,188	0.993	260,154,271	1.052	273,682,293	0.596
2019	269,243,573	0.996	268,166,599	1.042	279,429,596	0.571
2020	267,509,486	0.998	266,974,467	1.030	274,983,701	0.534
2021	298,164,319	0.992	295,779,004	1.019	301,398,805	0.520
2022	293,613,593	0.981	288,034,935	1.014	292,067,424	0.450
2023	288,776,924	0.967	279,247,286	1.009	281,760,512	0.407
2024	259,511,151	0.966	250,687,772	1.003	251,439,835	0.342

NORTH CAROLINA
APPENDIX A-III
Frequency and Severity Trend Supporting Information
Financial Data is Valued as of December 31, 2025

Section F - Claim Frequency

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
			= (1)x(2)			= (4)x(5)			= (6)x(7)x(8)	= (3)/(9)
Policy Year	Policy Year Claims	Claim Devel Factor	Ultimate Claim Counts	Policy Year Premium	Premium Devel Factor	Ultimate Premium	On-level Factor	Factor to Adjust to 2024 Wage Levels	On-level Devel Prem Adj to 2024 Wage Level	Claim Freq Per Million of On-level Premium
2017	10,350	1.000	10,350	1,032,688,524	1.000	1,032,688,524	0.411	1.415	601,024,721	17.2
2018	10,576	1.000	10,576	982,865,878	1.000	982,865,878	0.467	1.366	627,068,430	16.9
2019	9,805	1.000	9,805	898,092,822	1.000	898,092,822	0.545	1.310	641,238,275	15.3
2020	9,901	1.000	9,901	828,556,447	1.000	828,556,447	0.622	1.234	636,331,351	15.6
2021	10,128	1.001	10,138	874,871,492	1.000	874,871,492	0.663	1.153	668,401,820	15.2
2022	10,098	1.002	10,118	930,479,384	1.000	930,479,384	0.697	1.089	706,233,852	14.3
2023	9,257	1.005	9,303	943,159,420	1.002	945,045,739	0.733	1.045	723,905,036	12.9
2024	8,667	1.039	9,005	896,715,940	1.025	919,133,839	0.799	1.000	734,387,937	12.3

Section G - Paid Severity

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
			= (1)x(2)			= (4)x(5)			= (6)x(7)x(8)	= (9)/(3)
Policy Year	Policy Year Claims	Claim Devel Factor	Ultimate Claim Counts	Paid Indemnity Losses	Paid Indemnity LDF	Ultimate Indemnity Losses	On-level Factor	Factor to Adjust to 2024 Wage Levels	On-level Devel Indemnity Losses Adj to 2024 Wage Level	Average Claim Severity
2017	10,350	1.000	10,350	280,766,623	1.043	292,839,588	1.000	1.415	414,368,017	40,036
2018	10,576	1.000	10,576	301,161,983	1.052	316,822,406	1.000	1.366	432,779,407	40,921
2019	9,805	1.000	9,805	299,603,527	1.066	319,377,360	1.000	1.310	418,384,342	42,671
2020	9,901	1.000	9,901	294,395,055	1.082	318,535,450	1.000	1.234	393,072,745	39,700
2021	10,128	1.001	10,138	303,791,748	1.120	340,246,758	1.000	1.153	392,304,512	38,696
2022	10,098	1.002	10,118	302,128,011	1.229	371,315,326	1.000	1.089	404,362,390	39,965
2023	9,257	1.005	9,303	241,261,895	1.519	366,476,819	1.000	1.045	382,968,276	41,166
2024	8,667	1.039	9,005	129,007,958	2.804	361,738,314	1.000	1.000	361,738,314	40,171

	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
			= (11)x(12)			= (14)x(15)			= (16)x(17)x(18)	= (19)/(13)
Policy Year	Policy Year Claims	Claim Devel Factor	Ultimate Claim Counts	Paid Medical Losses	Paid Medical LDF	Ultimate Medical Losses	On-level Factor	Factor to Adjust to 2024 Wage Levels	On-level Devel Medical Losses Adj to 2024 Wage Level	Average Medical Claim Severity
2017	10,350	1.000	10,350	222,366,192	1.060	235,708,164	1.063	1.415	354,505,079	34,252
2018	10,576	1.000	10,576	249,483,010	1.070	266,946,821	1.052	1.366	383,602,582	36,271
2019	9,805	1.000	9,805	255,139,578	1.080	275,550,744	1.042	1.310	376,126,766	38,361
2020	9,901	1.000	9,901	250,582,888	1.096	274,638,845	1.030	1.234	349,065,972	35,256
2021	10,128	1.001	10,138	259,043,016	1.127	291,941,479	1.019	1.153	343,031,238	33,836
2022	10,098	1.002	10,118	255,898,216	1.183	302,727,590	1.014	1.089	334,211,259	33,031
2023	9,257	1.005	9,303	223,808,780	1.288	288,265,709	1.009	1.045	303,832,057	32,660
2024	8,667	1.039	9,005	153,967,772	1.750	269,443,601	1.003	1.000	270,251,932	30,011

Section H - Paid+Case Severity

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
			= (1)x(2)			= (4)x(5)			= (6)x(7)x(8)	= (9)/(3)
Policy Year	Policy Year Claims	Claim Devel Factor	Ultimate Claim Counts	Paid+Case Indemnity Losses	Paid+Case Indemnity LDF	Ultimate Indemnity Losses	On-level Factor	Factor to Adjust to 2024 Wage Levels	On-level Devel Indemnity Losses Adj to 2024 Wage Level	Average Indemnity Claim Severity
2017	10,350	1.000	10,350	283,440,215	1.015	287,691,818	1.000	1.415	407,083,922	39,332
2018	10,576	1.000	10,576	307,578,279	1.017	312,807,110	1.000	1.366	427,294,512	40,402
2019	9,805	1.000	9,805	309,855,218	1.020	316,052,322	1.000	1.310	414,028,542	42,226
2020	9,901	1.000	9,901	305,699,711	1.027	313,953,603	1.000	1.234	387,418,746	39,129
2021	10,128	1.001	10,138	328,734,944	1.037	340,898,137	1.000	1.153	393,055,552	38,771
2022	10,098	1.002	10,118	343,119,146	1.066	365,765,010	1.000	1.089	398,318,096	39,367
2023	9,257	1.005	9,303	309,802,777	1.152	356,892,799	1.000	1.045	372,952,975	40,090
2024	8,667	1.039	9,005	230,566,147	1.487	342,851,861	1.000	1.000	342,851,861	38,073

	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
			= (11)x(12)			= (14)x(15)			= (16)x(17)x(18)	= (19)/(13)
Policy Year	Policy Year Claims	Claim Devel Factor	Ultimate Claim Counts	Paid+Case Medical Losses	Paid+Case Medical LDF	Ultimate Medical Losses	On-level Factor	Factor to Adjust to 2024 Wage Levels	On-level Devel Medical Losses Adj to 2024 Wage Level	Average Medical Claim Severity
2017	10,350	1.000	10,350	226,432,798	0.997	225,753,500	1.063	1.415	339,533,264	32,805
2018	10,576	1.000	10,576	261,988,188	0.993	260,154,271	1.052	1.366	373,841,687	35,348
2019	9,805	1.000	9,805	269,243,573	0.996	268,166,599	1.042	1.310	366,047,408	37,333
2020	9,901	1.000	9,901	267,509,486	0.998	266,974,467	1.030	1.234	339,324,548	34,272
2021	10,128	1.001	10,138	298,164,319	0.992	295,779,004	1.019	1.153	347,540,330	34,281
2022	10,098	1.002	10,118	293,613,593	0.981	288,034,935	1.014	1.089	317,990,568	31,428
2023	9,257	1.005	9,303	288,776,924	0.967	279,247,286	1.009	1.045	294,326,639	31,638
2024	8,667	1.039	9,005	259,511,151	0.966	250,687,772	1.003	1.000	251,439,835	27,922

NORTH CAROLINA

APPENDIX A-IV

NCRB and NCCI maintain several data reporting initiatives and programs to assist carriers to report data and to ensure that the data that is reported is complete, accurate, and reported in a timely fashion. Occasionally, a particular carrier's data submission is not available for use in a filing either because the data was not reported prior to the filing, was not accurate, or NCCI determined that the data that was reported should not be included in the filing based on NCCI's actuarial judgment.

All carriers writing more than one-tenth of one percent of the North Carolina workers compensation written premium volume and whose aggregate financial data is not included in this filing are listed below. The listing is separated between policy years 2024 and 2023 aggregate data.

Carriers not included in policy year experience valued as of December 31, 2025

Policy Year 2024

Name of Carrier

None

Percentage of
Premium Volume

Policy Year 2023

Name of Carrier

None

Percentage of
Premium Volume

Note: Based on 2024 and 2023 data from the NAIC.

NORTH CAROLINA

APPENDIX A-V

Derivation of Industry Group Differentials

Industry group differentials are used to more equitably distribute the overall loss cost level change based on the individual experience of each industry group. The payroll, losses and claim counts used in the calculations below are from the North Carolina Workers Compensation Statistical Plan ("Workers Compensation Statistical Plan" or "WCSP") data.

I. Expected Losses

The current expected losses (columns (1) and (2)) are the payroll extended by the pure premiums underlying the latest approved loss costs. The proposed expected losses (3) are the current expected losses adjusted to the proposed level. These adjustments include the proposed experience, trend, benefit and, if applicable, loss-based expense changes as well as any miscellaneous premium adjustments.

Industry Group	(1) Latest Year Current Expected Losses Prior to Adjustment for Change in Off-Balance	(2) Five Year Current Expected Losses Prior to Adjustment for Change in Off-Balance	(3) Five Year Proposed Expected Losses Prior to Adjustment for Change in Off-Balance	(4) Current Ratio of Manual to Standard Premium	(5) Proposed Ratio of Manual to Standard Premium
Manufacturing	201,402,456	882,748,711	789,326,745	1.100	1.096
Contracting	262,326,742	1,058,124,024	946,504,397	1.089	1.084
Office & Clerical	103,186,955	452,742,141	405,110,354	1.133	1.138
Goods & Services	331,645,390	1,415,375,264	1,265,988,238	1.037	1.034
Miscellaneous	229,354,576	981,388,808	875,696,468	1.036	1.033
Statewide	1,127,916,120	4,790,378,949	4,282,626,203		

Industry Group	(6) Latest Year Current Expected Losses Adjusted for Change in Off-Balance (1)x(4)/(5)	(7) Five Year Current Expected Losses Adjusted for Change in Off-Balance (2)x(4)/(5)	(8) Five Year Proposed Expected Losses Adjusted for Change in Off-Balance (3)x(4)/(5)	(9) Current/ Proposed (7)/(8)	(10) Adjustment to Proposed for Current Relativity (9)IG/(9)SW
Manufacturing	202,137,502	885,970,422	792,207,500	1.118	0.999
Contracting	263,536,736	1,063,004,670	950,870,193	1.118	0.999
Office & Clerical	102,733,585	450,752,940	403,330,431	1.118	0.999
Goods & Services	332,607,611	1,419,481,768	1,269,661,318	1.118	0.999
Miscellaneous	230,020,659	984,238,921	878,239,633	1.121	1.002
Statewide	1,131,036,093	4,803,448,721	4,294,309,075	1.119	1.000

NORTH CAROLINA

APPENDIX A-V

II. Industry Group Differentials

To calculate the converted indicated balanced losses (11) the reported losses are limited to \$500,000 for a single claim occurrence and \$1,500,000 for each multiple claim occurrence. After the application of limited development, trend and benefit factors, the limited losses are brought to an unlimited level through the application of the expected excess provision. The expected excess loss provisions are non-catastrophe and the excess ratios at a loss limit of \$50 million are set equal to zero. The proposed experience change, applicable loss-based expenses and any miscellaneous premium adjustments are applied to calculate the indicated losses. These indicated losses are then balanced to the expected losses using the factors shown in Appendix B-I, Section A-3.

Industry Group	(11) Converted Indicated Balanced Losses	(12) Indicated/ Expected Ratio (11)/[(8)x(10)]	(13) Indicated Differential (12)IG/(12)SW	(14) Lost-Time Claim Counts
Manufacturing	792,376,754	1.001	1.002	16,836
Contracting	937,282,614	0.987	0.988	12,393
Office & Clerical	395,025,082	0.980	0.981	8,948
Goods & Services	1,287,466,025	1.015	1.016	34,477
Miscellaneous	875,310,058	0.995	0.996	14,771
Statewide	4,287,460,533	0.999		

Industry Group	(15) Full Credibility Standard for Lost-Time Claim Counts	(16) Credibility Minimum of 1.000 and ((14)/(15))^0.5	(17) Credibility Weighted Indicated/Expected Ratio [(16)IGx(12)IG] + [1-(16)IG]x(12)SW*	(18) Final Industry Group Differential (17)IG/(17)SW
Manufacturing	12,000	1.00	1.001	1.002
Contracting	12,000	1.00	0.987	0.988
Office & Clerical	12,000	0.86	0.983	0.984
Goods & Services	12,000	1.00	1.015	1.016
Miscellaneous	12,000	1.00	0.995	0.996
Statewide			0.999	1.000

*Statewide ratio (column 17) = $\Sigma_{IG}[(6)x(17)] \div \Sigma_{IG}(6)$

North Carolina

APPENDIX A-V

III. Description of Industry Group Differentials

Column (2) reflects the indemnity and medical combined expected losses calculated as five years of payroll (in hundreds) extended separately by indemnity and medical pure premiums underlying the latest approved loss costs. Column (3) adjusts the current expected losses to the proposed level by applying the components of the proposed loss cost level change. These components are applied separately for indemnity and medical, where possible. These adjustments are reflected in Appendix B-I, Section B.

Column (4) shows the current manual premium to standard premium ratios that were calculated using the latest five years of WCSP data used in the currently approved North Carolina filing. Column (5) shows the proposed manual premium to standard premium ratios calculated using the latest five years of manual premium and experience modification factors reported in the WCSP data used in the proposed North Carolina filing. "Proposed" ratio refers to the fact that these ratios are based on the latest available WCSP data in the proposed filing, and they are used to adjust the proposed industry group differentials to reflect the latest available impact of experience rating by industry group. The differences between columns (4) and (5) relate to the different periods of data being used, which are rolling 5-year periods.

Columns (6), (7), and (8) are based on columns (1), (2), and (3), respectively, and include an adjustment for the change in the average experience rating off-balance by Industry Group (IG). The adjustment for the change in the average experience rating off-balance by IG is reflected by multiplying columns (1), (2), and (3) by the ratio of column (4) to column (5). The ratio of column (4) to column (5) adjusts the current and proposed expected losses (and therefore the IG differentials) to reflect the latest available impact of experience rating by industry group.

The expected losses in column (6) are used as the IG weights when determining the statewide average Credibility Weighted Indicated-to-Expected Ratio in column (17).

The expected losses in columns (7) and (8) are used to determine the relative IG changes from the prior filing to the proposed filing in column (9). Since the indicated IG relativities in column (9) reflect a statewide average that differs from 1.000, the calculation in column (10) ensures that the indicated changes by IG balance to the overall proposed statewide loss cost level change.

Column (13) normalizes the indicated to expected ratios determined in column (12) to determine differentials before credibility weighting. The credibilities are calculated for each industry group using actual lost-time cases (column (14)) and the full credibility standard. The full credibility standard (column (15)) is determined based on an analysis of five successive years of five industry group differential fluctuations across 36 states. In column (16), the credibility is 1.00 when lost-time claims exceed 12,000. The final differentials reflected in column (18) are the normalized credibility weighted industry group differentials calculated in column (17).

NORTH CAROLINA

APPENDIX B-I

Distribution of Loss Cost Level Change to Occupational Classification

After determining the required changes in the overall loss cost level for the state and by industry group, the next step in the ratemaking procedure is to distribute these changes among the various occupational classifications. In order to do this, the pure premiums by classification must be adjusted, by policy period, industry group, or on an overall basis, to incorporate the changes proposed in the filing. There are three sets of pure premiums for each classification: indicated, present on rate level, and national pure premiums.

Section A – Calculation of Indicated Pure Premiums

The indicated pure premiums are calculated from the payroll and loss data reported, by class code and policy period, in the Workers Compensation Statistical Plan (WCSP) for the latest available five policy periods. Various adjustments are made to these pure premiums to put them at the level proposed in this filing (Sections A-1 to A-3).

Section A-1 – Calculation of Primary Conversion Factors

1. Limited Loss Development Factors*

The following factors are applied to develop the losses from first through fifth report to an ultimate basis.

Policy Period	Indemnity		Medical	
	Likely-to-Develop	Not-Likely-to-Develop	Likely-to-Develop	Not-Likely-to-Develop
1/19-12/19	1.051	1.017	1.001	0.999
1/20-12/20	1.073	1.028	1.001	0.997
1/21-12/21	1.115	1.055	0.993	0.994
1/22-12/22	1.266	1.137	0.973	0.982
1/23-12/23	1.998	1.446	0.981	0.952

*The likely/not-likely development factors reflect a 60% likely / 40% not-likely distribution of the total tail development.

2. Factors to Adjust to the Proposed Trend Level

The proposed trend factors are applied to adjust the losses to the proposed level.

Policy Period	Indemnity	Medical
1/19-12/19	0.653	0.653
1/20-12/20	0.688	0.688
1/21-12/21	0.724	0.724
1/22-12/22	0.762	0.762
1/23-12/23	0.802	0.802

3. Factors to Adjust to the Proposed Benefit Level

The following factors are applied to adjust the losses to the proposed benefit level.

Policy Period	Fatal	Permanent Total (P.T.)	Permanent Partial (P.P.)	Temporary Total (T.T.)	Medical
1/19-12/19	1.000	1.000	1.000	1.000	1.059
1/20-12/20	1.000	1.000	1.000	1.000	1.046
1/21-12/21	1.000	1.000	1.000	1.000	1.035
1/22-12/22	1.000	1.000	1.000	1.000	1.030
1/23-12/23	1.000	1.000	1.000	1.000	1.025

NORTH CAROLINA

APPENDIX B-I

4. Primary Conversion Factors: Indicated Pure Premiums

The factors above, contained within Section A-1, are combined multiplicatively, resulting in the following factors for the Likely-to-Develop (L) and Not-Likely-to-Develop (NL) groupings.

Policy Period	Fatal (L)	Fatal (NL)	P.T.*	P.P. (L)	P.P. (NL)	T.T. (L)	T.T. (NL)	Medical (L)	Medical (NL)
1/19-12/19	0.686	0.664	0.686	0.686	0.664	0.686	0.664	0.692	0.691
1/20-12/20	0.738	0.707	0.738	0.738	0.707	0.738	0.707	0.720	0.717
1/21-12/21	0.807	0.764	0.807	0.807	0.764	0.807	0.764	0.744	0.745
1/22-12/22	0.965	0.866	0.965	0.965	0.866	0.965	0.866	0.764	0.771
1/23-12/23	1.602	1.160	1.602	1.602	1.160	1.602	1.160	0.806	0.783

* Permanent total losses are always assigned to the Likely-to-Develop grouping.

Section A-2 – Expected Excess Provision and Redistribution

After the application of the primary conversion factors, the limited losses are brought to an expected unlimited level through the application of excess loss factors by hazard group. The expected excess loss provisions are non-catastrophe and the excess ratios at a loss limit of \$50 million are set equal to zero. These factors are shown below.

Hazard Group	A	B	C	D	E	F	G
(1) Excess Ratios	0.121	0.151	0.193	0.210	0.277	0.314	0.351
(2) Excess Factors 1/(1-(1))	1.138	1.178	1.239	1.266	1.383	1.458	1.541

As the excess loss factors are on a combined (indemnity and medical) basis, a portion (40%) of the indemnity expected excess losses are redistributed to medical in order to more accurately allocate expected excess losses. Since a portion of the expected excess losses are redistributed in an additive manner, the expected excess factors shown above cannot be combined multiplicatively with either the primary or secondary loss conversion factors.

NORTH CAROLINA

APPENDIX B-I

Section A-3 – Calculation of Secondary Conversion Factors

1. Factors to Adjust for Proposed Industry Group Differentials

The following factors are applied to adjust the indicated industry group differentials for the effects of credibility weighting the industry group differentials and weighting the differentials by the latest year expected losses.

	Manufacturing	Contracting	Office and Clerical	Goods and Services	Miscellaneous
(1) Indicated Differentials*	1.002	0.988	0.981	1.016	0.996
(2) Final Differentials**	1.002	0.988	0.984	1.016	0.996
(3) Adjustment (2)/(1)	1.000	1.000	1.003	1.000	1.000

*See Appendix A-V, column (13).

**See Appendix A-V, column (18).

2. Factors to Balance Indicated to Expected Losses

The expected losses are calculated as the pure premium underlying the current loss costs, adjusted to the proposed level and adjusted for the Experience Rating Plan off-balance. The indicated losses are balanced to the expected losses by applying the following factors.

Policy Period	(1) Adjustment of Indicated Losses to Pure Premium at Proposed Level	(2) Current Ratio of Manual to Standard Premium	(3) Proposed Ratio of Manual to Standard Premium	(4) Off-balance Adjustment (2)/(3)	(5) Balancing Indicated to Expected Losses (1)x(4)
1/19-12/19	0.841	1.069	1.073	0.996	0.838
1/20-12/20	0.836	1.069	1.065	1.004	0.839
1/21-12/21	0.822	1.069	1.062	1.007	0.828
1/22-12/22	0.815	1.069	1.066	1.003	0.817
1/23-12/23	0.866	1.069	1.071	0.998	0.864

3. Adjustment for Experience Change

A factor of 0.894 is applied to adjust for the experience change in the proposed loss cost level.

4. Factor to Reflect the Proposed Loss-Based Expense Provisions

A factor of 1.205 is applied to include the proposed loss-based expense provisions.

5. Secondary Conversion Factors: Indicated Pure Premiums

The factors above, contained within section A-3, are combined multiplicatively, resulting in the following factors:

Policy Period	Manufacturing	Contracting	Office and Clerical	Goods and Services	Miscellaneous
1/19-12/19	0.903	0.903	0.905	0.903	0.903
1/20-12/20	0.904	0.904	0.907	0.904	0.904
1/21-12/21	0.892	0.892	0.895	0.892	0.892
1/22-12/22	0.880	0.880	0.883	0.880	0.880
1/23-12/23	0.931	0.931	0.934	0.931	0.931

NORTH CAROLINA

APPENDIX B-I

Section B – Calculation of Present on Rate Level Pure Premiums

The present on rate level pure premiums are the pure premiums underlying the current loss costs, adjusted to the proposed level. The data sources for the above-captioned pure premiums are the partial pure premiums underlying the current loss costs.

1. Adjustment for Experience Change

A factor of 0.894 is applied to adjust for the experience change in the proposed loss cost level.

2. Factors to Adjust to the Proposed Trend Level

The pure premiums underlying the current loss costs contain the current trend. The change in trend factors, 0.980 and 1.000, for indemnity and medical, respectively, are applied to adjust to the proposed trend level.

3. Factors to Adjust to the Proposed Benefit Level

The following factors are applied to adjust the pure premiums underlying the current loss costs to the proposed benefit level.

Effective Date	Indemnity	Medical
10/01/2025 (Appendix C-I)	1.000	1.004
01/01/2026 (Appendix C-I)	1.000	1.012
Combined Benefit Adjustment	1.000	1.016

4. Factors to Include the Proposed Loss-Based Expense Provisions

The pure premiums underlying the current loss costs include the current loss-based expense provisions and must be adjusted to the proposed level.

	(a) Current		(b) Proposed	
	Indemnity	Medical	Indemnity	Medical
(1) Loss Adjustment Expense	1.200	1.200	1.205	1.205
(2) Loss-based Assessment	1.000	1.000	1.000	1.000
(3) = (1) + (2) – 1.000	1.200	1.200	1.205	1.205
(4) Overall Change (3b)/(3a)			1.004	1.004

5. Adjustment to Obtain Expected Losses

The pure premiums underlying the current loss costs reflect the current Experience Rating Plan off-balance. The change in off-balance must be applied.

Industry Group	(1) Current Ratio of Manual to Standard Premium	(2) Proposed Ratio of Manual to Standard Premium	(3) Off-balance Adjustment (1)/(2)
Manufacturing	1.100	1.096	1.004
Contracting	1.089	1.084	1.005
Office & Clerical	1.133	1.138	0.996
Goods & Services	1.037	1.034	1.003
Miscellaneous	1.036	1.033	1.003

NORTH CAROLINA

APPENDIX B-I

6. Factors to Adjust for Proposed Industry Group Differentials

The pure premiums underlying the current loss costs are adjusted by the proposed industry group differentials.

Industry Group	(1) Final Differential*	(2) Adjustment to Proposed for Current Relativities**	(3) Adjusted Differential (1)x(2)
Manufacturing	1.002	0.999	1.001
Contracting	0.988	0.999	0.987
Office & Clerical	0.984	0.999	0.983
Goods & Services	1.016	0.999	1.015
Miscellaneous	0.996	1.002	0.998

*See Appendix A-V, column (18).

**See Appendix A-V, column (10).

7. Combined Conversion Factors

The factors above, contained within Section B, are combined multiplicatively, resulting in the following factors.

Industry Group	Indemnity	Medical
Manufacturing	0.884	0.917
Contracting	0.873	0.905
Office & Clerical	0.862	0.893
Goods & Services	0.896	0.928
Miscellaneous	0.881	0.913

NORTH CAROLINA

APPENDIX B-I

Section C – Calculation of National Pure Premiums

Finally, there are the national pure premiums, which reflect the countrywide experience for each classification adjusted to state conditions. These pure premiums reflect the countrywide experience for each classification as indicated by the latest available individual classification experience for all states for which the National Council on Compensation Insurance compiles workers compensation data.

Countrywide data is adjusted to North Carolina conditions in four steps. First, statewide indicated pure premiums are determined for North Carolina. Second, using North Carolina payrolls as weights, corresponding statewide-average pure premiums are computed for each remaining state. Third, the ratios of North Carolina statewide pure premiums to those for other states are used as adjustment factors to convert losses for other states to a basis that is consistent with the North Carolina indicated pure premiums. The quotient of the countrywide total of such adjusted losses divided by the total countrywide payroll for the classification is the initial pure premium indicated by national relativity. Finally, national pure premiums are balanced to the level of the state indicated pure premiums to ensure unbiased derived by formula pure premiums. Indemnity and medical pure premiums are computed separately.

Section D – Calculation of Derived by Formula Pure Premiums

The indicated, present on rate level and national pure premiums are credibility weighted, and the resulting derived by formula pure premiums are used to determine the final class loss costs.

As for the preceding pure premiums, separate computations are performed for each partial pure premium: indemnity and medical. Each partial formula pure premium is derived by the weighting of the indicated, present on rate level and national partial pure premiums. The weight assigned to the policy year indicated pure premium varies in one-percent intervals from zero percent to one hundred percent, depending upon the volume of expected losses (i.e. the product of the underlying pure premiums and the payroll in hundreds). To achieve full state credibility, a classification must have expected losses of at least: \$46,312,644 for indemnity and \$17,377,430 for medical.

The partial credibilities formula is:

$$z = [(\text{expected losses}) / (\text{full credibility standard})]^{0.5}$$

For the national pure premiums, credibility is determined from the number of lost-time claims. Full credibility standards are: 2,300 lost-time claims for indemnity and 2,000 lost-time claims for medical.

Partial credibilities are assigned using a credibility formula similar to that used for indicated pure premiums but based on the number of national cases. In no case is the national credibility permitted to exceed 50% of the complement of the state credibility.

National Credibility equals the smaller of:

$$[(\text{national cases}) / (\text{full credibility standard})]^{0.5} \text{ and } [(1 - \text{state credibility}) / 2]$$

The residual credibility (100% minus the sum of the state and national credibilities) is assigned to the present on rate level pure premium.

For example, if the state credibility is 40%, the national pure premium is assigned a maximum credibility of 30% $((100 - 40) / 2)$. The remainder is assigned to the present on rate level pure premium.

The total pure premium shown on the attached Appendix B-IV is obtained by adding the indemnity and medical partial pure premiums obtained above and rounding the sum to three decimal places.

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 0005		FARM: NURSERY EMPLOYEES & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	116,281,608	5	29,857	24	527,394	32,121	747,544	1,336,916	1.150
1/20 through 12/20	119,349,313	1	1,646	27	445,212	8,734	442,948	898,540	0.753
1/21 through 12/21	139,767,062	3	133,613	20	273,146	419,888	417,824	1,244,471	0.890
1/22 through 12/22	141,710,052	3	104,576	23	367,840	66,556	350,802	889,774	0.628
1/23 through 12/23	156,369,815	2	70,593	21	560,908	34,224	752,597	1,418,322	0.907
5 YR. TOTAL	673,477,850	14	340,285	115	2,174,500	561,523	2,711,715	5,788,023	0.859
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		25%	0.3734	44%	0.4860	0.859			
Pure Premium Indicated by National Relativity		37%	0.4477	28%	0.4427	0.890			
Pure Premium Present on Rate Level		38%	0.4347	28%	0.5139	0.949			
Pure Premium Derived by Formula		0.4242		0.4817		0.906			

CLASS 0008		FARM: GARDENING-MARKET OR TRUCK-& DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	118,130,959	7	218,689	19	75,973	551,292	465,123	1,311,077	1.110
1/20 through 12/20	128,652,030	4	351,728	16	264,340	155,498	283,484	1,055,050	0.820
1/21 through 12/21	150,291,401	0	0	8	34,808	0	72,454	107,262	0.071
1/22 through 12/22	156,594,804	1	105,230	15	428,543	0	614,368	1,148,141	0.733
1/23 through 12/23	166,330,681	4	544,159	21	603,172	198,568	522,453	1,868,352	1.123
5 YR. TOTAL	719,999,875	16	1,219,806	79	1,406,836	905,358	1,957,882	5,489,882	0.763
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		24%	0.3648	40%	0.3977	0.763			
Pure Premium Indicated by National Relativity		38%	0.4113	30%	0.4492	0.861			
Pure Premium Present on Rate Level		38%	0.3761	30%	0.4012	0.777			
Pure Premium Derived by Formula		0.3868		0.4142		0.801			

CLASS 0016		FARM - ORCHARD OR GROVE & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	4,309,554	0	0	0	0	0	1,386	1,386	0.032
1/20 through 12/20	4,358,483	0	0	1	1,346	0	7,754	9,100	0.209
1/21 through 12/21	4,522,153	0	0	1	1,750	0	3,892	5,642	0.125
1/22 through 12/22	5,394,683	0	0	1	11,715	0	133,043	144,758	2.683
1/23 through 12/23	5,206,529	0	0	0	0	0	12,681	12,681	0.244
5 YR. TOTAL	23,791,402	0	0	3	14,811	0	158,756	173,567	0.730
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.0623	10%	0.6673	0.730			
Pure Premium Indicated by National Relativity		47%	0.7823	45%	0.7450	1.527			
Pure Premium Present on Rate Level		47%	0.6163	45%	0.7120	1.328			
Pure Premium Derived by Formula		0.6611		0.7224		1.384			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 0034		FARM: POULTRY OR EGG PRODUCER & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	132,772,607	4	42,855	37	1,051,462	27,114	840,470	1,961,901	1.478
1/20 through 12/20	143,923,040	9	266,621	31	518,784	139,050	467,585	1,392,040	0.967
1/21 through 12/21	145,819,796	6	91,188	27	452,703	103,798	474,868	1,122,557	0.770
1/22 through 12/22	170,528,007	3	172,736	31	842,193	144,659	615,254	1,774,842	1.041
1/23 through 12/23	230,932,493	3	47,618	29	519,063	38,438	572,690	1,177,809	0.510
5 YR. TOTAL	823,975,943	25	621,018	155	3,384,205	453,059	2,970,867	7,429,149	0.902
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		33%	0.4861		53%	0.4155		0.902	
Pure Premium Indicated by National Relativity		33%	0.5799		23%	0.5175		1.097	
Pure Premium Present on Rate Level		34%	0.6380		24%	0.5966		1.235	
Pure Premium Derived by Formula		0.5687			0.4824			1.051	

CLASS 0035		FARM: FLORIST & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	63,635,198	1	15,912	23	278,875	2,525	387,777	685,089	1.077
1/20 through 12/20	69,536,347	2	157,752	21	150,005	223,409	369,202	900,368	1.295
1/21 through 12/21	67,348,018	2	115,551	19	352,608	92,341	424,896	985,396	1.463
1/22 through 12/22	73,085,030	4	117,381	14	351,486	513,094	455,202	1,437,163	1.966
1/23 through 12/23	72,893,158	1	71,650	6	95,854	20,819	123,447	311,770	0.428
5 YR. TOTAL	346,497,751	10	478,246	83	1,228,828	852,188	1,760,524	4,319,786	1.247
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		17%	0.4927		32%	0.7540		1.247	
Pure Premium Indicated by National Relativity		41%	0.3543		34%	0.3252		0.680	
Pure Premium Present on Rate Level		42%	0.3743		34%	0.5171		0.891	
Pure Premium Derived by Formula		0.3862			0.5277			0.914	

CLASS 0036		FARM: DAIRY & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	15,960,984	0	0	3	203,685	0	54,408	258,093	1.617
1/20 through 12/20	17,154,432	0	0	4	78,447	0	170,387	248,834	1.451
1/21 through 12/21	18,106,095	0	0	4	9,747	0	29,017	38,764	0.214
1/22 through 12/22	19,532,364	1	24,636	3	164,809	52,045	203,593	445,083	2.279
1/23 through 12/23	20,336,845	0	0	0	0	0	18,639	18,639	0.092
5 YR. TOTAL	91,090,720	1	24,636	14	456,688	52,045	476,044	1,009,413	1.108
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		13%	0.5284		18%	0.5797		1.108	
Pure Premium Indicated by National Relativity		43%	0.7822		41%	0.5907		1.373	
Pure Premium Present on Rate Level		44%	0.8226		41%	0.5994		1.422	
Pure Premium Derived by Formula			0.7670			0.5923		1.359	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 0037		FARM: FIELD CROPS & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	238,909,941	8	343,080	46	455,964	376,564	689,215	1,864,823	0.781
1/20 through 12/20	244,254,490	12	649,561	39	920,148	1,226,254	959,094	3,755,057	1.537
1/21 through 12/21	270,878,350	3	478,731	43	457,330	489,459	726,415	2,151,935	0.795
1/22 through 12/22	285,453,601	6	217,908	48	1,258,375	123,562	1,313,382	2,913,227	1.021
1/23 through 12/23	293,987,942	7	1,129,214	30	1,817,405	451,934	1,338,232	4,736,785	1.611
5 YR. TOTAL	1,333,484,324	36	2,818,494	206	4,909,222	2,667,773	5,026,338	15,421,827	1.157
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		42%	0.5795	69%	0.5770	1.157			
Pure Premium Indicated by National Relativity		29%	0.7877	15%	0.6740	1.462			
Pure Premium Present on Rate Level		29%	0.6126	16%	0.6248	1.237			
Pure Premium Derived by Formula		0.6495		0.5992		1.249			

CLASS 0042		LANDSCAPE GARDENING & DRIVERS							
Industry Group: Contracting Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	335,050,909	14	418,067	112	1,760,350	512,192	1,421,999	4,112,608	1.228
1/20 through 12/20	369,866,597	20	751,290	117	2,147,843	1,078,961	2,215,511	6,193,605	1.675
1/21 through 12/21	418,286,025	8	297,129	97	1,522,848	132,542	1,603,609	3,556,128	0.850
1/22 through 12/22	466,717,693	17	690,175	74	1,842,495	732,463	1,662,049	4,927,182	1.056
1/23 through 12/23	528,887,398	14	658,532	87	1,897,664	464,506	1,992,339	5,013,041	0.948
5 YR. TOTAL	2,118,808,622	73	2,815,193	487	9,171,200	2,920,664	8,895,507	23,802,564	1.123
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		57%	0.5657	86%	0.5577	1.123			
Pure Premium Indicated by National Relativity		21%	0.9877	7%	0.7904	1.778			
Pure Premium Present on Rate Level		22%	0.7077	7%	0.6066	1.314			
Pure Premium Derived by Formula		0.6856		0.5774		1.263			

CLASS 0050		FARM MACHINERY OPERATION-BY CONTRACTOR-& DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	12,555,123	2	78,268	2	7,994	25,734	10,808	122,804	0.978
1/20 through 12/20	14,515,773	1	85,837	5	105,586	35,634	128,824	355,881	2.452
1/21 through 12/21	16,258,211	0	0	5	36,426	0	98,962	135,388	0.833
1/22 through 12/22	16,901,527	1	202,711	5	45,024	37,462	29,090	314,287	1.860
1/23 through 12/23	17,690,507	1	35,406	1	35,173	54,478	92,640	217,697	1.231
5 YR. TOTAL	77,921,141	5	402,222	18	230,203	153,308	360,324	1,146,057	1.471
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	0.8116	19%	0.6592	1.471			
Pure Premium Indicated by National Relativity		43%	0.8788	40%	0.8609	1.740			
Pure Premium Present on Rate Level		44%	0.9499	41%	0.8370	1.787			
Pure Premium Derived by Formula		0.9013		0.8128		1.714			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 0079		FARM: BERRY OR VINEYARD & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	32,430,255	0	0	2	23,913	0	28,622	52,535	0.162
1/20 through 12/20	32,682,835	0	0	5	125,226	0	58,031	183,257	0.561
1/21 through 12/21	33,914,774	0	0	1	49,139	0	144,951	194,090	0.572
1/22 through 12/22	39,574,445	1	12,553	3	57,193	415,820	49,287	534,853	1.352
1/23 through 12/23	45,999,240	0	0	6	88,613	0	123,028	211,641	0.460
5 YR. TOTAL	184,601,549	1	12,553	17	344,084	415,820	403,919	1,176,376	0.637
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		12%	0.1932		19%	0.4441		0.637	
Pure Premium Indicated by National Relativity		24%	0.3712		26%	0.2960		0.667	
Pure Premium Present on Rate Level		64%	0.3907		55%	0.3628		0.754	
Pure Premium Derived by Formula		0.3623			0.3609			0.723	

CLASS 0083		FARM: CATTLE OR LIVESTOCK RAISING NOC & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	175,986,024	8	387,333	45	802,325	318,810	1,296,061	2,804,529	1.594
1/20 through 12/20	182,833,348	12	198,381	64	584,614	99,821	1,066,569	1,949,385	1.066
1/21 through 12/21	179,534,167	7	209,321	43	1,000,150	168,657	964,485	2,342,613	1.305
1/22 through 12/22	186,502,804	3	111,293	56	1,072,458	54,859	1,132,272	2,370,882	1.271
1/23 through 12/23	202,574,594	3	55,678	59	1,190,542	68,488	1,214,491	2,529,199	1.249
5 YR. TOTAL	927,430,937	33	962,006	267	4,650,089	710,635	5,673,878	11,996,608	1.294
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		38%	0.6051		62%	0.6884		1.294	
Pure Premium Indicated by National Relativity		31%	0.8821		19%	0.8648		1.747	
Pure Premium Present on Rate Level		31%	0.7381		19%	0.7212		1.459	
Pure Premium Derived by Formula		0.7322			0.7281			1.460	

CLASS 0106		TREE PRUNING, SPRAYING, REPAIRING -- ALL OPERATIONS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	52,901,350	5	286,894	24	655,634	380,869	407,675	1,731,072	3.272
1/20 through 12/20	57,450,100	5	436,464	28	532,408	657,025	559,050	2,184,947	3.803
1/21 through 12/21	70,482,767	5	189,594	33	747,294	515,788	682,413	2,135,089	3.029
1/22 through 12/22	90,488,634	8	502,116	37	1,125,647	1,349,806	930,437	3,908,006	4.319
1/23 through 12/23	110,252,683	6	531,913	29	875,710	1,202,413	1,028,455	3,638,491	3.300
5 YR. TOTAL	381,575,534	29	1,946,981	151	3,936,693	4,105,901	3,608,030	13,597,605	3.564
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		39%	1.5419		64%	2.0216		3.564	
Pure Premium Indicated by National Relativity		30%	1.6919		18%	1.4335		3.125	
Pure Premium Present on Rate Level		31%	1.8437		18%	1.8884		3.732	
Pure Premium Derived by Formula		1.6805			1.8918			3.572	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 0113		FARM: FISH HATCHERY & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,661,109	0	0	1	3,633	0	11,991	15,624	0.587
1/20 through 12/20	2,842,354	0	0	1	1,237	0	13,940	15,177	0.534
1/21 through 12/21	3,002,095	0	0	1	55,691	0	78,368	134,059	4.466
1/22 through 12/22	3,215,653	0	0	1	15,252	0	37,517	52,769	1.641
1/23 through 12/23	4,253,839	0	0	0	0	0	1,716	1,716	0.040
5 YR. TOTAL	15,975,050	0	0	4	75,813	0	143,532	219,345	1.373
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.4746	7%	0.8985	1.373			
Pure Premium Indicated by National Relativity		26%	0.4292	28%	0.4022	0.831			
Pure Premium Present on Rate Level		69%	0.6136	65%	0.6043	1.218			
Pure Premium Derived by Formula		0.5587		0.5683		1.127			

CLASS 0170		FARM: ANIMAL RAISING & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	938,014	0	0	1	980	0	3,649	4,629	0.494
1/20 through 12/20	609,834	0	0	0	0	0	0	0	0.000
1/21 through 12/21	436,631	0	0	1	52,352	0	37,910	90,262	20.672
1/22 through 12/22	1,774,000	0	0	0	0	0	2,137	2,137	0.121
1/23 through 12/23	2,145,384	0	0	1	7,332	0	5,166	12,498	0.583
5 YR. TOTAL	5,903,863	0	0	3	60,664	0	48,862	109,526	1.855
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	1.0275	4%	0.8276	1.855			
Pure Premium Indicated by National Relativity		14%	0.4462	15%	0.4111	0.857			
Pure Premium Present on Rate Level		84%	0.4522	81%	0.3780	0.830			
Pure Premium Derived by Formula		0.4629		0.4009		0.864			

CLASS 0251		IRRIGATION WORKS OPERATION & DRIVERS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	690,226	0	0	0	0	0	0	0	0.000
1/20 through 12/20	212,175	0	0	1	23,121	0	34,648	57,769	27.227
1/21 through 12/21	278,271	0	0	0	0	0	0	0	0.000
1/22 through 12/22	134,272	0	0	0	0	0	0	0	0.000
1/23 through 12/23	283,029	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	1,597,973	0	0	1	23,121	0	34,648	57,769	3.615
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	1.4469	3%	2.1682	3.615			
Pure Premium Indicated by National Relativity		29%	0.7263	31%	0.6648	1.391			
Pure Premium Present on Rate Level		69%	0.8165	66%	0.7762	1.593			
Pure Premium Derived by Formula		0.8030		0.7834		1.586			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 0401		COTTON GIN OPERATION & LOCAL MANAGERS, DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	10,584,706	0	0	3	82,181	0	94,745	176,926	1.672
1/20 through 12/20	8,632,905	0	0	0	0	0	4,524	4,524	0.052
1/21 through 12/21	10,433,431	0	0	2	14,636	0	14,462	29,098	0.279
1/22 through 12/22	12,197,945	2	160,981	2	48,653	92,049	79,754	381,437	3.127
1/23 through 12/23	11,550,499	0	0	0	0	0	4,996	4,996	0.043
5 YR. TOTAL	53,399,486	2	160,981	7	145,470	92,049	198,481	596,981	1.118
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.5739	20%	0.5441	1.118			
Pure Premium Indicated by National Relativity		20%	1.1613	21%	1.6568	2.818			
Pure Premium Present on Rate Level		68%	1.1919	59%	1.2897	2.482			
Pure Premium Derived by Formula		1.1116		1.2177		2.329			

CLASS 0908 + +		DOMESTIC WORKERS - RESIDENCES - PART-TIME							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	EXPOSURE	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	15,748	0	0	0	0	0	0	0	0.000
1/20 through 12/20	19,767	0	0	2	8,662	0	36,128	44,790	22.659
1/21 through 12/21	20,705	1	19,416	0	0	39,325	0	58,741	28.370
1/22 through 12/22	20,415	0	0	3	135,572	0	19,054	154,626	75.741
1/23 through 12/23	20,308	0	0	2	23,570	0	3,798	27,368	13.477
5 YR. TOTAL	96,943	1	19,416	7	167,804	39,325	58,980	285,525	29.453
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.**	CRED.	PURE PREM.**	PURE PREM.**			
Indicated Pure Premium		8%	19.3124	12%	10.1404	29.453			
Pure Premium Indicated by National Relativity		15%	26.6364	17%	29.2836	55.920			
Pure Premium Present on Rate Level		77%	30.1140	71%	25.9140	56.028			
Pure Premium Derived by Formula		28.7282		24.5940		53.322			

CLASS 0913 + +		DOMESTIC WORKERS - RESIDENCES - FULL-TIME							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	EXPOSURE	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	17,023	0	0	5	22,421	0	28,035	50,456	29.640
1/20 through 12/20	17,896	1	7,796	0	0	4,989	2,434	15,219	8.504
1/21 through 12/21	19,432	1	235,228	1	27,800	204,849	115,139	583,016	300.029
1/22 through 12/22	23,144	1	147,601	3	4,745	57,685	7,151	217,182	93.840
1/23 through 12/23	21,455	0	0	4	94,957	0	115,127	210,084	97.919
5 YR. TOTAL	98,950	3	390,625	13	149,923	267,523	267,886	1,075,957	108.737
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.**	CRED.	PURE PREM.**	PURE PREM.**			
Indicated Pure Premium		13%	54.6284	19%	54.1090	108.737			
Pure Premium Indicated by National Relativity		32%	114.4565	34%	70.2423	184.699			
Pure Premium Present on Rate Level		55%	80.7871	47%	63.5678	144.355			
Pure Premium Derived by Formula		88.1607		64.0400		152.201			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 0917		RESIDENTIAL CLEANING SERVICES BY CONTRACTOR - INSIDE							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	28,808,900	2	76,398	14	119,033	37,437	91,224	324,092	1.125
1/20 through 12/20	33,509,327	2	10,782	8	74,321	11,118	78,559	174,780	0.522
1/21 through 12/21	43,189,601	3	91,563	15	93,631	55,466	65,312	305,972	0.708
1/22 through 12/22	53,239,599	2	11,252	13	123,332	37,713	148,715	321,012	0.603
1/23 through 12/23	60,210,668	1	33,012	13	144,688	15,380	100,555	293,635	0.488
5 YR. TOTAL	218,958,095	10	223,007	63	555,005	157,114	484,365	1,419,491	0.648
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.3553	25%	0.2930	0.648			
Pure Premium Indicated by National Relativity		41%	0.5782	37%	0.4624	1.041			
Pure Premium Present on Rate Level		42%	0.6170	38%	0.5024	1.119			
Pure Premium Derived by Formula		0.5566		0.4353		0.992			

CLASS 1005		COAL MINING-SURFACE & DRIVERS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		41%	1.3841	44%	0.6437	2.028			
Pure Premium Present on Rate Level		59%	1.5628	56%	0.6858	2.249			
Pure Premium Derived by Formula		1.4895		0.6673		2.157			

CLASS 1164		MINING NOC-NOT COAL-UNDERGROUND-& DRIVERS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	332,967	0	0	0	0	0	0	0	0.000
1/20 through 12/20	293,125	0	0	0	0	0	0	0	0.000
1/21 through 12/21	103,598	0	0	0	0	0	0	0	0.000
1/22 through 12/22	143,389	0	0	0	0	0	0	0	0.000
1/23 through 12/23	606,644	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	1,479,723	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.0000	2%	0.0000	0.000			
Pure Premium Indicated by National Relativity		44%	0.8881	47%	0.5699	1.458			
Pure Premium Present on Rate Level		54%	0.8106	51%	0.5742	1.385			
Pure Premium Derived by Formula		0.8285		0.5607		1.389			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 1165		MINING NOC-NOT COAL-SURFACE & DRIVERS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	9,252,086	0	0	0	0	0	2,347	2,347	0.025
1/20 through 12/20	8,331,908	0	0	1	140,005	0	85,710	225,715	2.709
1/21 through 12/21	13,504,663	1	37,228	2	1,853	13,562	1,035	53,678	0.398
1/22 through 12/22	17,461,608	0	0	2	151,833	0	106,677	258,510	1.480
1/23 through 12/23	14,561,697	1	14,816	1	28,608	11,091	8,935	63,450	0.436
5 YR. TOTAL	63,111,962	2	52,044	6	322,299	24,653	204,704	603,700	0.957
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	0.5931	12%	0.3634	0.957			
Pure Premium Indicated by National Relativity		36%	0.6249	39%	0.4025	1.027			
Pure Premium Present on Rate Level		55%	0.6529	49%	0.4299	1.083			
Pure Premium Derived by Formula		0.6374		0.4112		1.049			

CLASS 1320		OIL OR GAS LEASE OPERATOR-ALL OPERATIONS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,755,052	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,063,040	0	0	0	0	0	0	0	0.000
1/21 through 12/21	907,308	0	0	0	0	0	0	0	0.000
1/22 through 12/22	1,488,593	0	0	0	0	0	0	0	0.000
1/23 through 12/23	1,494,394	0	0	2	93,981	0	86,750	180,731	12.094
5 YR. TOTAL	6,708,387	0	0	2	93,981	0	86,750	180,731	2.694
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	1.4009	3%	1.2932	2.694			
Pure Premium Indicated by National Relativity		49%	0.4124	48%	0.2966	0.709			
Pure Premium Present on Rate Level		49%	0.4043	49%	0.2767	0.681			
Pure Premium Derived by Formula		0.4282		0.3167		0.745			

CLASS 1322		OIL OR GAS - WELL - CLEANING OR SWABBING OF WELLS BY SPECIALIST CONTRACTOR - NO DRILLING & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	1,013	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	1,013	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		39%	2.0166	42%	1.5456	3.562			
Pure Premium Present on Rate Level		61%	1.8769	58%	1.2589	3.136			
Pure Premium Derived by Formula		1.9314		1.3793		3.311			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 1430		SMELTING, SINTERING OR REFINING-LEAD- & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	723,531	0	0	1	18,175	0	6,149	24,324	3.362
1/20 through 12/20	137,938	0	0	0	0	0	0	0	0.000
1/21 through 12/21	96,753	0	0	0	0	0	0	0	0.000
1/22 through 12/22	18,559,639	0	0	0	0	0	13,337	13,337	0.072
1/23 through 12/23	621,610	0	0	1	19,126	0	16,385	35,511	5.713
5 YR. TOTAL	20,139,471	0	0	2	37,301	0	35,871	73,172	0.363
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.1852	9%	0.1781	0.363			
Pure Premium Indicated by National Relativity		16%	0.5538	17%	0.4839	1.038			
Pure Premium Present on Rate Level		78%	0.8377	74%	0.7697	1.607			
Pure Premium Derived by Formula		0.7531		0.6679		1.421			

CLASS 1438		SMELTING, SINTERING OR REFINING-METALS-NOT IRON OR LEAD-NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	39,678,770	1	253	7	493,734	1,433	267,863	763,283	1.924
1/20 through 12/20	26,635,847	0	0	4	87,796	0	83,439	171,235	0.643
1/21 through 12/21	29,704,223	0	0	4	66,245	0	31,959	98,204	0.331
1/22 through 12/22	34,406,383	0	0	3	146,531	0	151,817	298,348	0.867
1/23 through 12/23	60,900,985	0	0	5	216,864	0	106,273	323,137	0.531
5 YR. TOTAL	191,326,208	1	253	23	1,011,170	1,433	641,351	1,654,207	0.865
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.5286	23%	0.3360	0.865			
Pure Premium Indicated by National Relativity		42%	0.6649	38%	0.5183	1.183			
Pure Premium Present on Rate Level		42%	0.5976	39%	0.4897	1.087			
Pure Premium Derived by Formula		0.6148		0.4652		1.080			

CLASS 1452		ORE MILLING & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	7,442,033	0	0	0	0	0	12,335	12,335	0.166
1/20 through 12/20	7,071,488	0	0	0	0	0	10,963	10,963	0.155
1/21 through 12/21	12,811,092	1	14,935	0	0	0	16	14,951	0.117
1/22 through 12/22	9,059,007	0	0	0	0	0	879	879	0.010
1/23 through 12/23	11,185,345	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	47,568,965	1	14,935	0	0	0	24,193	39,128	0.082
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.0314	8%	0.0509	0.082			
Pure Premium Indicated by National Relativity		25%	0.2825	27%	0.2431	0.526			
Pure Premium Present on Rate Level		69%	0.3488	65%	0.2590	0.608			
Pure Premium Derived by Formula		0.3132		0.2381		0.551			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 1463		ASPHALT WORKS OPERATED BY PAVING CONTRACTORS - PERMANENT LOCATION & DRIVERS							
Industry Group: Manufacturing Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	37,431,442	2	99,269	5	122,391	86,538	121,391	429,589	1.148
1/20 through 12/20	35,115,957	3	261,800	11	181,072	83,605	182,117	708,594	2.018
1/21 through 12/21	40,133,611	1	91,025	12	690,532	61,495	573,991	1,417,043	3.531
1/22 through 12/22	45,770,653	2	148,173	13	617,018	96,375	507,271	1,368,837	2.991
1/23 through 12/23	48,534,407	0	0	18	846,580	0	755,012	1,601,592	3.300
5 YR. TOTAL	206,986,070	8	600,267	59	2,457,593	328,013	2,139,782	5,525,655	2.670
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		25%	1.4773	35%	1.1923	2.670			
Pure Premium Indicated by National Relativity		37%	1.4046	32%	1.0990	2.504			
Pure Premium Present on Rate Level		38%	1.4077	33%	1.0505	2.458			
Pure Premium Derived by Formula		1.4240		1.1157		2.540			

CLASS 1472		DISTILLATION-WOOD-& DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	531,813	0	0	0	0	0	0	0	0.000
1/20 through 12/20	91,863	0	0	0	0	0	0	0	0.000
1/21 through 12/21	46,392	0	0	0	0	0	0	0	0.000
1/22 through 12/22	128,910	0	0	0	0	0	0	0	0.000
1/23 through 12/23	222,146	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	1,021,124	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.0000	2%	0.0000	0.000			
Pure Premium Indicated by National Relativity		17%	0.5677	18%	0.4657	1.033			
Pure Premium Present on Rate Level		82%	0.5232	80%	0.4320	0.955			
Pure Premium Derived by Formula		0.5255		0.4294		0.955			

CLASS 1624		QUARRY NOC & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	99,690,570	2	162,470	10	442,615	62,894	235,772	903,751	0.907
1/20 through 12/20	159,330,041	1	10,449	10	510,845	32,181	525,416	1,078,891	0.677
1/21 through 12/21	116,519,561	0	0	9	174,390	0	297,105	471,495	0.405
1/22 through 12/22	128,684,834	2	134,727	12	323,799	137,508	423,185	1,019,219	0.792
1/23 through 12/23	164,774,682	2	3,815	13	382,517	10,393	455,011	851,736	0.517
5 YR. TOTAL	668,999,688	7	311,461	54	1,834,166	242,976	1,936,489	4,325,092	0.647
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		28%	0.3207	40%	0.3258	0.647			
Pure Premium Indicated by National Relativity		36%	0.7374	30%	0.5980	1.335			
Pure Premium Present on Rate Level		36%	0.5480	30%	0.4145	0.963			
Pure Premium Derived by Formula		0.5525		0.4341		0.987			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 1642		LIME MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	371,823	0	0	0	0	0	0	0	0.000
1/20 through 12/20	301,447	0	0	0	0	0	0	0	0.000
1/21 through 12/21	78,802	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	1,275,407	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	2,027,479	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.0000	2%	0.0000	0.000			
Pure Premium Indicated by National Relativity		22%	0.8477	23%	0.5238	1.372			
Pure Premium Present on Rate Level		76%	0.5720	75%	0.4447	1.017			
Pure Premium Derived by Formula		0.6212		0.4540		1.075			

CLASS 1654		QUARRY-CEMENT ROCK-SURFACE-& DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		13%	0.7578	13%	0.6755	1.433			
Pure Premium Present on Rate Level		87%	1.4660	87%	0.9486	2.415			
Pure Premium Derived by Formula		1.3739		0.9131		2.287			

CLASS 1699		ROCK WOOL MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	7,454,879	0	0	3	185,481	0	197,589	383,070	5.139
1/20 through 12/20	11,397,488	0	0	2	17,756	0	26,644	44,400	0.390
1/21 through 12/21	15,003,065	1	31,079	0	0	30,192	6,725	67,996	0.453
1/22 through 12/22	15,593,978	0	0	3	254,617	0	123,694	378,311	2.426
1/23 through 12/23	16,919,063	0	0	5	300,152	0	181,834	481,986	2.849
5 YR. TOTAL	66,368,473	1	31,079	13	758,006	30,192	536,486	1,355,763	2.043
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	1.1889	14%	0.8538	2.043			
Pure Premium Indicated by National Relativity		24%	0.6520	26%	0.4141	1.066			
Pure Premium Present on Rate Level		68%	0.4875	60%	0.4874	0.975			
Pure Premium Derived by Formula		0.5831		0.5196		1.103			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 1701		CEMENT MFG							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	9,675,131	0	0	1	9,357	0	3,854	13,211	0.137
1/20 through 12/20	11,785,839	0	0	2	9,835	0	24,259	34,094	0.289
1/21 through 12/21	9,252,092	0	0	0	0	0	3,109	3,109	0.034
1/22 through 12/22	9,751,521	0	0	0	0	0	1,581	1,581	0.016
1/23 through 12/23	10,106,238	1	119,151	0	0	198,696	30,151	347,998	3.443
5 YR. TOTAL	50,570,821	1	119,151	3	19,192	198,696	62,954	399,993	0.791
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.2736	11%	0.5174	0.791			
Pure Premium Indicated by National Relativity		39%	0.5745	42%	0.4500	1.025			
Pure Premium Present on Rate Level		54%	0.4675	47%	0.3881	0.856			
Pure Premium Derived by Formula		0.4957		0.4283		0.924			

CLASS 1710		STONE CRUSHING & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	10,348,660	0	0	4	85,397	0	57,652	143,049	1.382
1/20 through 12/20	9,644,141	1	261,517	1	4,716	195,780	7,255	469,268	4.866
1/21 through 12/21	6,304,643	1	42,315	2	91,874	0	39,633	173,822	2.757
1/22 through 12/22	7,425,756	0	0	4	165,876	0	90,103	255,979	3.447
1/23 through 12/23	7,883,170	0	0	2	8,411	0	22,401	30,812	0.391
5 YR. TOTAL	41,606,370	2	303,832	13	356,274	195,780	217,044	1,072,930	2.579
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	1.5865	13%	0.9922	2.579			
Pure Premium Indicated by National Relativity		25%	1.1991	26%	0.7484	1.948			
Pure Premium Present on Rate Level		66%	0.9667	61%	0.7283	1.695			
Pure Premium Derived by Formula		1.0806		0.7678		1.848			

CLASS 1747		EMERY WORKS & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,140,120	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,009,156	0	0	0	0	0	179	179	0.018
1/21 through 12/21	1,329,552	0	0	0	0	0	625	625	0.047
1/22 through 12/22	1,469,560	0	0	0	0	0	178	178	0.012
1/23 through 12/23	1,691,874	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	6,640,262	0	0	0	0	0	982	982	0.015
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.0000	4%	0.0148	0.015			
Pure Premium Indicated by National Relativity		16%	0.5625	17%	0.3942	0.957			
Pure Premium Present on Rate Level		81%	0.5704	79%	0.3445	0.915			
Pure Premium Derived by Formula		0.5520		0.3398		0.892			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 1748		ABRASIVE WHEEL MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	23,756	0	0	0	0	0	0	0	0.000
1/20 through 12/20	2,420	0	0	0	0	0	0	0	0.000
1/21 through 12/21	7,754	0	0	0	0	0	0	0	0.000
1/22 through 12/22	22,388	0	0	0	0	0	289	289	1.291
1/23 through 12/23	100	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	56,418	0	0	0	0	0	289	289	0.512
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.5116	0.512			
Pure Premium Indicated by National Relativity		12%	0.4623	13%	0.4268	0.889			
Pure Premium Present on Rate Level		88%	0.5955	87%	0.7422	1.338			
Pure Premium Derived by Formula		0.5795		0.7012		1.281			

CLASS 1803		STONE CUTTING OR POLISHING NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	39,194,779	1	63,043	9	236,978	77,680	263,089	640,790	1.635
1/20 through 12/20	40,331,817	2	212,234	7	146,940	0	403,773	762,947	1.892
1/21 through 12/21	45,377,740	1	3,337	10	203,543	8,385	157,952	373,217	0.823
1/22 through 12/22	51,423,132	5	129,056	7	66,301	170,503	137,497	503,357	0.979
1/23 through 12/23	48,996,017	1	27,515	8	171,424	4,986	187,694	391,619	0.799
5 YR. TOTAL	225,323,485	10	435,185	41	825,186	261,554	1,150,005	2,671,930	1.186
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	0.5594	33%	0.6265	1.186			
Pure Premium Indicated by National Relativity		39%	0.9259	33%	0.7539	1.680			
Pure Premium Present on Rate Level		40%	0.9031	34%	0.8385	1.742			
Pure Premium Derived by Formula		0.8398		0.7406		1.580			

CLASS 1924		WIRE DRAWING OR CABLE MFG - NOT IRON OR STEEL							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	24,303,601	3	266,687	3	161,619	238,038	70,151	736,495	3.030
1/20 through 12/20	20,497,316	1	119,005	1	23,121	29,160	12,516	183,802	0.897
1/21 through 12/21	23,531,996	2	89,405	5	94,492	19,313	93,192	296,402	1.260
1/22 through 12/22	79,270,500	0	0	8	52,554	0	182,719	235,273	0.297
1/23 through 12/23	71,279,285	1	41,622	5	185,710	41,141	186,662	455,135	0.639
5 YR. TOTAL	218,882,698	7	516,719	22	517,496	327,652	545,240	1,907,107	0.871
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.4725	23%	0.3988	0.871			
Pure Premium Indicated by National Relativity		34%	0.7013	36%	0.4811	1.182			
Pure Premium Present on Rate Level		50%	0.5523	41%	0.4367	0.989			
Pure Premium Derived by Formula		0.5902		0.4440		1.034			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 1925	DIE CASTING MFG								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	30,592,220	2	177,737	10	196,432	84,970	130,158	589,297	1.926
1/20 through 12/20	26,807,144	3	205,365	11	262,188	84,629	244,107	796,289	2.970
1/21 through 12/21	29,064,911	2	145,794	2	28,657	102,526	25,154	302,131	1.040
1/22 through 12/22	27,608,471	0	0	5	158,264	0	90,335	248,599	0.900
1/23 through 12/23	55,599,931	1	37,560	9	167,938	59,011	117,505	382,014	0.687
5 YR. TOTAL	169,672,677	8	566,456	37	813,479	331,136	607,259	2,318,330	1.366
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	0.8133	23%	0.5531	1.366			
Pure Premium Indicated by National Relativity		39%	0.4744	38%	0.4556	0.930			
Pure Premium Present on Rate Level		46%	0.5959	39%	0.5400	1.136			
Pure Premium Derived by Formula		0.5811		0.5109		1.092			

CLASS 2002	PASTA OR NOODLE MFG								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	2,238,534	0	0	1	9,658	0	0	9,658	0.431
1/20 through 12/20	2,093,161	0	0	1	39,694	0	46,165	85,859	4.102
1/21 through 12/21	2,746,109	0	0	1	6,234	0	798	7,032	0.256
1/22 through 12/22	3,522,867	0	0	1	16,047	0	4,125	20,172	0.573
1/23 through 12/23	3,207,930	0	0	2	64,679	0	13,795	78,474	2.446
5 YR. TOTAL	13,808,601	0	0	6	136,312	0	64,883	201,195	1.457
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.9872	7%	0.4699	1.457			
Pure Premium Indicated by National Relativity		29%	0.6546	31%	0.4758	1.130			
Pure Premium Present on Rate Level		66%	0.7031	62%	0.5498	1.253			
Pure Premium Derived by Formula		0.7032		0.5213		1.225			

CLASS 2003	BAKERY - SALESPERSONS & DRIVERS								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	326,268,493	12	488,850	70	1,216,306	376,528	1,049,357	3,131,041	0.960
1/20 through 12/20	366,442,751	17	647,942	87	2,122,800	603,329	1,377,044	4,751,115	1.297
1/21 through 12/21	430,482,755	21	1,453,045	107	2,309,582	954,015	1,613,387	6,330,029	1.470
1/22 through 12/22	456,782,168	11	457,530	74	1,857,763	219,026	1,210,542	3,744,861	0.820
1/23 through 12/23	480,882,768	18	1,143,272	80	2,556,533	719,670	1,635,251	6,054,726	1.259
5 YR. TOTAL	2,060,858,935	79	4,190,639	418	10,062,984	2,872,568	6,885,581	24,011,772	1.165
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		53%	0.6916	74%	0.4735	1.165			
Pure Premium Indicated by National Relativity		23%	0.6871	13%	0.4988	1.186			
Pure Premium Present on Rate Level		24%	0.6410	13%	0.4694	1.110			
Pure Premium Derived by Formula		0.6784		0.4763		1.155			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2014		GRAIN OR FEED MILLING							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	50,451,301	1	56,445	12	270,147	10,084	367,557	704,233	1.396
1/20 through 12/20	51,630,545	0	0	10	111,506	0	96,014	207,520	0.402
1/21 through 12/21	57,174,689	3	120,943	13	148,744	101,173	293,720	664,580	1.162
1/22 through 12/22	70,361,317	2	122,865	13	899,391	57,095	554,395	1,633,746	2.322
1/23 through 12/23	78,259,739	1	36,297	11	915,403	67,314	283,654	1,302,668	1.665
5 YR. TOTAL	307,877,591	7	336,550	59	2,345,191	235,666	1,595,340	4,512,747	1.466
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		23%	0.8710		36%	0.5947		1.466	
Pure Premium Indicated by National Relativity		38%	0.8137		32%	0.7065		1.520	
Pure Premium Present on Rate Level		39%	0.8000		32%	0.7529		1.553	
Pure Premium Derived by Formula		0.8215			0.6811			1.503	

CLASS 2016	CEREAL OR BAR MFG.								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	12,906,888	0	0	0	0	0	249	249	0.002
1/20 through 12/20	15,776,589	0	0	0	0	0	0	0	0.000
1/21 through 12/21	14,363,250	0	0	3	7,561	0	12,865	20,426	0.142
1/22 through 12/22	18,130,613	0	0	2	25,742	0	20,703	46,445	0.256
1/23 through 12/23	17,999,285	0	0	0	0	0	4,041	4,041	0.023
5 YR. TOTAL	79,176,625	0	0	5	33,303	0	37,858	71,161	0.090
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		10%	0.0421		12%	0.0478		0.090	
Pure Premium Indicated by National Relativity		45%	0.6647		44%	0.3990		1.064	
Pure Premium Present on Rate Level		45%	0.5679		44%	0.3389		0.907	
Pure Premium Derived by Formula		0.5589			0.3304			0.889	

CLASS 2021		SUGAR MANUFACTURING OR REFINING FROM SUGAR CANE OR SUGAR BEETS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	9,983,023	0	0	1	9,982	0	23,456	33,438	0.335
1/20 through 12/20	10,968,155	0	0	0	0	0	16,182	16,182	0.148
1/21 through 12/21	11,756,455	0	0	1	35,390	0	16,142	51,532	0.438
1/22 through 12/22	16,675,077	0	0	0	0	0	8,665	8,665	0.052
1/23 through 12/23	13,497,946	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	62,880,656	0	0	2	45,372	0	64,445	109,817	0.175
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		9%	0.0722		12%	0.1025		0.175	
Pure Premium Indicated by National Relativity		32%	0.5841		34%	0.4608		1.045	
Pure Premium Present on Rate Level		59%	0.5416		54%	0.4285		0.970	
Pure Premium Derived by Formula		0.5130			0.4004			0.913	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2039		ICE CREAM MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	2,662,425	0	0	0	0	0	1,299	1,299	0.049
1/20 through 12/20	4,699,518	0	0	4	19,569	0	27,384	46,953	0.999
1/21 through 12/21	5,574,788	0	0	5	139,424	0	62,459	201,883	3.621
1/22 through 12/22	6,618,837	0	0	1	488	0	1,974	2,462	0.037
1/23 through 12/23	10,083,525	0	0	2	16,871	0	15,585	32,456	0.322
5 YR. TOTAL	29,639,093	0	0	12	176,352	0	108,701	285,053	0.962
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.5950	8%	0.3667	0.962			
Pure Premium Indicated by National Relativity		47%	0.6728	46%	0.5063	1.179			
Pure Premium Present on Rate Level		47%	0.5168	46%	0.4222	0.939			
Pure Premium Derived by Formula		0.5948		0.4564		1.051			

CLASS 2041		CANDY, CHOCOLATE AND CONFECTION MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	48,455,739	1	65,788	10	183,994	9,673	132,292	391,747	0.809
1/20 through 12/20	15,955,393	0	0	2	4,495	0	11,210	15,705	0.099
1/21 through 12/21	19,234,451	1	80,615	5	131,330	13,228	125,627	350,800	1.824
1/22 through 12/22	23,330,972	1	31,536	6	110,888	9,369	51,847	203,640	0.873
1/23 through 12/23	27,269,921	0	0	6	222,908	0	88,290	311,198	1.141
5 YR. TOTAL	134,246,476	3	177,939	29	653,615	32,270	409,266	1,273,090	0.948
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.6194	16%	0.3289	0.948			
Pure Premium Indicated by National Relativity		44%	0.4518	42%	0.3758	0.828			
Pure Premium Present on Rate Level		45%	0.4498	42%	0.3450	0.795			
Pure Premium Derived by Formula		0.4693		0.3554		0.825			

CLASS 2065		MILK PRODUCTS MFG NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,246,488	0	0	0	0	0	0	0	0.000
1/20 through 12/20	868,718	0	0	0	0	0	181	181	0.021
1/21 through 12/21	4,651,544	0	0	2	58,907	0	12,508	71,415	1.535
1/22 through 12/22	1,736,968	0	0	0	0	0	1,492	1,492	0.086
1/23 through 12/23	485,908	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	8,989,626	0	0	2	58,907	0	14,181	73,088	0.813
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.6553	4%	0.1577	0.813			
Pure Premium Indicated by National Relativity		30%	0.3805	32%	0.2779	0.658			
Pure Premium Present on Rate Level		67%	0.3847	64%	0.2804	0.665			
Pure Premium Derived by Formula		0.3916		0.2747		0.666			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2070		CREAMERY OR DAIRY & ROUTE SUPERVISORS, DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	31,557,355	2	180,017	5	305,993	81,828	146,701	714,539	2.264
1/20 through 12/20	43,121,810	3	187,321	12	539,080	96,415	293,162	1,115,978	2.588
1/21 through 12/21	54,252,673	3	333,662	10	626,623	95,876	223,653	1,279,814	2.359
1/22 through 12/22	55,815,982	2	252,041	17	776,207	111,431	332,532	1,472,211	2.638
1/23 through 12/23	62,253,095	3	821,573	9	394,443	343,334	133,997	1,693,347	2.720
5 YR. TOTAL	247,000,915	13	1,774,614	53	2,642,346	728,884	1,130,045	6,275,889	2.541
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		24%	1.7882		30%	0.7526		2.541	
Pure Premium Indicated by National Relativity		38%	1.0411		35%	0.6142		1.655	
Pure Premium Present on Rate Level		38%	1.1097		35%	0.6490		1.759	
Pure Premium Derived by Formula		1.2465			0.6679			1.914	

CLASS 2081		BUTCHERING							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	
1/19 through 12/19	127,656,730	2	26,141	96	851,220	15,687	665,865	1,558,913	1.221
1/20 through 12/20	32,088,941	1	7,581	5	2,413	10,595	7,647	28,236	0.088
1/21 through 12/21	28,994,488	0	0	6	123,724	0	90,848	214,572	0.740
1/22 through 12/22	32,561,643	1	10,426	4	138,236	898	81,464	231,024	0.710
1/23 through 12/23	36,512,134	0	0	10	291,062	0	186,967	478,029	1.309
5 YR. TOTAL	257,813,936	4	44,148	121	1,406,655	27,180	1,032,791	2,510,774	0.974
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		18%	0.5627		28%	0.4111		0.974	
Pure Premium Indicated by National Relativity		41%	0.4647		36%	0.4830		0.948	
Pure Premium Present on Rate Level		41%	0.5620		36%	0.5311		1.093	
Pure Premium Derived by Formula		0.5222			0.4802			1.002	

CLASS 2089		PACKING HOUSE-ALL OPERATIONS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	313,364,823	19	287,598	84	901,856	156,981	760,482	2,106,917	0.672
1/20 through 12/20	339,690,352	10	322,862	82	1,077,377	221,702	841,322	2,463,263	0.725
1/21 through 12/21	322,723,522	8	347,057	68	924,243	102,737	583,804	1,957,841	0.607
1/22 through 12/22	389,868,514	7	149,907	67	1,509,842	96,077	1,038,155	2,793,981	0.717
1/23 through 12/23	419,740,106	6	545,572	35	727,261	279,845	450,400	2,003,078	0.477
5 YR. TOTAL	1,785,387,317	50	1,652,996	336	5,140,579	857,342	3,674,163	11,325,080	0.634
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		41%	0.3805		58%	0.2538		0.634	
Pure Premium Indicated by National Relativity		29%	0.4934		21%	0.4268		0.920	
Pure Premium Present on Rate Level		30%	0.4378		21%	0.3309		0.769	
Pure Premium Derived by Formula		0.4304			0.3063			0.737	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2095		MEAT PRODUCTS MFG NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	117,988,275	0	0	19	267,592	0	237,181	504,773	0.428
1/20 through 12/20	141,884,393	4	47,986	21	272,428	33,526	280,538	634,478	0.447
1/21 through 12/21	153,974,030	7	60,511	21	249,278	68,727	549,706	928,222	0.603
1/22 through 12/22	171,886,852	4	73,523	32	823,796	66,344	461,094	1,424,757	0.829
1/23 through 12/23	170,624,406	2	6,647	23	509,284	16,326	459,340	991,597	0.581
5 YR. TOTAL	756,357,956	17	188,667	116	2,122,378	184,923	1,987,859	4,483,827	0.593
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		28%	0.3055		41%	0.2873		0.593	
Pure Premium Indicated by National Relativity		36%	0.5789		29%	0.4594		1.038	
Pure Premium Present on Rate Level		36%	0.4855		30%	0.3886		0.874	
Pure Premium Derived by Formula		0.4687			0.3676			0.836	

CLASS 2105	FRUIT PACKING								
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,326,170	0	0	2	8,243	0	10,010	18,253	0.785
1/20 through 12/20	2,053,891	0	0	0	0	0	2,444	2,444	0.119
1/21 through 12/21	2,543,371	0	0	0	0	0	3,914	3,914	0.154
1/22 through 12/22	3,458,762	0	0	1	53,555	0	50,975	104,530	3.022
1/23 through 12/23	2,904,600	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	13,286,794	0	0	3	61,798	0	67,343	129,141	0.972
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		4%	0.4651		7%	0.5068		0.972	
Pure Premium Indicated by National Relativity		43%	0.6688		46%	0.6078		1.277	
Pure Premium Present on Rate Level		53%	0.6748		47%	0.5893		1.264	
Pure Premium Derived by Formula		0.6638			0.5920			1.256	

CLASS 2110	PICKLE MFG								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	45,809,137	3	51,674	11	84,859	15,265	80,743	232,541	0.508
1/20 through 12/20	55,897,964	2	52,563	13	141,495	26,596	210,921	431,575	0.772
1/21 through 12/21	60,223,241	3	54,012	9	60,413	40,587	182,327	337,339	0.560
1/22 through 12/22	59,812,438	0	0	5	141,055	0	463,492	604,547	1.011
1/23 through 12/23	61,787,432	1	42,229	5	86,771	49,402	108,769	287,171	0.465
5 YR. TOTAL	283,530,212	9	200,478	43	514,593	131,850	1,046,252	1,893,173	0.668
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		19%	0.2522		30%	0.4155		0.668	
Pure Premium Indicated by National Relativity		17%	0.7342		18%	0.6945		1.429	
Pure Premium Present on Rate Level		64%	0.5700		52%	0.5513		1.121	
Pure Premium Derived by Formula		0.5375			0.5363			1.074	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2111		CANNERY NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	81,515,885	1	4,144	2	23,150	6,692	17,115	51,101	0.063
1/20 through 12/20	92,566,814	3	84,190	4	6,816	66,567	40,833	198,406	0.214
1/21 through 12/21	92,975,958	1	20,578	11	136,868	6,381	80,966	244,793	0.263
1/22 through 12/22	96,983,514	2	45,860	8	185,182	15,091	186,026	432,159	0.446
1/23 through 12/23	95,868,549	0	0	12	424,042	0	311,981	736,023	0.768
5 YR. TOTAL	459,910,720	7	154,772	37	776,058	94,731	636,921	1,662,482	0.362
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		19%	0.2024	27%	0.1591	0.362			
Pure Premium Indicated by National Relativity		40%	0.5294	36%	0.3922	0.922			
Pure Premium Present on Rate Level		41%	0.3818	37%	0.2761	0.658			
Pure Premium Derived by Formula		0.4068		0.2863		0.693			

CLASS 2112		FRUIT EVAPORATING OR PRESERVING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,485,237	1	23,985	1	8,544	13,811	7,950	54,290	3.655
1/20 through 12/20	945,618	0	0	2	5,950	0	7,364	13,314	1.408
1/21 through 12/21	2,254,565	0	0	0	0	0	7,847	7,847	0.348
1/22 through 12/22	1,490,096	0	0	0	0	0	211	211	0.014
1/23 through 12/23	461,201	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	6,636,717	1	23,985	3	14,494	13,811	23,372	75,662	1.140
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.5798	5%	0.5603	1.140			
Pure Premium Indicated by National Relativity		40%	0.6687	42%	0.5706	1.239			
Pure Premium Present on Rate Level		57%	0.7339	53%	0.6573	1.391			
Pure Premium Derived by Formula		0.7032		0.6160		1.319			

CLASS 2114		OYSTER PROCESSING							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	64,823	0	0	0	0	0	0	0	0.000
1/20 through 12/20	14,511	0	0	0	0	0	0	0	0.000
1/21 through 12/21	57,756	0	0	0	0	0	311	311	0.539
1/22 through 12/22	115,570	0	0	0	0	0	0	0	0.000
1/23 through 12/23	349,437	0	0	1	7,779	0	3,960	11,739	3.360
5 YR. TOTAL	602,097	0	0	1	7,779	0	4,271	12,050	2.002
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	1.2921	1%	0.7095	2.002			
Pure Premium Indicated by National Relativity		11%	0.4900	12%	0.3758	0.866			
Pure Premium Present on Rate Level		88%	0.3351	87%	0.3300	0.665			
Pure Premium Derived by Formula		0.3617		0.3393		0.701			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2121		BREWERY & DRIVERS							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	57,557,223	1	36,901	11	137,711	105,523	170,131	450,266	0.782
1/20 through 12/20	63,304,617	0	0	11	103,573	0	103,702	207,275	0.327
1/21 through 12/21	81,035,896	0	0	12	228,290	0	305,770	534,060	0.659
1/22 through 12/22	91,200,776	0	0	10	93,955	0	94,464	188,419	0.207
1/23 through 12/23	93,521,132	0	0	4	72,582	0	143,249	215,831	0.231
5 YR. TOTAL	386,619,644	1	36,901	48	636,111	105,523	817,316	1,595,851	0.413
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		14%	0.1741		23%	0.2387		0.413	
Pure Premium Indicated by National Relativity		43%	0.2431		38%	0.2322		0.475	
Pure Premium Present on Rate Level		43%	0.2288		39%	0.2377		0.467	
Pure Premium Derived by Formula		0.2273			0.2358			0.463	

CLASS 2130		SPIRITUOUS LIQUOR DISTILLERY							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	3,686,616	0	0	0	0	0	470	470	0.013
1/20 through 12/20	4,197,379	0	0	0	0	0	0	0	0.000
1/21 through 12/21	5,095,038	0	0	2	73,536	0	70,620	144,156	2.829
1/22 through 12/22	6,572,883	0	0	0	0	0	1,289	1,289	0.020
1/23 through 12/23	7,874,005	0	0	1	23,790	0	26,645	50,435	0.641
5 YR. TOTAL	27,425,921	0	0	3	97,326	0	99,024	196,350	0.716
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		4%	0.3549		7%	0.3611		0.716	
Pure Premium Indicated by National Relativity		35%	0.3861		38%	0.3302		0.716	
Pure Premium Present on Rate Level		61%	0.3426		55%	0.3425		0.685	
Pure Premium Derived by Formula		0.3583			0.3391			0.697	

CLASS 2131		SPIRITUOUS LIQUOR BOTTLING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	663,271	0	0	0	0	0	0	0	0.000
1/20 through 12/20	852,756	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,037,015	0	0	0	0	0	0	0	0.000
1/22 through 12/22	1,283,817	0	0	1	362	0	218	580	0.045
1/23 through 12/23	10,060,725	1	43,387	3	71,700	20,652	57,098	192,837	1.917
5 YR. TOTAL	13,897,584	1	43,387	4	72,062	20,652	57,316	193,417	1.392
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		3%	0.8307		4%	0.5610		1.392	
Pure Premium Indicated by National Relativity		27%	0.4503		29%	0.3122		0.763	
Pure Premium Present on Rate Level		70%	0.2827		67%	0.2496		0.532	
Pure Premium Derived by Formula		0.3444			0.2802			0.625	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2143		FRUIT JUICE MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	15,985,265	1	1,714	4	25,815	23,707	42,055	93,291	0.584
1/20 through 12/20	16,353,654	0	0	4	234,895	0	62,223	297,118	1.817
1/21 through 12/21	17,092,327	0	0	5	94,166	0	202,990	297,156	1.739
1/22 through 12/22	17,420,570	0	0	4	26,534	0	28,813	55,347	0.318
1/23 through 12/23	16,376,750	0	0	2	19,012	0	5,447	24,459	0.149
5 YR. TOTAL	83,228,566	1	1,714	19	400,422	23,707	341,528	767,371	0.922
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	0.4832	13%	0.4388	0.922			
Pure Premium Indicated by National Relativity		35%	0.3253	38%	0.2918	0.617			
Pure Premium Present on Rate Level		56%	0.4327	49%	0.3508	0.784			
Pure Premium Derived by Formula		0.3997		0.3398		0.740			

CLASS 2157		BOTTLING-ALL OPERATIONS & ROUTE SUPERVISORS, DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	264,879,246	12	673,959	88	902,568	335,539	808,776	2,720,842	1.027
1/20 through 12/20	267,426,649	16	800,024	114	2,241,389	332,761	1,319,721	4,693,895	1.755
1/21 through 12/21	314,365,206	19	1,081,539	114	2,153,137	312,388	1,235,775	4,782,839	1.522
1/22 through 12/22	372,675,988	20	926,780	128	1,877,574	862,206	1,390,602	5,057,162	1.357
1/23 through 12/23	384,917,129	14	668,996	115	2,374,568	391,459	1,412,624	4,847,647	1.259
5 YR. TOTAL	1,604,264,218	81	4,151,298	559	9,549,236	2,234,353	6,167,498	22,102,385	1.378
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		52%	0.8540	68%	0.5237	1.378			
Pure Premium Indicated by National Relativity		24%	0.8516	16%	0.5454	1.397			
Pure Premium Present on Rate Level		24%	0.7834	16%	0.5014	1.285			
Pure Premium Derived by Formula		0.8365		0.5236		1.360			

CLASS 2172		TOBACCO PRODUCTS MFG. NOC							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	105,083,224	2	58,183	9	422,952	38,803	426,551	946,489	0.901
1/20 through 12/20	105,614,647	0	0	17	366,217	0	278,017	644,234	0.610
1/21 through 12/21	123,017,150	2	209,328	11	195,647	193,803	143,364	742,142	0.603
1/22 through 12/22	135,798,905	1	39,839	14	277,372	19,122	146,795	483,128	0.356
1/23 through 12/23	134,672,145	2	446,200	6	559,638	143,368	276,616	1,425,822	1.059
5 YR. TOTAL	604,186,071	7	753,550	57	1,821,826	395,096	1,271,343	4,241,815	0.702
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		22%	0.4263	31%	0.2758	0.702			
Pure Premium Indicated by National Relativity		24%	0.4053	26%	0.2556	0.661			
Pure Premium Present on Rate Level		54%	0.3586	43%	0.2736	0.632			
Pure Premium Derived by Formula		0.3847		0.2696		0.654			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2174		TOBACCO REHANDLING OR WAREHOUSING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	36,030,295	0	0	11	356,776	0	480,715	837,491	2.324
1/20 through 12/20	33,577,120	1	133,194	7	53,133	91,046	151,343	428,716	1.277
1/21 through 12/21	37,169,833	1	665	13	218,606	10,233	251,583	481,087	1.294
1/22 through 12/22	41,720,689	1	51,251	9	213,858	109,847	252,477	627,433	1.504
1/23 through 12/23	48,480,604	0	0	9	287,137	0	168,781	455,918	0.940
5 YR. TOTAL	196,978,541	3	185,110	49	1,129,510	211,126	1,304,899	2,830,645	1.437
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	0.6674	26%	0.7696	1.437			
Pure Premium Indicated by National Relativity		9%	0.1593	10%	0.1561	0.315			
Pure Premium Present on Rate Level		77%	0.4805	64%	0.6148	1.095			
Pure Premium Derived by Formula		0.4778		0.6092		1.087			

CLASS 2211		COTTON BATTING, WADDING OR WASTE MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	7,482,635	0	0	2	44,510	0	58,792	103,302	1.381
1/20 through 12/20	8,098,804	0	0	1	1,572	0	3,818	5,390	0.067
1/21 through 12/21	9,196,035	0	0	3	54,082	0	56,634	110,716	1.204
1/22 through 12/22	9,830,943	0	0	2	55,000	0	122,762	177,762	1.808
1/23 through 12/23	9,846,991	0	0	4	105,621	0	56,048	161,669	1.642
5 YR. TOTAL	44,455,408	0	0	12	260,785	0	298,054	558,839	1.257
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.5866	17%	0.6705	1.257			
Pure Premium Indicated by National Relativity		15%	2.4205	16%	1.8640	4.285			
Pure Premium Present on Rate Level		74%	1.1905	67%	1.1493	2.340			
Pure Premium Derived by Formula		1.3086		1.1823		2.491			

CLASS 2220		YARN OR THREAD MFG-COTTON							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	215,926,811	7	274,790	38	443,029	347,269	514,539	1,579,627	0.732
1/20 through 12/20	146,296,834	5	297,755	45	840,224	209,113	743,705	2,090,797	1.429
1/21 through 12/21	171,773,874	5	536,322	29	478,777	219,066	337,357	1,571,522	0.915
1/22 through 12/22	254,028,940	8	267,684	36	546,670	238,249	782,975	1,835,578	0.723
1/23 through 12/23	253,739,248	6	353,821	27	639,051	259,184	1,082,267	2,334,323	0.920
5 YR. TOTAL	1,041,765,707	31	1,730,372	175	2,947,751	1,272,881	3,460,843	9,411,847	0.904
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		33%	0.4491	49%	0.4544	0.904			
Pure Premium Indicated by National Relativity		33%	0.5251	25%	0.3782	0.903			
Pure Premium Present on Rate Level		34%	0.4898	26%	0.3988	0.889			
Pure Premium Derived by Formula		0.4880		0.4209		0.909			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2288		FELTING MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	46,701,401	1	24,863	12	420,857	16,801	569,804	1,032,325	2.211
1/20 through 12/20	52,032,980	2	13,343	17	292,337	9,750	212,662	528,092	1.015
1/21 through 12/21	78,315,881	2	15,790	18	337,365	13,146	263,125	629,426	0.804
1/22 through 12/22	31,857,371	1	9,711	5	139,027	1,195	509,657	659,590	2.071
1/23 through 12/23	47,399,177	3	262,218	5	161,231	156,719	188,960	769,128	1.623
5 YR. TOTAL	256,306,810	9	325,925	57	1,350,817	197,611	1,744,208	3,618,561	1.412
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		19%	0.6542		34%	0.7576		1.412	
Pure Premium Indicated by National Relativity		22%	0.7154		23%	0.7182		1.434	
Pure Premium Present on Rate Level		59%	0.6829		43%	0.7726		1.456	
Pure Premium Derived by Formula		0.6846			0.7550			1.440	

CLASS 2302		SILK THREAD OR YARN MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	189,082,787	4	216,799	24	317,414	160,647	356,334	1,051,194	0.556
1/20 through 12/20	146,198,745	1	12,668	29	592,492	0	835,095	1,440,255	0.985
1/21 through 12/21	176,096,980	4	80,184	28	577,447	45,132	378,601	1,081,364	0.614
1/22 through 12/22	193,946,483	1	9,846	31	347,309	3,766	443,179	804,100	0.415
1/23 through 12/23	204,521,344	1	92,048	18	204,367	92,115	207,780	596,310	0.292
5 YR. TOTAL	909,846,339	11	411,545	130	2,039,029	301,660	2,220,989	4,973,223	0.547
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		25%	0.2693		42%	0.2773		0.547	
Pure Premium Indicated by National Relativity		26%	0.3123		28%	0.3181		0.630	
Pure Premium Present on Rate Level		49%	0.3182		30%	0.3394		0.658	
Pure Premium Derived by Formula		0.3044			0.3074			0.612	

CLASS 2305		TEXTILE FIBER MFG-SYNTHETIC							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	171,360,227	3	25,857	27	748,022	41,597	662,759	1,478,235	0.863
1/20 through 12/20	179,942,556	7	494,597	39	667,638	354,975	665,344	2,182,554	1.213
1/21 through 12/21	190,000,459	3	234,805	30	943,124	138,634	909,626	2,226,189	1.172
1/22 through 12/22	216,360,486	5	309,519	38	756,833	160,914	571,820	1,799,086	0.832
1/23 through 12/23	197,766,572	1	58,290	30	969,271	18,887	694,951	1,741,399	0.881
5 YR. TOTAL	955,430,300	19	1,123,068	164	4,084,888	715,007	3,504,500	9,427,463	0.987
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		31%	0.5451		48%	0.4416		0.987	
Pure Premium Indicated by National Relativity		34%	0.3934		26%	0.4172		0.811	
Pure Premium Present on Rate Level		35%	0.4714		26%	0.4179		0.889	
Pure Premium Derived by Formula		0.4677			0.4291			0.897	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2361	HOSIERY MFG								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	129,079,144	3	29,346	24	367,998	26,753	406,952	831,049	0.644
1/20 through 12/20	113,090,735	3	149,361	27	467,175	206,893	516,394	1,339,823	1.185
1/21 through 12/21	110,598,930	1	24,052	24	425,434	52,535	567,193	1,069,214	0.967
1/22 through 12/22	102,468,732	1	27,087	26	330,931	26,712	399,794	784,524	0.766
1/23 through 12/23	90,371,923	1	8,646	18	310,066	24,982	251,848	595,542	0.659
5 YR. TOTAL	545,609,464	9	238,492	119	1,901,604	337,875	2,142,181	4,620,152	0.847
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		19%	0.3922		33%	0.4545		0.847	
Pure Premium Indicated by National Relativity		15%	0.1963		16%	0.2843		0.481	
Pure Premium Present on Rate Level		66%	0.3052		51%	0.3584		0.664	
Pure Premium Derived by Formula		0.3054			0.3783			0.684	

CLASS 2362	KNIT GOODS MFG NOC								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	84,885,415	1	15,203	24	573,972	15,947	565,031	1,170,153	1.379
1/20 through 12/20	81,660,246	3	112,183	15	152,010	41,579	176,469	482,241	0.591
1/21 through 12/21	91,268,622	2	39,686	21	327,648	17,446	281,094	665,874	0.730
1/22 through 12/22	91,308,607	3	256,015	21	517,403	160,047	349,818	1,283,283	1.405
1/23 through 12/23	83,614,077	3	152,706	10	116,826	109,676	129,917	509,125	0.609
5 YR. TOTAL	432,736,967	12	575,793	91	1,687,859	344,695	1,502,329	4,110,676	0.950
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		20%	0.5231		33%	0.4268		0.950	
Pure Premium Indicated by National Relativity		14%	0.5241		15%	0.3809		0.905	
Pure Premium Present on Rate Level		66%	0.4465		52%	0.4502		0.897	
Pure Premium Derived by Formula		0.4727			0.4321			0.905	

CLASS 2380	WEBBING MFG								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	42,517,790	2	48,291	7	72,422	32,146	122,199	275,058	0.647
1/20 through 12/20	41,312,633	1	7,287	10	136,741	8,960	119,433	272,421	0.659
1/21 through 12/21	47,864,631	2	217,992	14	284,373	126,253	237,976	866,594	1.811
1/22 through 12/22	52,285,142	1	81,729	5	136,383	39,560	94,162	351,834	0.673
1/23 through 12/23	50,826,362	1	8,533	9	254,920	10,010	559,327	832,790	1.639
5 YR. TOTAL	234,806,558	7	363,832	45	884,839	216,929	1,133,097	2,598,697	1.107
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		14%	0.5318		22%	0.5750		1.107	
Pure Premium Indicated by National Relativity		29%	0.3616		31%	0.3146		0.676	
Pure Premium Present on Rate Level		57%	0.3776		47%	0.3629		0.741	
Pure Premium Derived by Formula		0.3945			0.3946			0.789	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2388		EMBROIDERY MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	21,193,383	0	0	2	4,504	0	7,376	11,880	0.056
1/20 through 12/20	18,741,504	0	0	3	11,792	0	12,963	24,755	0.132
1/21 through 12/21	21,391,575	0	0	3	4,196	0	14,173	18,369	0.086
1/22 through 12/22	24,932,164	0	0	2	30,275	0	28,145	58,420	0.234
1/23 through 12/23	25,598,122	0	0	4	242,186	0	80,153	322,339	1.259
5 YR. TOTAL	111,856,748	0	0	14	292,953	0	142,810	435,763	0.390
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.2619	11%	0.1277	0.390			
Pure Premium Indicated by National Relativity		22%	0.2234	24%	0.2180	0.441			
Pure Premium Present on Rate Level		71%	0.1969	65%	0.2057	0.403			
Pure Premium Derived by Formula		0.2073		0.2001		0.407			

CLASS 2402		CARPET OR RUG MFG NOC							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	43,007,620	1	7,908	2	3,516	18,595	32,283	62,302	0.145
1/20 through 12/20	46,579,931	1	10,784	4	60,501	35,104	163,740	270,129	0.580
1/21 through 12/21	37,546,121	4	205,035	8	146,713	103,350	106,561	561,659	1.496
1/22 through 12/22	33,122,734	4	62,775	5	179,014	106,623	112,020	460,432	1.390
1/23 through 12/23	30,205,731	0	0	2	44,567	0	40,998	85,565	0.283
5 YR. TOTAL	190,462,137	10	286,502	21	434,311	263,672	455,602	1,440,087	0.756
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.3785	20%	0.3776	0.756			
Pure Premium Indicated by National Relativity		43%	0.3823	40%	0.3126	0.695			
Pure Premium Present on Rate Level		45%	0.3445	40%	0.3671	0.712			
Pure Premium Derived by Formula		0.3648		0.3474		0.712			

CLASS 2413		TEXTILE-BLEACHING, DYEING, MERCERIZING, FINISHING							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	64,738,304	1	49,924	15	407,524	21,421	341,082	819,951	1.267
1/20 through 12/20	58,764,596	6	86,421	11	137,702	32,566	129,032	385,721	0.656
1/21 through 12/21	65,905,442	2	12,855	21	221,358	44,808	308,308	587,329	0.891
1/22 through 12/22	64,040,337	3	122,588	15	163,104	12,353	160,501	458,546	0.716
1/23 through 12/23	61,975,041	2	26,551	11	466,472	12,528	514,901	1,020,452	1.647
5 YR. TOTAL	315,423,720	14	298,339	73	1,396,160	123,676	1,453,824	3,271,999	1.037
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.5372	26%	0.5001	1.037			
Pure Premium Indicated by National Relativity		16%	0.2201	17%	0.1770	0.397			
Pure Premium Present on Rate Level		68%	0.3829	57%	0.3731	0.756			
Pure Premium Derived by Formula		0.3815		0.3728		0.754			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2416		YARN DYEING OR FINISHING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	10,255,659	0	0	0	0	0	17,204	17,204	0.168
1/20 through 12/20	8,866,901	0	0	0	0	0	8,254	8,254	0.093
1/21 through 12/21	9,418,327	0	0	2	37,146	0	15,830	52,976	0.563
1/22 through 12/22	11,510,605	1	77,099	3	197,330	19,736	143,848	438,013	3.805
1/23 through 12/23	11,925,241	0	0	1	13,313	0	79,744	93,057	0.780
5 YR. TOTAL	51,976,733	1	77,099	6	247,789	19,736	264,880	609,504	1.173
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.6251	11%	0.5476	1.173			
Pure Premium Indicated by National Relativity		5%	0.5116	5%	0.6455	1.157			
Pure Premium Present on Rate Level		88%	0.4077	84%	0.4436	0.851			
Pure Premium Derived by Formula		0.4281		0.4651		0.893			

CLASS 2417		CLOTH PRINTING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	7,499,386	0	0	1	144	0	9,603	9,747	0.130
1/20 through 12/20	9,132,009	0	0	2	5,001	0	18,828	23,829	0.261
1/21 through 12/21	4,810,469	0	0	1	20,740	0	18,235	38,975	0.810
1/22 through 12/22	5,522,538	1	17,782	0	0	12,094	6,544	36,420	0.660
1/23 through 12/23	6,404,872	0	0	2	24,786	0	8,910	33,696	0.526
5 YR. TOTAL	33,369,274	1	17,782	6	50,671	12,094	62,120	142,667	0.428
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.2051	7%	0.2224	0.428			
Pure Premium Indicated by National Relativity		8%	0.1067	8%	0.0962	0.203			
Pure Premium Present on Rate Level		88%	0.2371	85%	0.2520	0.489			
Pure Premium Derived by Formula		0.2254		0.2375		0.463			

CLASS 2501		CLOTH, CANVAS AND RELATED PRODUCTS MFG. NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	308,249,802	5	80,725	74	852,094	47,635	1,242,354	2,222,808	0.721
1/20 through 12/20	319,921,426	9	235,702	77	1,003,070	147,697	1,101,960	2,488,429	0.778
1/21 through 12/21	325,852,396	7	381,203	81	1,408,331	158,295	1,168,230	3,116,059	0.956
1/22 through 12/22	354,351,578	2	17,581	55	929,174	39,089	1,055,974	2,041,818	0.576
1/23 through 12/23	307,756,960	7	235,543	42	523,685	218,279	608,378	1,585,885	0.515
5 YR. TOTAL	1,616,132,162	30	950,754	329	4,716,354	610,995	5,176,896	11,454,999	0.709
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		36%	0.3507	59%	0.3581	0.709			
Pure Premium Indicated by National Relativity		32%	0.3632	20%	0.3408	0.704			
Pure Premium Present on Rate Level		32%	0.3733	21%	0.3729	0.746			
Pure Premium Derived by Formula		0.3619		0.3577		0.720			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2503		DRESSMAKING OR TAILORING-CUSTOM EXCLUSIVELY							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	4,364,684	0	0	1	2,400	0	16,608	19,008	0.436
1/20 through 12/20	3,719,317	0	0	0	0	0	294	294	0.008
1/21 through 12/21	4,896,998	1	10,246	1	7,782	9,741	13,961	41,730	0.852
1/22 through 12/22	5,278,300	0	0	0	0	0	867	867	0.016
1/23 through 12/23	5,750,570	0	0	0	0	0	5,768	5,768	0.100
5 YR. TOTAL	24,009,869	1	10,246	2	10,182	9,741	37,498	67,667	0.282
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.0851	5%	0.1967	0.282			
Pure Premium Indicated by National Relativity		10%	0.1238	11%	0.1458	0.270			
Pure Premium Present on Rate Level		87%	0.1751	84%	0.1971	0.372			
Pure Premium Derived by Formula		0.1673		0.1914		0.359			

CLASS 2570		MATTRESS OR BOX SPRING MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	28,264,474	0	0	4	67,987	0	68,855	136,842	0.484
1/20 through 12/20	30,632,693	0	0	4	69,490	0	45,803	115,293	0.376
1/21 through 12/21	32,067,721	2	71,408	8	161,354	33,173	105,480	371,415	1.158
1/22 through 12/22	29,220,254	2	357,313	3	14,377	120,889	39,290	531,869	1.820
1/23 through 12/23	33,471,192	0	0	6	71,379	0	137,179	208,558	0.623
5 YR. TOTAL	153,656,334	4	428,721	25	384,587	154,062	396,607	1,363,977	0.888
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	0.5293	21%	0.3584	0.888			
Pure Premium Indicated by National Relativity		42%	0.8014	39%	0.5178	1.319			
Pure Premium Present on Rate Level		43%	0.6684	40%	0.5125	1.181			
Pure Premium Derived by Formula		0.7034		0.4822		1.186			

CLASS 2585		LAUNDRY NOC & ROUTE SUPERVISORS, DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	163,508,357	10	267,415	22	315,789	400,991	451,964	1,436,159	0.878
1/20 through 12/20	172,461,776	7	309,759	23	296,837	149,017	502,919	1,258,532	0.730
1/21 through 12/21	156,731,911	7	427,869	44	730,589	480,267	831,025	2,469,750	1.576
1/22 through 12/22	186,564,462	3	89,946	33	395,525	42,065	376,446	903,982	0.485
1/23 through 12/23	211,838,121	8	311,389	29	646,356	219,808	584,855	1,762,408	0.832
5 YR. TOTAL	891,104,627	35	1,406,378	151	2,385,096	1,292,148	2,747,209	7,830,831	0.879
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	0.4255	49%	0.4533	0.879			
Pure Premium Indicated by National Relativity		34%	0.6918	25%	0.5423	1.234			
Pure Premium Present on Rate Level		34%	0.5285	26%	0.4714	1.000			
Pure Premium Derived by Formula		0.5511		0.4803		1.031			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2586		CLEANING OR DYEING & ROUTE SUPERVISORS, DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	5,529,031	0	0	0	0	0	1,147	1,147	0.021
1/20 through 12/20	8,551,740	0	0	4	76,958	0	47,088	124,046	1.451
1/21 through 12/21	6,459,425	0	0	4	169,252	0	209,590	378,842	5.865
1/22 through 12/22	6,609,330	1	54,707	0	0	28,182	7,500	90,389	1.368
1/23 through 12/23	4,658,028	1	58,216	1	2,116	35,924	34,589	130,845	2.809
5 YR. TOTAL	31,807,554	2	112,923	9	248,326	64,106	299,914	725,269	2.280
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	1.1357	11%	1.1444	2.280			
Pure Premium Indicated by National Relativity		37%	0.6272	39%	0.5413	1.169			
Pure Premium Present on Rate Level		56%	0.6527	50%	0.7122	1.365			
Pure Premium Derived by Formula			0.6771		0.6931	1.370			

CLASS 2587		TOWEL OR TOILET SUPPLY CO. & ROUTE SUPERVISORS, DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,897,608	0	0	2	81,284	0	50,224	131,508	4.539
1/20 through 12/20	3,203,852	0	0	1	131,552	0	50,261	181,813	5.675
1/21 through 12/21	2,788,973	0	0	0	0	0	0	0	0.000
1/22 through 12/22	2,753,792	0	0	0	0	0	1,957	1,957	0.071
1/23 through 12/23	3,180,798	1	264,976	1	30,874	82,363	3,973	382,186	12.015
5 YR. TOTAL	14,825,023	1	264,976	4	243,710	82,363	106,415	697,464	4.705
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	3.4313	6%	1.2734	4.705			
Pure Premium Indicated by National Relativity		10%	0.6477	11%	0.3588	1.007			
Pure Premium Present on Rate Level		85%	0.6515	83%	0.4630	1.115			
Pure Premium Derived by Formula			0.7901		0.5002	1.290			

CLASS 2589		LAUNDRY AND DRY CLEANING STORE-RETAIL-& ROUTE SUPERVISORS, DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	49,385,049	1	2,351	5	52,105	0	37,906	92,362	0.187
1/20 through 12/20	37,802,958	0	0	3	25,310	0	70,294	95,604	0.253
1/21 through 12/21	38,876,063	1	28,730	7	91,767	50,375	84,094	254,966	0.656
1/22 through 12/22	44,285,665	1	6,884	6	137,882	13,970	417,943	576,679	1.302
1/23 through 12/23	50,423,519	1	65,143	12	111,147	33,317	114,393	324,000	0.643
5 YR. TOTAL	220,773,254	4	103,108	33	418,211	97,662	724,630	1,343,611	0.609
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.2361	21%	0.3725	0.609			
Pure Premium Indicated by National Relativity		41%	0.3861	39%	0.3652	0.751			
Pure Premium Present on Rate Level		47%	0.2958	40%	0.3424	0.638			
Pure Premium Derived by Formula			0.3257		0.3576	0.683			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2600		FUR PROCESSING-PREPARING SKINS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	535,375	0	0	0	0	0	0	0	0.000
1/20 through 12/20	545,195	0	0	0	0	0	0	0	0.000
1/21 through 12/21	533,119	0	0	1	2,764	0	2,002	4,766	0.894
1/22 through 12/22	170,984	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	1,784,673	0	0	1	2,764	0	2,002	4,766	0.267
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.1549	2%	0.1122	0.267			
Pure Premium Indicated by National Relativity		5%	0.2649	5%	0.3851	0.650			
Pure Premium Present on Rate Level		93%	0.8048	93%	0.5416	1.346			
Pure Premium Derived by Formula		0.7648		0.5252		1.290			

CLASS 2623		LEATHER MFG.--INCLUDING TANNING, LEATHER EMBOSSED, AND WOOL PULLING							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	19,656	0	0	0	0	0	0	0	0.000
1/21 through 12/21	35,983	0	0	1	1,210	0	0	1,210	3.363
1/22 through 12/22	46,285	0	0	0	0	0	0	0	0.000
1/23 through 12/23	29,846	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	131,770	0	0	1	1,210	0	0	1,210	0.919
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.9186	1%	0.0000	0.919			
Pure Premium Indicated by National Relativity		14%	0.6146	15%	0.7517	1.366			
Pure Premium Present on Rate Level		86%	0.8245	84%	0.8402	1.665			
Pure Premium Derived by Formula		0.7951		0.8185		1.614			

CLASS 2651		SHOE STOCK MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	17,430,610	1	5,219	4	28,322	8,429	46,117	88,087	0.505
1/20 through 12/20	17,469,693	0	0	7	166,682	0	80,602	247,284	1.416
1/21 through 12/21	20,505,443	0	0	2	1,243	0	11,251	12,494	0.061
1/22 through 12/22	18,341,382	0	0	4	56,455	0	24,091	80,546	0.439
1/23 through 12/23	15,549,611	0	0	1	25,934	0	8,507	34,441	0.222
5 YR. TOTAL	89,296,739	1	5,219	18	278,636	8,429	170,568	462,852	0.518
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.3179	10%	0.2005	0.518			
Pure Premium Indicated by National Relativity		16%	0.2931	17%	0.2881	0.581			
Pure Premium Present on Rate Level		77%	0.2406	73%	0.2107	0.451			
Pure Premium Derived by Formula		0.2544		0.2228		0.477			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2660		BOOT OR SHOE MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	7,451,787	0	0	2	3,806	0	7,495	11,301	0.152
1/20 through 12/20	5,513,480	0	0	2	44,260	0	19,828	64,088	1.162
1/21 through 12/21	6,446,941	0	0	1	5,280	0	9,240	14,520	0.225
1/22 through 12/22	8,788,248	0	0	1	458	0	6,918	7,376	0.084
1/23 through 12/23	9,608,938	0	0	0	0	0	10,160	10,160	0.106
5 YR. TOTAL	37,809,394	0	0	6	53,804	0	53,641	107,445	0.284
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.1423	9%	0.1419	0.284			
Pure Premium Indicated by National Relativity		27%	0.2993	29%	0.2351	0.534			
Pure Premium Present on Rate Level		68%	0.3031	62%	0.3687	0.672			
Pure Premium Derived by Formula		0.2940		0.3095		0.604			

CLASS 2688		LEATHER GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	16,758,148	0	0	5	134,449	0	80,507	214,956	1.283
1/20 through 12/20	18,025,271	1	29,166	7	67,515	28,427	38,243	163,351	0.906
1/21 through 12/21	20,350,551	1	43,936	1	671	18,783	14,755	78,145	0.384
1/22 through 12/22	17,146,231	1	257,926	1	17,049	31,899	13,472	320,346	1.868
1/23 through 12/23	7,295,182	1	8,528	0	0	5,363	2,070	15,961	0.219
5 YR. TOTAL	79,575,383	4	339,556	14	219,684	84,472	149,047	792,759	0.996
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.7028	13%	0.2935	0.996			
Pure Premium Indicated by National Relativity		17%	0.2327	19%	0.2430	0.476			
Pure Premium Present on Rate Level		76%	0.3265	68%	0.3435	0.670			
Pure Premium Derived by Formula		0.3369		0.3179		0.655			

CLASS 2702		LOGGING OR TREE REMOVAL - NONMECHANIZED OPERATIONS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	3,843,095	2	122,512	2	6,288	293,882	10,870	433,552	11.281
1/20 through 12/20	3,748,778	0	0	2	28,782	0	47,833	76,615	2.044
1/21 through 12/21	3,091,691	0	0	2	145,244	0	125,477	270,721	8.756
1/22 through 12/22	2,946,299	0	0	1	7,384	0	13,112	20,496	0.696
1/23 through 12/23	2,715,862	0	0	2	50,741	0	73,525	124,266	4.576
5 YR. TOTAL	16,345,725	2	122,512	9	238,439	293,882	270,817	925,650	5.663
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	2.2082	17%	3.4547	5.663			
Pure Premium Indicated by National Relativity		44%	4.3448	41%	2.8100	7.155			
Pure Premium Present on Rate Level		44%	3.9124	42%	3.0879	7.000			
Pure Premium Derived by Formula		3.8982		3.0363		6.935			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2705		LOGGING OR TREE REMOVAL-PULPWOOD ONLY-ALL OPERATIONS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	6,900	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,526	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	8,426	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	1%	0.0000	0.000			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		100%	10.5319	99%	8.6977	19.230			
Pure Premium Derived by Formula		10.5319		8.6107		19.143			

CLASS 2709		LOGGING OR TREE REMOVAL - MECHANIZED EQUIPMENT OPERATORS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	73,453,471	2	446,484	12	362,014	441,823	224,996	1,475,317	2.009
1/20 through 12/20	76,707,602	3	409,102	19	300,180	328,144	286,878	1,324,304	1.727
1/21 through 12/21	82,120,741	3	202,323	19	315,483	106,303	357,368	981,477	1.195
1/22 through 12/22	81,274,687	4	219,341	6	114,942	136,554	122,228	593,065	0.730
1/23 through 12/23	81,256,176	2	87,450	8	272,289	80,266	242,861	682,866	0.840
5 YR. TOTAL	394,812,677	14	1,364,700	64	1,364,908	1,093,090	1,234,331	5,057,029	1.281
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		35%	0.6914	48%	0.5895	1.281			
Pure Premium Indicated by National Relativity		32%	2.0627	26%	1.6491	3.712			
Pure Premium Present on Rate Level		33%	1.4127	26%	1.0221	2.435			
Pure Premium Derived by Formula		1.3682		0.9775		2.346			

CLASS 2710		SAW MILL							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	87,781,685	6	341,562	29	546,363	169,646	796,277	1,853,848	2.112
1/20 through 12/20	95,584,932	1	2,969	39	860,963	2,333	789,625	1,655,890	1.732
1/21 through 12/21	138,571,970	2	92,357	39	695,768	58,845	642,986	1,489,956	1.075
1/22 through 12/22	157,276,486	1	50,758	31	904,683	19,826	726,934	1,702,201	1.082
1/23 through 12/23	151,126,664	3	265,451	27	1,420,789	132,035	875,576	2,693,851	1.783
5 YR. TOTAL	630,341,737	13	753,097	165	4,428,566	382,685	3,831,398	9,395,746	1.491
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		36%	0.8220	56%	0.6685	1.491			
Pure Premium Indicated by National Relativity		32%	0.9154	22%	0.9216	1.837			
Pure Premium Present on Rate Level		32%	0.9802	22%	0.8723	1.853			
Pure Premium Derived by Formula		0.9025		0.7690		1.672			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2714		VENEER MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,882,887	0	0	5	51,697	0	115,337	167,034	8.871
1/20 through 12/20	1,120,686	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,195,479	0	0	0	0	0	0	0	0.000
1/22 through 12/22	1,363,832	0	0	0	0	0	167	167	0.012
1/23 through 12/23	946,843	0	0	0	0	0	159	159	0.017
5 YR. TOTAL	6,509,727	0	0	5	51,697	0	115,663	167,360	2.571
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		3%	0.7941		6%	1.7768		2.571	
Pure Premium Indicated by National Relativity		13%	0.4273		14%	0.5870		1.014	
Pure Premium Present on Rate Level		84%	0.6024		80%	0.8139		1.416	
Pure Premium Derived by Formula			0.5854			0.8399		1.425	

CLASS 2727		LOG HAULING & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	33,615,566	4	266,103	14	298,091	512,202	290,047	1,366,443	4.065
1/20 through 12/20	32,889,590	2	322,199	10	293,189	239,282	472,108	1,326,778	4.034
1/21 through 12/21	35,794,459	3	551,635	7	208,130	174,870	110,708	1,045,343	2.920
1/22 through 12/22	36,443,918	4	571,229	9	344,130	287,182	181,403	1,383,944	3.798
1/23 through 12/23	37,433,118	4	1,169,291	6	118,283	370,323	100,617	1,758,514	4.698
5 YR. TOTAL	176,176,651	17	2,880,457	46	1,261,823	1,583,859	1,154,883	6,881,022	3.906
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		27%	2.3512		40%	1.5545		3.906	
Pure Premium Indicated by National Relativity		0%	0.0000		0%	0.0000		0.000	
Pure Premium Present on Rate Level		73%	1.8734		60%	1.6174		3.491	
Pure Premium Derived by Formula			2.0024			1.5922		3.595	

CLASS 2731		PLANING OR MOLDING MILL							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	74,781,120	3	540,483	31	532,218	323,220	350,932	1,746,853	2.336
1/20 through 12/20	85,178,240	3	76,174	16	326,994	179,994	363,884	947,046	1.112
1/21 through 12/21	95,185,265	3	146,977	26	931,721	64,594	402,890	1,546,182	1.624
1/22 through 12/22	105,256,917	2	328,633	20	370,694	178,938	379,068	1,257,333	1.195
1/23 through 12/23	99,782,127	1	120,346	16	849,983	187,234	584,133	1,741,696	1.746
5 YR. TOTAL	460,183,669	12	1,212,613	109	3,011,610	933,980	2,080,907	7,239,110	1.573
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		28%	0.9179		42%	0.6551		1.573	
Pure Premium Indicated by National Relativity		36%	0.7668		29%	0.6924		1.459	
Pure Premium Present on Rate Level		36%	0.7822		29%	0.6568		1.439	
Pure Premium Derived by Formula			0.8147			0.6664		1.481	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2735		FURNITURE STOCK MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	11,359,460	0	0	6	48,868	0	67,488	116,356	1.024
1/20 through 12/20	12,340,643	1	22,979	3	63,038	7,743	194,968	288,728	2.340
1/21 through 12/21	14,958,035	0	0	4	138,863	0	195,881	334,744	2.238
1/22 through 12/22	15,875,293	0	0	4	77,274	0	143,508	220,782	1.391
1/23 through 12/23	15,815,941	0	0	4	176,376	0	135,090	311,466	1.969
5 YR. TOTAL	70,349,372	1	22,979	21	504,419	7,743	736,935	1,272,076	1.808
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.7497	18%	1.0585	1.808			
Pure Premium Indicated by National Relativity		23%	0.8260	25%	0.6928	1.519			
Pure Premium Present on Rate Level		67%	0.7088	57%	0.8026	1.511			
Pure Premium Derived by Formula		0.7398		0.8212		1.561			

CLASS 2759		BOX OR BOX SHOOK MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	73,574,653	6	331,105	32	404,077	317,306	523,360	1,575,848	2.142
1/20 through 12/20	76,216,129	2	37,587	37	655,533	25,103	714,210	1,432,433	1.879
1/21 through 12/21	81,629,893	2	9,057	36	783,497	10,599	960,762	1,763,915	2.161
1/22 through 12/22	97,258,864	2	38,842	31	951,680	9,255	1,151,298	2,151,075	2.212
1/23 through 12/23	95,351,355	1	10,470	33	788,468	12,500	874,459	1,685,897	1.768
5 YR. TOTAL	424,030,894	13	427,061	169	3,583,255	374,763	4,224,089	8,609,168	2.030
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		28%	0.9458	47%	1.0846	2.030			
Pure Premium Indicated by National Relativity		36%	0.8152	26%	0.7554	1.571			
Pure Premium Present on Rate Level		36%	0.8639	27%	0.9048	1.769			
Pure Premium Derived by Formula		0.8693		0.9505		1.820			

CLASS 2790		PATTERN MAKING NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	3,253,506	0	0	1	1,485	0	5,016	6,501	0.200
1/20 through 12/20	3,071,391	0	0	0	0	0	1,218	1,218	0.040
1/21 through 12/21	3,583,651	0	0	1	14,491	0	19,012	33,503	0.935
1/22 through 12/22	4,131,538	0	0	0	0	0	309	309	0.008
1/23 through 12/23	4,230,149	0	0	2	15,559	0	16,964	32,523	0.769
5 YR. TOTAL	18,270,235	0	0	4	31,535	0	42,519	74,054	0.405
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.1726	6%	0.2327	0.405			
Pure Premium Indicated by National Relativity		17%	0.4202	19%	0.3422	0.762			
Pure Premium Present on Rate Level		80%	0.2948	75%	0.3031	0.598			
Pure Premium Derived by Formula		0.3125		0.3063		0.619			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2797		MANUFACTURED, MODULAR, OR PREFABRICATED HOME MANUFACTURING - SHOP WORK - ALL OPERATIONS & DRIVERS							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	62,175,628	2	62,488	26	480,974	33,070	426,994	1,003,526	1.614
1/20 through 12/20	67,141,823	5	180,631	32	239,813	244,691	229,059	894,194	1.332
1/21 through 12/21	89,284,613	3	191,367	28	540,612	114,163	677,098	1,523,240	1.706
1/22 through 12/22	88,153,189	4	185,138	26	596,837	490,431	629,964	1,902,370	2.158
1/23 through 12/23	104,840,473	4	165,727	25	605,079	143,516	478,758	1,393,080	1.329
5 YR. TOTAL	411,595,726	18	785,351	137	2,463,315	1,025,871	2,441,873	6,716,410	1.632
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		23%	0.7893		40%	0.8425		1.632	
Pure Premium Indicated by National Relativity		38%	0.4803		30%	0.4640		0.944	
Pure Premium Present on Rate Level		39%	0.5975		30%	0.6823		1.280	
Pure Premium Derived by Formula			0.5971			0.6809		1.278	

CLASS 2799		MANUFACTURED, MODULAR, OR PREFABRICATED HOME SETUP, HOOKUP, OR INSTALLATION AT BUILDING SITE							
Industry Group: Contracting Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	12,133,394	2	17,846	3	28,341	16,577	41,105	103,869	0.856
1/20 through 12/20	13,239,861	2	110,528	1	228	139,222	10,363	260,341	1.966
1/21 through 12/21	10,191,661	2	226,209	5	170,740	276,476	213,988	887,413	8.707
1/22 through 12/22	9,929,893	1	81,104	1	2,061	43,276	2,288	128,729	1.296
1/23 through 12/23	17,477,558	0	0	2	66,771	0	33,131	99,902	0.572
5 YR. TOTAL	62,972,367	7	435,687	12	268,141	475,551	300,875	1,480,254	2.351
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		14%	1.1177		20%	1.2330		2.351	
Pure Premium Indicated by National Relativity		29%	1.1638		32%	0.8664		2.030	
Pure Premium Present on Rate Level		57%	1.3565		48%	1.1323		2.489	
Pure Premium Derived by Formula			1.2672			1.0674		2.335	

CLASS 2802		CARPENTRY-SHOP ONLY-& DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	151,458,955	6	162,731	43	676,361	114,002	607,677	1,560,771	1.031
1/20 through 12/20	178,728,611	8	385,882	52	1,017,571	266,557	868,663	2,538,673	1.420
1/21 through 12/21	189,416,976	6	490,658	51	1,214,383	435,669	919,569	3,060,279	1.616
1/22 through 12/22	186,510,702	8	424,442	45	824,352	244,771	702,165	2,195,730	1.177
1/23 through 12/23	207,633,500	8	226,130	30	798,673	98,911	625,880	1,749,594	0.843
5 YR. TOTAL	913,748,744	36	1,689,843	221	4,531,340	1,159,910	3,723,954	11,105,047	1.215
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		38%	0.6808		55%	0.5345		1.215	
Pure Premium Indicated by National Relativity		31%	0.6239		22%	0.5508		1.175	
Pure Premium Present on Rate Level		31%	0.7197		23%	0.5840		1.304	
Pure Premium Derived by Formula			0.6752			0.5495		1.225	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2835		BRUSH OR BROOM ASSEMBLY							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,309,994	0	0	1	33,179	0	6,888	40,067	1.735
1/20 through 12/20	785,500	0	0	1	229	0	4,014	4,243	0.540
1/21 through 12/21	345,169	0	0	0	0	0	0	0	0.000
1/22 through 12/22	367,235	0	0	0	0	0	0	0	0.000
1/23 through 12/23	287,878	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	4,095,776	0	0	2	33,408	0	10,902	44,310	1.082
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.8157	3%	0.2662	1.082			
Pure Premium Indicated by National Relativity		17%	0.3688	18%	0.4048	0.774			
Pure Premium Present on Rate Level		81%	0.3906	79%	0.3541	0.745			
Pure Premium Derived by Formula		0.3954		0.3606		0.756			

CLASS 2836		BRUSH OR BROOM MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,398,782	0	0	0	0	0	0	0	0.000
1/20 through 12/20	2,847,761	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,933,676	0	0	1	3,017	0	3,483	6,500	0.336
1/22 through 12/22	2,110,904	0	0	1	3,954	0	2,669	6,623	0.314
1/23 through 12/23	2,367,979	0	0	1	889	0	834	1,723	0.073
5 YR. TOTAL	11,659,102	0	0	3	7,860	0	6,986	14,846	0.127
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.0674	5%	0.0599	0.127			
Pure Premium Indicated by National Relativity		16%	0.4946	17%	0.5093	1.004			
Pure Premium Present on Rate Level		81%	0.4496	78%	0.3763	0.826			
Pure Premium Derived by Formula		0.4453		0.3831		0.828			

CLASS 2841		WOODENWARE MANUFACTURING NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	12,445,994	1	3,542	3	8,517	14,973	7,070	34,102	0.274
1/20 through 12/20	13,332,411	1	21,070	3	51,009	16,572	53,308	141,959	1.065
1/21 through 12/21	14,928,675	0	0	7	80,978	0	118,603	199,581	1.337
1/22 through 12/22	16,021,151	0	0	3	17,854	0	13,452	31,306	0.195
1/23 through 12/23	15,212,646	0	0	4	87,084	0	46,508	133,592	0.878
5 YR. TOTAL	71,940,877	2	24,612	20	245,442	31,545	238,941	540,540	0.751
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	0.3754	15%	0.3760	0.751			
Pure Premium Indicated by National Relativity		26%	0.6496	28%	0.5705	1.220			
Pure Premium Present on Rate Level		65%	0.4948	57%	0.5450	1.040			
Pure Premium Derived by Formula		0.5243		0.5268		1.051			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2881		FURNITURE MANUFACTURING AND CABINET SHOP - ASSEMBLY BY HAND - WOOD							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	136,011,478	3	100,053	32	374,563	72,875	306,205	853,696	0.628
1/20 through 12/20	111,267,983	1	42,455	28	541,780	8,603	438,630	1,031,468	0.927
1/21 through 12/21	70,809,773	0	0	25	294,626	0	315,814	610,440	0.862
1/22 through 12/22	82,993,964	4	100,223	12	231,554	42,026	276,442	650,245	0.784
1/23 through 12/23	78,029,440	1	270,013	17	309,070	314,698	302,485	1,196,266	1.533
5 YR. TOTAL	479,112,638	9	512,744	114	1,751,593	438,202	1,639,576	4,342,115	0.906
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		22%	0.4726	32%	0.4337	0.906			
Pure Premium Indicated by National Relativity		39%	0.4824	34%	0.3968	0.879			
Pure Premium Present on Rate Level		39%	0.4856	34%	0.3849	0.871			
Pure Premium Derived by Formula		0.4815		0.4046		0.886			

CLASS 2883		FURNITURE MANUFACTURING AND CABINET SHOP - WOOD - NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	340,581,833	5	159,360	119	1,378,591	305,569	1,506,204	3,349,724	0.984
1/20 through 12/20	374,177,006	14	524,691	133	1,720,808	401,747	2,303,341	4,950,587	1.323
1/21 through 12/21	480,035,233	15	709,845	138	1,981,946	359,313	1,904,282	4,955,386	1.032
1/22 through 12/22	542,734,774	9	364,267	113	1,965,139	203,868	2,049,929	4,583,203	0.845
1/23 through 12/23	451,620,929	11	638,619	91	1,961,894	371,087	1,866,945	4,838,545	1.071
5 YR. TOTAL	2,189,149,775	54	2,396,782	594	9,008,378	1,641,584	9,630,701	22,677,445	1.036
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		50%	0.5210	81%	0.5149	1.036			
Pure Premium Indicated by National Relativity		25%	0.4779	9%	0.4324	0.910			
Pure Premium Present on Rate Level		25%	0.5302	10%	0.5293	1.060			
Pure Premium Derived by Formula		0.5125		0.5089		1.021			

CLASS 2915		VENEER PRODUCTS MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	33,850,350	6	57,155	4	104,438	21,485	60,977	244,055	0.721
1/20 through 12/20	36,703,535	0	0	3	14,791	0	19,584	34,375	0.094
1/21 through 12/21	8,854,982	1	57,492	0	0	115,930	5,446	178,868	2.020
1/22 through 12/22	8,791,584	0	0	5	127,713	0	92,531	220,244	2.505
1/23 through 12/23	9,901,585	0	0	2	34,051	0	36,422	70,473	0.712
5 YR. TOTAL	98,102,036	7	114,647	14	280,993	137,415	214,960	748,015	0.763
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.4033	15%	0.3592	0.763			
Pure Premium Indicated by National Relativity		44%	0.5431	42%	0.4940	1.037			
Pure Premium Present on Rate Level		45%	0.5261	43%	0.4089	0.935			
Pure Premium Derived by Formula		0.5201		0.4372		0.957			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 2916		VENEER PRODUCTS MFG-NO VENEER MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	43,761,414	0	0	5	33,023	0	61,090	94,113	0.215
1/20 through 12/20	50,183,735	1	25,185	14	142,902	25,141	229,634	422,862	0.843
1/21 through 12/21	62,467,382	3	104,809	10	464,377	103,368	328,159	1,000,713	1.602
1/22 through 12/22	67,899,972	1	116,155	5	33,241	34,228	38,516	222,140	0.327
1/23 through 12/23	73,726,113	2	382,659	6	183,916	151,636	153,910	872,121	1.183
5 YR. TOTAL	298,038,616	7	628,808	40	857,459	314,373	811,309	2,611,949	0.876
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		18%	0.4987	30%	0.3777	0.876			
Pure Premium Indicated by National Relativity		30%	0.6220	32%	0.5865	1.209			
Pure Premium Present on Rate Level		52%	0.5212	38%	0.5350	1.056			
Pure Premium Derived by Formula		0.5474		0.5043		1.052			

CLASS 2923		PIANO MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	3,634,683	0	0	0	0	0	2,858	2,858	0.079
1/20 through 12/20	3,995,263	0	0	1	1,877	0	832	2,709	0.068
1/21 through 12/21	3,788,764	0	0	0	0	0	3,863	3,863	0.102
1/22 through 12/22	4,201,347	0	0	0	0	0	1,552	1,552	0.037
1/23 through 12/23	3,888,891	0	0	0	0	0	691	691	0.018
5 YR. TOTAL	19,508,948	0	0	1	1,877	0	9,796	11,673	0.060
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.0096	5%	0.0502	0.060			
Pure Premium Indicated by National Relativity		16%	0.2425	17%	0.2491	0.492			
Pure Premium Present on Rate Level		81%	0.2618	78%	0.2484	0.510			
Pure Premium Derived by Formula		0.2511		0.2386		0.490			

CLASS 2960		WOOD PRESERVING & DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	7,696,698	0	0	1	3,831	0	5,164	8,995	0.117
1/20 through 12/20	10,111,458	0	0	1	10,622	0	53,814	64,436	0.637
1/21 through 12/21	13,310,302	1	6,835	6	159,366	0	91,577	257,778	1.937
1/22 through 12/22	12,819,456	0	0	2	33,217	0	21,020	54,237	0.423
1/23 through 12/23	12,552,893	0	0	0	0	0	11,496	11,496	0.092
5 YR. TOTAL	56,490,807	1	6,835	10	207,036	0	183,071	396,942	0.703
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.3786	14%	0.3241	0.703			
Pure Premium Indicated by National Relativity		36%	1.0056	39%	0.7398	1.745			
Pure Premium Present on Rate Level		54%	0.8204	47%	0.6170	1.437			
Pure Premium Derived by Formula		0.8429		0.6239		1.467			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3004		IRON OR STEEL: MANUFACTURING: STEEL MAKING-& DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	143,048,265	3	155,377	9	239,342	99,324	189,095	683,138	0.478
1/20 through 12/20	123,171,120	3	117,402	11	193,046	168,789	199,044	678,281	0.551
1/21 through 12/21	151,625,131	2	85,172	12	383,733	92,672	539,829	1,101,406	0.726
1/22 through 12/22	191,337,671	0	0	5	71,165	0	545,897	617,062	0.323
1/23 through 12/23	218,876,783	2	48,235	10	537,294	28,902	490,699	1,105,130	0.505
5 YR. TOTAL	828,058,970	10	406,186	47	1,424,580	389,687	1,964,564	4,185,017	0.505
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		22%	0.2211		35%	0.2843		0.505	
Pure Premium Indicated by National Relativity		39%	0.2030		32%	0.1605		0.364	
Pure Premium Present on Rate Level		39%	0.2618		33%	0.2576		0.519	
Pure Premium Derived by Formula		0.2299			0.2359			0.466	

CLASS 3018	IRON OR STEEL: MANUFACTURING: ROLLING MILL & DRIVERS								
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	800,304	0	0	1	3,821	0	1,886	5,707	0.713
1/20 through 12/20	343,569	0	0	0	0	0	3,884	3,884	1.131
1/21 through 12/21	691,482	0	0	1	601	0	5,010	5,611	0.811
1/22 through 12/22	1,603,952	0	0	1	5,693	0	4,530	10,223	0.637
1/23 through 12/23	1,730,441	0	0	1	10,542	0	7,701	18,243	1.054
5 YR. TOTAL	5,169,748	0	0	4	20,657	0	23,011	43,668	0.845
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		2%	0.3996		4%	0.4451		0.845	
Pure Premium Indicated by National Relativity		32%	0.3627		35%	0.3873		0.750	
Pure Premium Present on Rate Level		66%	0.4810		61%	0.5107		0.992	
Pure Premium Derived by Formula		0.4415			0.4649			0.906	

CLASS 3022	PIPE OR TUBE MFG NOC & DRIVERS								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	18,705,813	0	0	7	446,196	0	312,060	758,256	4.054
1/20 through 12/20	7,748,076	0	0	3	28,452	0	26,183	54,635	0.705
1/21 through 12/21	12,732,217	0	0	3	7,536	0	9,618	17,154	0.135
1/22 through 12/22	15,452,777	1	32,605	3	55,568	33,420	40,604	162,197	1.050
1/23 through 12/23	18,776,937	0	0	3	27,127	0	42,055	69,182	0.369
5 YR. TOTAL	73,415,820	1	32,605	19	564,879	33,420	430,520	1,061,424	1.446
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		10%	0.8138		16%	0.6319		1.446	
Pure Premium Indicated by National Relativity		39%	0.5463		42%	0.4645		1.011	
Pure Premium Present on Rate Level		51%	0.6819		42%	0.5929		1.275	
Pure Premium Derived by Formula		0.6422			0.5452			1.187	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3027		ROLLING MILL NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	146,472	0	0	0	0	0	236	236	0.161
1/20 through 12/20	214,184	0	0	0	0	0	0	0	0.000
1/21 through 12/21	419,792	0	0	0	0	0	527	527	0.126
1/22 through 12/22	771,158	0	0	0	0	0	0	0	0.000
1/23 through 12/23	2,607,608	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	4,159,214	0	0	0	0	0	763	763	0.018
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.0000	3%	0.0183	0.018			
Pure Premium Indicated by National Relativity		37%	0.4498	40%	0.2954	0.745			
Pure Premium Present on Rate Level		61%	0.4221	57%	0.3040	0.726			
Pure Premium Derived by Formula			0.4239		0.2920	0.716			

CLASS 3028		PIPE OR TUBE MFG-IRON OR STEEL-& DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	9,643,369	1	36,171	4	17,502	24,255	53,137	131,065	1.359
1/20 through 12/20	11,661,024	0	0	4	53,933	0	90,554	144,487	1.239
1/21 through 12/21	13,036,312	0	0	1	23,065	0	45,009	68,074	0.522
1/22 through 12/22	10,418,558	0	0	1	9,311	0	35,751	45,062	0.433
1/23 through 12/23	9,037,748	0	0	2	165,745	0	72,375	238,120	2.635
5 YR. TOTAL	53,797,011	1	36,171	12	269,556	24,255	296,826	626,808	1.165
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	0.5683	12%	0.5968	1.165			
Pure Premium Indicated by National Relativity		46%	0.5657	44%	0.4464	1.012			
Pure Premium Present on Rate Level		46%	0.5296	44%	0.5043	1.034			
Pure Premium Derived by Formula			0.5493		0.4899	1.039			

CLASS 3030		IRON OR STEEL: FABRICATION: IRON OR STEEL WORKS-SHOP-STRUCTURAL-& DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	83,543,882	1	26,665	26	525,263	9,842	498,599	1,060,369	1.269
1/20 through 12/20	81,488,588	1	76,601	23	521,154	117,898	572,530	1,288,183	1.581
1/21 through 12/21	88,816,953	2	73,007	18	557,355	34,295	351,595	1,016,252	1.144
1/22 through 12/22	101,186,852	1	75,151	19	499,881	116,682	334,844	1,026,558	1.015
1/23 through 12/23	115,892,793	4	110,223	14	155,292	86,335	298,159	650,009	0.561
5 YR. TOTAL	470,929,068	9	361,647	100	2,258,945	365,052	2,055,727	5,041,371	1.071
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		27%	0.5565	41%	0.5140	1.071			
Pure Premium Indicated by National Relativity		36%	0.7503	29%	0.6388	1.389			
Pure Premium Present on Rate Level		37%	0.7414	30%	0.6220	1.363			
Pure Premium Derived by Formula			0.6947		0.5826	1.277			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3040		IRON OR STEEL: FABRICATION: IRON WORKS-SHOP-ORNAMENTAL-& DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	55,147,453	3	485,072	10	78,353	196,712	101,304	861,441	1.562
1/20 through 12/20	40,819,467	3	155,539	9	77,408	80,046	99,949	412,942	1.012
1/21 through 12/21	54,335,877	0	0	13	141,659	0	284,822	426,481	0.785
1/22 through 12/22	76,197,582	2	25,172	11	217,667	84,254	167,147	494,240	0.649
1/23 through 12/23	80,342,764	2	343,754	8	775,287	70,467	220,800	1,410,308	1.755
5 YR. TOTAL	306,843,143	10	1,009,537	51	1,290,374	431,479	874,022	3,605,412	1.175
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		22%	0.7495		32%	0.4255		1.175	
Pure Premium Indicated by National Relativity		39%	0.7544		34%	0.6196		1.374	
Pure Premium Present on Rate Level		39%	0.7060		34%	0.5772		1.283	
Pure Premium Derived by Formula		0.7344			0.5431			1.278	

CLASS 3041	IRON OR STEEL: FABRICATION: IRON WORKS-SHOP-DECORATIVE OR ARTISTIC- & FOUNDRIES, DRIVERS								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,525,888	0	0	1	9,091	0	7,077	16,168	0.640
1/20 through 12/20	2,069,640	0	0	1	48,140	0	24,560	72,700	3.513
1/21 through 12/21	1,920,603	0	0	1	2,465	0	1,479	3,944	0.205
1/22 through 12/22	2,773,156	0	0	1	15,342	0	21,454	36,796	1.327
1/23 through 12/23	5,427,036	0	0	0	0	0	404	404	0.007
5 YR. TOTAL	14,716,323	0	0	4	75,038	0	54,974	130,012	0.884
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		4%	0.5099		6%	0.3736		0.884	
Pure Premium Indicated by National Relativity		17%	0.6893		19%	0.5041		1.193	
Pure Premium Present on Rate Level		79%	0.6298		75%	0.4783		1.108	
Pure Premium Derived by Formula		0.6351			0.4769			1.112	

CLASS 3042	ELEVATOR OR ESCALATOR MFG								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	5,773,102	0	0	1	11,123	0	19,750	30,873	0.535
1/20 through 12/20	5,014,947	0	0	1	14,451	0	3,451	17,902	0.357
1/21 through 12/21	5,025,116	0	0	0	0	0	9,031	9,031	0.180
1/22 through 12/22	4,590,253	0	0	0	0	0	0	0	0.000
1/23 through 12/23	5,890,189	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	26,293,607	0	0	2	25,574	0	32,232	57,806	0.220
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		5%	0.0973		8%	0.1226		0.220	
Pure Premium Indicated by National Relativity		19%	0.3271		21%	0.2800		0.607	
Pure Premium Present on Rate Level		76%	0.4780		71%	0.3827		0.861	
Pure Premium Derived by Formula		0.4303			0.3403			0.771	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3064		SIGN MFG-METAL							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	17,020,968	0	0	4	26,058	0	63,635	89,693	0.527
1/20 through 12/20	16,302,276	0	0	2	8,061	0	25,802	33,863	0.208
1/21 through 12/21	17,527,391	0	0	3	110,083	0	50,015	160,098	0.914
1/22 through 12/22	20,345,736	0	0	5	63,055	0	49,435	112,490	0.553
1/23 through 12/23	23,275,471	1	9,175	3	61,875	9,912	68,913	149,875	0.644
5 YR. TOTAL	94,471,842	1	9,175	17	269,132	9,912	257,800	546,019	0.578
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.2946	16%	0.2834	0.578			
Pure Premium Indicated by National Relativity		40%	0.5466	42%	0.5416	1.088			
Pure Premium Present on Rate Level		50%	0.5134	42%	0.4825	0.996			
Pure Premium Derived by Formula		0.5048		0.4755		0.980			

CLASS 3076		SHEET METAL PRODUCTS MFG.							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	452,903,763	7	244,978	100	1,542,809	144,093	1,337,989	3,269,869	0.722
1/20 through 12/20	396,419,284	6	123,437	78	1,172,530	41,994	1,014,673	2,352,634	0.594
1/21 through 12/21	538,248,584	14	681,050	74	1,298,360	469,491	1,164,335	3,613,236	0.671
1/22 through 12/22	576,523,496	12	716,477	94	1,553,568	329,647	1,526,870	4,126,562	0.716
1/23 through 12/23	563,530,661	9	509,201	74	1,838,366	316,270	1,602,034	4,265,871	0.757
5 YR. TOTAL	2,527,625,788	48	2,275,143	420	7,405,633	1,301,495	6,645,901	17,628,172	0.697
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		48%	0.3830	71%	0.3144	0.697			
Pure Premium Indicated by National Relativity		26%	0.5043	14%	0.4633	0.968			
Pure Premium Present on Rate Level		26%	0.4188	15%	0.3496	0.768			
Pure Premium Derived by Formula		0.4238		0.3405		0.764			

CLASS 3081		FOUNDRY-FERROUS-NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	54,653,418	2	11,406	12	188,715	5,364	183,153	388,638	0.711
1/20 through 12/20	56,218,993	2	4,371	5	44,101	758	36,038	85,268	0.152
1/21 through 12/21	48,142,057	0	0	6	129,570	0	129,073	258,643	0.537
1/22 through 12/22	64,532,721	1	141,797	7	204,392	14,137	189,509	549,835	0.852
1/23 through 12/23	73,456,371	1	23,346	3	77,242	23,270	66,055	189,913	0.259
5 YR. TOTAL	297,003,560	6	180,920	33	644,020	43,529	603,828	1,472,297	0.496
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	0.2778	29%	0.2180	0.496			
Pure Premium Indicated by National Relativity		40%	0.7814	35%	0.6706	1.452			
Pure Premium Present on Rate Level		40%	0.6212	36%	0.4799	1.101			
Pure Premium Derived by Formula		0.6166		0.4707		1.087			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3082		FOUNDRY-STEEL CASTINGS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	340,539	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,311	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	92,006	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	433,856	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.0000	1%	0.0000	0.000			
Pure Premium Indicated by National Relativity		28%	0.7057	30%	0.5929	1.299			
Pure Premium Present on Rate Level		71%	0.6772	69%	0.6290	1.306			
Pure Premium Derived by Formula		0.6784		0.6119		1.290			

CLASS 3085		FOUNDRY-NON-FERROUS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	20,954,852	1	5,488	6	60,247	0	56,504	122,239	0.583
1/20 through 12/20	18,105,386	2	3,876	5	82,398	17,156	104,093	207,523	1.146
1/21 through 12/21	26,056,710	0	0	6	92,783	0	495,737	588,520	2.259
1/22 through 12/22	20,934,405	0	0	4	24,307	0	146,444	170,751	0.816
1/23 through 12/23	14,844,132	1	26,106	4	195,719	88,167	59,334	369,326	2.488
5 YR. TOTAL	100,895,485	4	35,470	25	455,454	105,323	862,112	1,458,359	1.445
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	0.4866	22%	0.9588	1.445			
Pure Premium Indicated by National Relativity		43%	0.9673	39%	0.7280	1.695			
Pure Premium Present on Rate Level		44%	0.7500	39%	0.8534	1.603			
Pure Premium Derived by Formula		0.8092		0.8277		1.637			

CLASS 3110		FORGING WORK-DROP OR MACHINE							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	20,602,005	1	60,748	7	59,331	77,386	43,991	241,456	1.172
1/20 through 12/20	27,227,083	0	0	1	328	0	18,056	18,384	0.068
1/21 through 12/21	38,332,011	1	6,835	1	2,114	0	16,853	25,802	0.067
1/22 through 12/22	52,047,974	2	104,957	11	132,884	19,668	102,339	359,848	0.691
1/23 through 12/23	41,344,442	0	0	9	652,138	0	516,733	1,168,871	2.827
5 YR. TOTAL	179,553,515	4	172,540	29	846,795	97,054	697,972	1,814,361	1.011
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	0.5677	23%	0.4428	1.011			
Pure Premium Indicated by National Relativity		27%	0.6542	29%	0.5706	1.225			
Pure Premium Present on Rate Level		59%	0.5370	48%	0.4929	1.030			
Pure Premium Derived by Formula		0.5729		0.5039		1.077			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3111	BLACKSMITH								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	11,315,347	0	0	4	14,605	0	12,991	27,596	0.244
1/20 through 12/20	9,442,574	0	0	1	8,222	0	2,716	10,938	0.116
1/21 through 12/21	9,321,515	0	0	0	0	0	2,225	2,225	0.024
1/22 through 12/22	13,304,311	0	0	1	49,125	0	53,537	102,662	0.772
1/23 through 12/23	13,007,988	0	0	1	218	0	2,471	2,689	0.021
5 YR. TOTAL	56,391,735	0	0	7	72,170	0	73,940	146,110	0.259
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		7%	0.1280		12%	0.1311		0.259	
Pure Premium Indicated by National Relativity		26%	0.4677		28%	0.4679		0.936	
Pure Premium Present on Rate Level		67%	0.4037		60%	0.4450		0.849	
Pure Premium Derived by Formula			0.4010			0.4137		0.815	

CLASS 3113	TOOL MANUFACTURING-NOT DROP OR MACHINE FORGED-NOC								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	75,999,509	1	211,642	9	76,322	49,413	112,164	449,541	0.592
1/20 through 12/20	78,294,285	3	201,193	6	36,361	150,579	118,476	506,609	0.647
1/21 through 12/21	75,747,910	0	0	15	170,758	0	173,616	344,374	0.455
1/22 through 12/22	79,921,733	2	133,783	19	375,941	43,186	249,699	802,609	1.004
1/23 through 12/23	82,767,548	0	0	4	55,679	0	71,463	127,142	0.154
5 YR. TOTAL	392,730,985	6	546,618	53	715,061	243,178	725,418	2,230,275	0.568
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		16%	0.3213		24%	0.2466		0.568	
Pure Premium Indicated by National Relativity		42%	0.2747		38%	0.2478		0.523	
Pure Premium Present on Rate Level		42%	0.2978		38%	0.2532		0.551	
Pure Premium Derived by Formula			0.2919			0.2496		0.542	

CLASS 3114	TOOL MFG-DROP OR MACHINE FORGED-NOC: MACHINING OR FINISHING OF TOOLS OR DIE MAKING OPERATIONS								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	20,050,585	0	0	3	73,003	0	69,127	142,130	0.709
1/20 through 12/20	23,175,149	1	86,126	3	133,161	212,334	146,920	578,541	2.496
1/21 through 12/21	22,823,701	1	8,346	3	12,484	15,063	38,033	73,926	0.324
1/22 through 12/22	20,682,388	0	0	2	8,198	0	11,390	19,588	0.095
1/23 through 12/23	20,252,358	0	0	3	8,995	0	19,980	28,975	0.143
5 YR. TOTAL	106,984,181	2	94,472	14	235,841	227,397	285,450	843,160	0.788
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		9%	0.3087		15%	0.4794		0.788	
Pure Premium Indicated by National Relativity		24%	0.3205		26%	0.3149		0.635	
Pure Premium Present on Rate Level		67%	0.3785		59%	0.3740		0.753	
Pure Premium Derived by Formula			0.3583			0.3744		0.733	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3118	SAW MFG								
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	4,460,023	0	0	0	0	0	0	0	0.000
1/20 through 12/20	5,301,019	0	0	0	0	0	0	0	0.000
1/21 through 12/21	6,249,021	0	0	2	11,055	0	35,949	47,004	0.752
1/22 through 12/22	4,876,290	0	0	0	0	0	1,363	1,363	0.028
1/23 through 12/23	4,897,159	1	32,283	0	0	74,461	0	106,744	2.180
5 YR. TOTAL	25,783,512	1	32,283	2	11,055	74,461	37,312	155,111	0.602
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		4%	0.1681	6%		0.4335		0.602	
Pure Premium Indicated by National Relativity		18%	0.3254	19%		0.2558		0.581	
Pure Premium Present on Rate Level		78%	0.2968	75%		0.2725		0.569	
Pure Premium Derived by Formula			0.2968			0.2790		0.576	

CLASS 3119	NEEDLE MFG								
Industry Group: Manufacturing Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	12,388,526	0	0	0	0	0	0	0	0.000
1/20 through 12/20	11,497,674	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	23,886,200	0	0	0	0	0	0	0	0.000
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		2%	0.0000	4%		0.0000		0.000	
Pure Premium Indicated by National Relativity		6%	0.2575	7%		0.2059		0.463	
Pure Premium Present on Rate Level		92%	0.1150	89%		0.1044		0.219	
Pure Premium Derived by Formula			0.1213			0.1073		0.229	

CLASS 3122	CUTLERY MFG NOC								
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,649,560	0	0	0	0	0	508	508	0.019
1/20 through 12/20	3,826,563	0	0	1	41,313	0	4,591	45,904	1.200
1/21 through 12/21	3,764,155	0	0	1	769	0	13,549	14,318	0.380
1/22 through 12/22	8,618,275	0	0	1	12,844	0	11,134	23,978	0.278
1/23 through 12/23	8,604,730	0	0	0	0	0	5,013	5,013	0.058
5 YR. TOTAL	27,463,283	0	0	3	54,926	0	34,795	89,721	0.327
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		5%	0.2000	7%		0.1267		0.327	
Pure Premium Indicated by National Relativity		19%	0.2773	20%		0.2133		0.491	
Pure Premium Present on Rate Level		76%	0.3787	73%		0.3243		0.703	
Pure Premium Derived by Formula			0.3505			0.2883		0.639	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3126	TOOL MFG-AGRICULTURAL, CONSTRUCTION, LOGGING, MINING, OIL OR ARTESIAN WELL								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	16,491,807	0	0	1	15,124	0	24,423	39,547	0.240
1/20 through 12/20	16,845,434	1	108,816	0	0	67,947	2,954	179,717	1.067
1/21 through 12/21	14,709,240	1	9,286	0	0	7,122	3,964	20,372	0.139
1/22 through 12/22	13,744,438	0	0	2	91,702	0	77,397	169,099	1.230
1/23 through 12/23	15,043,354	1	56,000	0	0	65,643	4,659	126,302	0.840
5 YR. TOTAL	76,834,273	3	174,102	3	106,826	140,712	113,397	535,037	0.696
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.3656	10%	0.3307	0.696			
Pure Premium Indicated by National Relativity		34%	0.3618	37%	0.2847	0.647			
Pure Premium Present on Rate Level		59%	0.3005	53%	0.2495	0.550			
Pure Premium Derived by Formula			0.3259		0.2706	0.597			

CLASS 3131	BUTTON OR FASTENER MFG-METAL								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	20,042,266	0	0	2	22,729	0	33,669	56,398	0.281
1/20 through 12/20	18,967,422	0	0	4	125,821	0	87,759	213,580	1.126
1/21 through 12/21	20,469,677	0	0	2	34,318	0	33,266	67,584	0.330
1/22 through 12/22	20,659,982	0	0	3	225,784	0	73,426	299,210	1.448
1/23 through 12/23	20,783,159	0	0	0	0	0	8,703	8,703	0.042
5 YR. TOTAL	100,922,506	0	0	11	408,652	0	236,823	645,475	0.640
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.4049	12%	0.2347	0.640			
Pure Premium Indicated by National Relativity		16%	0.5005	17%	0.2286	0.729			
Pure Premium Present on Rate Level		77%	0.2416	71%	0.2391	0.481			
Pure Premium Derived by Formula			0.2945		0.2368	0.531			

CLASS 3132	NUT OR BOLT MFG								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	3,036,513	0	0	0	0	0	1,894	1,894	0.062
1/20 through 12/20	3,595,324	0	0	0	0	0	8,198	8,198	0.228
1/21 through 12/21	2,919,933	0	0	1	3,896	0	5,530	9,426	0.323
1/22 through 12/22	6,113,888	0	0	0	0	0	313	313	0.005
1/23 through 12/23	4,337,379	1	80,730	1	1,408	121,125	324	203,587	4.694
5 YR. TOTAL	20,003,037	1	80,730	2	5,304	121,125	16,259	223,418	1.117
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.4301	6%	0.6868	1.117			
Pure Premium Indicated by National Relativity		29%	0.3753	31%	0.3562	0.732			
Pure Premium Present on Rate Level		67%	0.3249	63%	0.3480	0.673			
Pure Premium Derived by Formula			0.3437		0.3709	0.715			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3145	SCREW MFG								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	4,157,794	0	0	0	0	0	0	0	0.000
1/20 through 12/20	2,766,534	0	0	0	0	0	0	0	0.000
1/21 through 12/21	2,344,174	0	0	0	0	0	0	0	0.000
1/22 through 12/22	2,480,644	0	0	0	0	0	1,715	1,715	0.069
1/23 through 12/23	3,911,125	0	0	0	0	0	9,560	9,560	0.244
5 YR. TOTAL	15,660,271	0	0	0	0	0	11,275	11,275	0.072
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.0000	5%	0.0720	0.072			
Pure Premium Indicated by National Relativity		35%	0.3445	37%	0.3237	0.668			
Pure Premium Present on Rate Level		62%	0.2959	58%	0.2781	0.574			
Pure Premium Derived by Formula		0.3040		0.2847		0.589			

CLASS 3146	HARDWARE MFG NOC								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	153,235,566	0	0	24	321,738	0	531,369	853,107	0.557
1/20 through 12/20	138,591,581	1	3,868	18	382,547	6,359	398,245	791,019	0.571
1/21 through 12/21	132,284,628	3	75,949	24	370,141	12,492	301,326	759,908	0.574
1/22 through 12/22	141,234,764	1	14,770	14	235,097	4,306	519,613	773,786	0.548
1/23 through 12/23	135,954,977	1	108,575	5	70,561	59,674	105,129	343,939	0.253
5 YR. TOTAL	701,301,516	6	203,162	85	1,380,084	82,831	1,855,682	3,521,759	0.502
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	0.2258	35%	0.2764	0.502			
Pure Premium Indicated by National Relativity		39%	0.3513	32%	0.3137	0.665			
Pure Premium Present on Rate Level		40%	0.2976	33%	0.3020	0.600			
Pure Premium Derived by Formula		0.3035		0.2968		0.600			

CLASS 3169	STOVE MFG								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	73,196,091	2	296,475	9	196,266	52,702	93,706	639,149	0.873
1/20 through 12/20	76,431,102	3	55,601	14	374,183	26,032	234,564	690,380	0.903
1/21 through 12/21	91,750,088	0	0	12	358,390	0	346,504	704,894	0.768
1/22 through 12/22	97,278,509	2	213,550	23	476,323	88,466	409,647	1,187,986	1.221
1/23 through 12/23	101,755,670	1	42,193	13	749,177	22,381	357,750	1,171,501	1.151
5 YR. TOTAL	440,411,460	8	607,819	71	2,154,339	189,581	1,442,171	4,393,910	0.998
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	0.6272	29%	0.3705	0.998			
Pure Premium Indicated by National Relativity		40%	0.3887	35%	0.3541	0.743			
Pure Premium Present on Rate Level		40%	0.4121	36%	0.3309	0.743			
Pure Premium Derived by Formula		0.4458		0.3505		0.796			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3179		ELECTRICAL APPARATUS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	469,986,311	6	258,155	57	1,309,815	118,195	944,680	2,630,845	0.560
1/20 through 12/20	491,572,796	8	339,366	63	1,409,855	146,352	928,594	2,824,167	0.575
1/21 through 12/21	479,662,792	9	395,252	44	1,101,639	134,034	558,305	2,189,230	0.456
1/22 through 12/22	554,792,764	7	346,069	54	915,739	184,087	724,024	2,169,919	0.391
1/23 through 12/23	572,172,719	10	646,391	39	970,017	229,302	972,946	2,818,656	0.493
5 YR. TOTAL	2,568,187,382	40	1,985,233	257	5,707,065	811,970	4,128,549	12,632,817	0.492
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		43%	0.2995	56%	0.1924	0.492			
Pure Premium Indicated by National Relativity		28%	0.3482	22%	0.2813	0.630			
Pure Premium Present on Rate Level		29%	0.3319	22%	0.2169	0.549			
Pure Premium Derived by Formula		0.3225		0.2173		0.540			

CLASS 3180		ELECTRIC OR GAS LIGHTING FIXTURES MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	30,384,626	0	0	1	1,711	0	10,814	12,525	0.041
1/20 through 12/20	26,676,194	0	0	2	113,756	0	30,807	144,563	0.542
1/21 through 12/21	24,963,074	2	121,852	0	0	23,314	18,694	163,860	0.656
1/22 through 12/22	23,661,743	1	42,699	1	6,645	45,786	11,312	106,442	0.450
1/23 through 12/23	22,833,885	0	0	4	97,317	0	152,224	249,541	1.093
5 YR. TOTAL	128,519,522	3	164,551	8	219,429	69,100	223,851	676,931	0.527
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.2988	15%	0.2279	0.527			
Pure Premium Indicated by National Relativity		30%	0.2791	33%	0.3207	0.600			
Pure Premium Present on Rate Level		60%	0.3374	52%	0.2873	0.625			
Pure Premium Derived by Formula		0.3161		0.2894		0.606			

CLASS 3188		PLUMBERS SUPPLIES MFG NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	65,732,505	1	21,548	3	12,445	15,156	27,639	76,788	0.117
1/20 through 12/20	72,968,956	4	73,842	3	23,770	44,348	42,463	184,423	0.253
1/21 through 12/21	57,934,812	0	0	4	79,607	0	42,041	121,648	0.210
1/22 through 12/22	66,613,807	0	0	1	17,672	0	14,306	31,978	0.048
1/23 through 12/23	60,652,667	1	68,775	4	34,023	8,219	51,629	162,646	0.268
5 YR. TOTAL	323,902,747	6	164,165	15	167,517	67,723	178,078	577,483	0.178
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	0.1024	20%	0.0759	0.178			
Pure Premium Indicated by National Relativity		34%	0.3169	37%	0.3123	0.629			
Pure Premium Present on Rate Level		53%	0.2584	43%	0.2116	0.470			
Pure Premium Derived by Formula		0.2580		0.2217		0.480			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3220	CAN MFG								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	23,314,426	0	0	1	11,123	0	7,985	19,108	0.082
1/20 through 12/20	25,111,551	0	0	0	0	0	1,816	1,816	0.007
1/21 through 12/21	31,111,701	1	41,003	4	108,635	0	79,960	229,598	0.738
1/22 through 12/22	32,642,001	1	19,693	4	163,634	4,443	50,850	238,620	0.731
1/23 through 12/23	33,275,031	0	0	1	57,877	0	35,812	93,689	0.282
5 YR. TOTAL	145,454,710	2	60,696	10	341,269	4,443	176,423	582,831	0.401
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.2764	14%	0.1243	0.401			
Pure Premium Indicated by National Relativity		31%	0.2819	33%	0.2233	0.505			
Pure Premium Present on Rate Level		58%	0.3529	53%	0.2428	0.596			
Pure Premium Derived by Formula		0.3225		0.2198		0.542			

CLASS 3224	ENAMEL WARE MFG.								
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	375	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	233,200	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	233,575	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.0000	1%	0.0000	0.000			
Pure Premium Indicated by National Relativity		6%	0.3713	6%	0.2070	0.578			
Pure Premium Present on Rate Level		93%	0.5727	93%	0.4311	1.004			
Pure Premium Derived by Formula		0.5549		0.4133		0.968			

CLASS 3227	ALUMINUM WARE MFG								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	7,307,372	1	99,612	7	141,763	73,667	70,224	385,266	5.272
1/20 through 12/20	5,581,729	1	103,338	5	107,280	0	153,273	363,891	6.519
1/21 through 12/21	5,232,914	0	0	2	73,148	0	52,725	125,873	2.405
1/22 through 12/22	6,091,028	0	0	3	42,691	0	47,941	90,632	1.488
1/23 through 12/23	11,493,163	0	0	4	102,611	0	49,271	151,882	1.322
5 YR. TOTAL	35,706,206	2	202,950	21	467,493	73,667	373,434	1,117,544	3.130
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	1.8777	10%	1.2522	3.130			
Pure Premium Indicated by National Relativity		46%	0.4691	45%	0.3567	0.826			
Pure Premium Present on Rate Level		47%	0.6124	45%	0.5357	1.148			
Pure Premium Derived by Formula		0.6351		0.5268		1.162			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3241	WIRE DRAWING-IRON OR STEEL								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	4,646,808	0	0	2	14,265	0	14,617	28,882	0.622
1/20 through 12/20	4,024,974	0	0	0	0	0	169	169	0.004
1/21 through 12/21	4,142,804	0	0	0	0	0	2,449	2,449	0.059
1/22 through 12/22	5,409,643	0	0	2	20,174	0	7,767	27,941	0.517
1/23 through 12/23	5,772,267	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	23,996,496	0	0	4	34,439	0	25,002	59,441	0.248
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		6%	0.1435	8%		0.1042		0.248	
Pure Premium Indicated by National Relativity		38%	0.6019	41%		0.5065		1.108	
Pure Premium Present on Rate Level		56%	0.5909	51%		0.4646		1.056	
Pure Premium Derived by Formula			0.5682			0.4529		1.021	

CLASS 3255	WIRE CLOTH MFG								
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	946,261	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,039,998	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,321,852	0	0	0	0	0	0	0	0.000
1/22 through 12/22	386,583	0	0	0	0	0	571	571	0.148
1/23 through 12/23	556,232	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	4,250,926	0	0	0	0	0	571	571	0.013
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		2%	0.0000	3%		0.0134		0.013	
Pure Premium Indicated by National Relativity		9%	0.6185	10%		0.2848		0.903	
Pure Premium Present on Rate Level		89%	0.4350	87%		0.3401		0.775	
Pure Premium Derived by Formula			0.4428			0.3248		0.768	

CLASS 3257	WIRE GOODS MFG NOC								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	71,360,607	4	259,123	22	621,166	245,621	414,065	1,539,975	2.158
1/20 through 12/20	84,980,505	2	209,135	18	299,365	121,454	352,271	982,225	1.156
1/21 through 12/21	91,781,755	1	5,269	26	341,387	78,926	422,606	848,188	0.924
1/22 through 12/22	105,611,760	2	100,983	17	262,732	64,703	241,162	669,580	0.634
1/23 through 12/23	106,936,625	3	34,390	25	282,575	37,580	243,172	597,717	0.559
5 YR. TOTAL	460,671,252	12	608,900	108	1,807,225	548,284	1,673,276	4,637,685	1.007
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		22%	0.5245	36%		0.4822		1.007	
Pure Premium Indicated by National Relativity		39%	0.4908	32%		0.4228		0.914	
Pure Premium Present on Rate Level		39%	0.5106	32%		0.4845		0.995	
Pure Premium Derived by Formula			0.5059			0.4639		0.970	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3270		EYELET MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	469,349	0	0	0	0	0	0	0	0.000
1/20 through 12/20	395,465	0	0	0	0	0	0	0	0.000
1/21 through 12/21	420,761	0	0	0	0	0	0	0	0.000
1/22 through 12/22	1,099,271	0	0	0	0	0	0	0	0.000
1/23 through 12/23	1,326,230	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	3,711,076	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.0000	3%	0.0000	0.000			
Pure Premium Indicated by National Relativity		20%	0.3135	21%	0.1930	0.507			
Pure Premium Present on Rate Level		78%	0.3336	76%	0.3132	0.647			
Pure Premium Derived by Formula		0.3229		0.2786		0.602			

CLASS 3300		BED SPRING OR WIRE MATTRESS MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	20,649,077	1	13,711	6	44,586	1,588	69,593	129,478	0.627
1/20 through 12/20	23,506,897	0	0	7	93,644	0	114,241	207,885	0.884
1/21 through 12/21	22,200,084	2	212,865	8	179,971	210,345	150,564	753,745	3.395
1/22 through 12/22	22,887,290	2	86,398	7	147,521	59,364	173,103	466,386	2.038
1/23 through 12/23	19,428,470	1	31,058	0	0	47,515	13,285	91,858	0.473
5 YR. TOTAL	108,671,818	6	344,032	28	465,722	318,812	520,786	1,649,352	1.518
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.7451	20%	0.7726	1.518			
Pure Premium Indicated by National Relativity		33%	0.4716	35%	0.4601	0.932			
Pure Premium Present on Rate Level		55%	0.6254	45%	0.6222	1.248			
Pure Premium Derived by Formula		0.5890		0.5955		1.185			

CLASS 3303		SPRING MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	2,319	0	0	0	0	0	0	0	0.000
1/20 through 12/20	214,433	0	0	0	0	0	0	0	0.000
1/21 through 12/21	576,184	0	0	0	0	0	0	0	0.000
1/22 through 12/22	4,092,188	0	0	0	0	0	46	46	0.001
1/23 through 12/23	6,701,248	0	0	0	0	0	1,959	1,959	0.029
5 YR. TOTAL	11,586,372	0	0	0	0	0	2,005	2,005	0.017
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.0000	5%	0.0173	0.017			
Pure Premium Indicated by National Relativity		29%	0.5377	32%	0.4738	1.012			
Pure Premium Present on Rate Level		68%	0.4384	63%	0.4201	0.859			
Pure Premium Derived by Formula		0.4540		0.4171		0.871			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3307		HEAT-TREATING-METAL							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	5,325,315	0	0	0	0	0	8,565	8,565	0.161
1/20 through 12/20	4,665,978	0	0	2	111,936	0	65,328	177,264	3.799
1/21 through 12/21	5,768,698	0	0	1	7,210	0	1,838	9,048	0.157
1/22 through 12/22	5,882,231	0	0	0	0	0	1,509	1,509	0.026
1/23 through 12/23	6,452,647	0	0	2	18,752	0	26,262	45,014	0.698
5 YR. TOTAL	28,094,869	0	0	5	137,898	0	103,502	241,400	0.859
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.4908	8%	0.3684	0.859			
Pure Premium Indicated by National Relativity		27%	0.4710	29%	0.4675	0.939			
Pure Premium Present on Rate Level		68%	0.4164	63%	0.3631	0.780			
Pure Premium Derived by Formula		0.4349		0.3938		0.829			

CLASS 3315		BRASS OR COPPER GOODS MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	15,570,641	0	0	5	104,240	0	90,012	194,252	1.248
1/20 through 12/20	18,033,711	1	3,432	7	124,429	16,460	125,479	269,800	1.496
1/21 through 12/21	18,590,407	0	0	6	15,524	0	24,219	39,743	0.214
1/22 through 12/22	22,627,806	0	0	5	122,324	0	71,401	193,725	0.856
1/23 through 12/23	23,264,444	0	0	2	25,139	0	48,578	73,717	0.317
5 YR. TOTAL	98,087,009	1	3,432	25	391,656	16,460	359,689	771,237	0.786
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.4028	16%	0.3835	0.786			
Pure Premium Indicated by National Relativity		20%	0.7291	22%	0.4835	1.213			
Pure Premium Present on Rate Level		69%	0.5405	62%	0.4719	1.012			
Pure Premium Derived by Formula		0.5631		0.4603		1.023			

CLASS 3334		TIN FOIL MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	8,181,688	1	109,726	1	12,178	10,240	32,993	165,137	2.018
1/20 through 12/20	13,142,540	0	0	6	66,080	0	59,688	125,768	0.957
1/21 through 12/21	16,352,915	0	0	9	570,456	0	202,118	772,574	4.724
1/22 through 12/22	13,124,051	0	0	2	23,108	0	29,168	52,276	0.398
1/23 through 12/23	12,848,967	0	0	3	111,012	0	97,110	208,122	1.620
5 YR. TOTAL	63,650,161	1	109,726	21	782,834	10,240	421,077	1,323,877	2.080
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	1.4023	12%	0.6776	2.080			
Pure Premium Indicated by National Relativity		14%	0.2678	14%	0.1887	0.457			
Pure Premium Present on Rate Level		75%	0.8780	74%	0.4262	1.304			
Pure Premium Derived by Formula		0.8502		0.4231		1.273			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3336		TYPE FOUNDRY							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	503,613	0	0	0	0	0	0	0	0.000
1/20 through 12/20	516,282	0	0	0	0	0	107	107	0.021
1/21 through 12/21	507,509	0	0	0	0	0	181	181	0.036
1/22 through 12/22	481,786	0	0	0	0	0	0	0	0.000
1/23 through 12/23	475,854	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	2,485,044	0	0	0	0	0	288	288	0.012
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.0000	2%	0.0116	0.012			
Pure Premium Indicated by National Relativity		27%	0.2524	29%	0.2455	0.498			
Pure Premium Present on Rate Level		72%	0.4101	69%	0.3348	0.745			
Pure Premium Derived by Formula		0.3634		0.3024		0.666			

CLASS 3365		WELDING OR CUTTING NOC & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	36,583,079	1	65,242	15	545,180	53,201	236,749	900,372	2.461
1/20 through 12/20	35,646,972	2	151,427	14	176,511	89,962	202,958	620,858	1.742
1/21 through 12/21	44,304,407	3	377,470	11	259,550	122,986	388,678	1,148,684	2.593
1/22 through 12/22	55,133,316	3	150,245	10	493,019	142,276	581,059	1,366,599	2.479
1/23 through 12/23	58,782,050	1	35,738	8	357,181	14,319	342,679	749,917	1.276
5 YR. TOTAL	230,449,824	10	780,122	58	1,831,441	422,744	1,752,123	4,786,430	2.077
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		24%	1.1332	33%	0.9437	2.077			
Pure Premium Indicated by National Relativity		38%	0.9987	33%	0.6986	1.697			
Pure Premium Present on Rate Level		38%	1.1238	34%	0.8197	1.944			
Pure Premium Derived by Formula		1.0785		0.8207		1.899			

CLASS 3372		ELECTROPLATING							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	24,131,410	1	116,463	1	5,281	19,425	31,039	172,208	0.714
1/20 through 12/20	22,500,221	1	62,144	7	27,935	64,837	44,710	199,626	0.887
1/21 through 12/21	28,515,924	2	139,247	6	39,553	134,354	38,294	351,448	1.232
1/22 through 12/22	31,047,401	0	0	3	101,358	0	114,996	216,354	0.697
1/23 through 12/23	30,827,684	1	66,580	2	7,035	34,602	110,003	218,220	0.708
5 YR. TOTAL	137,022,640	5	384,434	19	181,162	253,218	339,042	1,157,856	0.845
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.4128	18%	0.4322	0.845			
Pure Premium Indicated by National Relativity		44%	0.5085	41%	0.4481	0.957			
Pure Premium Present on Rate Level		44%	0.4843	41%	0.4027	0.887			
Pure Premium Derived by Formula		0.4864		0.4266		0.913			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3373		GALVANIZING OR TINNING-NOT ELECTROLYTIC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	7,614,901	0	0	1	15,427	0	16,430	31,857	0.418
1/20 through 12/20	5,977,304	0	0	1	32,888	0	14,954	47,842	0.800
1/21 through 12/21	11,438,850	1	23,979	4	57,425	15,326	72,209	168,939	1.477
1/22 through 12/22	11,040,957	1	96,713	3	121,837	79,285	95,010	392,845	3.558
1/23 through 12/23	11,148,499	1	239,951	1	13,047	242,206	12,094	507,298	4.550
5 YR. TOTAL	47,220,511	3	360,643	10	240,624	336,817	210,697	1,148,781	2.433
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	1.2733	12%	1.1595	2.433			
Pure Premium Indicated by National Relativity		31%	0.8371	33%	0.6372	1.474			
Pure Premium Present on Rate Level		61%	0.7013	55%	0.5719	1.273			
Pure Premium Derived by Formula		0.7892		0.6640		1.453			

CLASS 3383		JEWELRY MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	5,629,430	0	0	0	0	0	247	247	0.004
1/20 through 12/20	3,873,248	0	0	0	0	0	483	483	0.013
1/21 through 12/21	5,134,423	0	0	0	0	0	648	648	0.013
1/22 through 12/22	4,649,512	0	0	0	0	0	0	0	0.000
1/23 through 12/23	5,771,527	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	25,058,140	0	0	0	0	0	1,378	1,378	0.006
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.0000	5%	0.0055	0.006			
Pure Premium Indicated by National Relativity		29%	0.3253	31%	0.2372	0.563			
Pure Premium Present on Rate Level		67%	0.2495	64%	0.2061	0.456			
Pure Premium Derived by Formula		0.2615		0.2057		0.467			

CLASS 3385		WATCH MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,456,372	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,954,328	1	11,841	0	0	12,990	214	25,045	1.282
1/21 through 12/21	1,873,925	0	0	0	0	0	0	0	0.000
1/22 through 12/22	1,350,748	0	0	0	0	0	0	0	0.000
1/23 through 12/23	1,329,961	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	7,965,334	1	11,841	0	0	12,990	214	25,045	0.315
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.1487	3%	0.1658	0.315			
Pure Premium Indicated by National Relativity		5%	0.1654	5%	0.0984	0.264			
Pure Premium Present on Rate Level		93%	0.1664	92%	0.1814	0.348			
Pure Premium Derived by Formula		0.1660		0.1768		0.343			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3400		METAL STAMPED GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	213,209,973	3	85,876	29	337,812	105,933	412,693	942,314	0.442
1/20 through 12/20	137,248,056	3	18,348	34	957,645	54,094	702,129	1,732,216	1.262
1/21 through 12/21	128,850,977	2	180,724	27	290,473	119,373	336,874	927,444	0.720
1/22 through 12/22	148,194,203	4	191,749	35	667,841	55,216	1,262,986	2,177,792	1.470
1/23 through 12/23	197,156,986	8	227,417	33	730,527	96,460	975,022	2,029,426	1.029
5 YR. TOTAL	824,660,195	20	704,114	158	2,984,298	431,076	3,689,704	7,809,192	0.947
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		29%	0.4473	47%	0.4997	0.947			
Pure Premium Indicated by National Relativity		35%	0.5227	26%	0.4612	0.984			
Pure Premium Present on Rate Level		36%	0.4742	27%	0.4618	0.936			
Pure Premium Derived by Formula		0.4834		0.4795		0.963			

CLASS 3507		CONSTRUCTION OR AGRICULTURAL MACHINERY MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	268,951,582	6	280,996	40	1,003,852	183,935	748,623	2,217,406	0.824
1/20 through 12/20	307,179,445	5	219,109	50	1,170,480	83,514	812,160	2,285,263	0.744
1/21 through 12/21	342,680,374	5	198,779	56	814,260	71,419	535,429	1,619,887	0.473
1/22 through 12/22	359,599,255	4	252,313	44	711,052	51,091	608,455	1,622,911	0.451
1/23 through 12/23	343,383,231	3	142,847	34	1,086,507	84,809	850,774	2,164,937	0.631
5 YR. TOTAL	1,621,793,887	23	1,094,044	224	4,786,151	474,768	3,555,441	9,910,404	0.611
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		37%	0.3626	52%	0.2485	0.611			
Pure Premium Indicated by National Relativity		31%	0.5142	24%	0.4193	0.934			
Pure Premium Present on Rate Level		32%	0.3886	24%	0.2874	0.676			
Pure Premium Derived by Formula		0.4179		0.2988		0.717			

CLASS 3515		TEXTILE MACHINERY MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	18,003,758	0	0	2	14,209	0	23,204	37,413	0.208
1/20 through 12/20	16,139,444	0	0	2	14,713	0	26,681	41,394	0.257
1/21 through 12/21	17,546,323	1	30,766	3	38,076	95,758	62,327	226,927	1.293
1/22 through 12/22	17,337,000	0	0	3	86,837	0	39,086	125,923	0.726
1/23 through 12/23	15,834,388	0	0	1	685	0	639	1,324	0.008
5 YR. TOTAL	84,860,913	1	30,766	11	154,520	95,758	151,937	432,981	0.510
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.2183	11%	0.2919	0.510			
Pure Premium Indicated by National Relativity		9%	0.3512	9%	0.4178	0.769			
Pure Premium Present on Rate Level		84%	0.2592	80%	0.2575	0.517			
Pure Premium Derived by Formula		0.2646		0.2757		0.540			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3548		PRINTING OR BOOKBINDING MACHINE MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,032,098	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,182,813	0	0	0	0	0	971	971	0.082
1/21 through 12/21	5,061,541	0	0	3	21,961	0	34,569	56,530	1.117
1/22 through 12/22	5,101,384	0	0	0	0	0	950	950	0.019
1/23 through 12/23	5,500,665	0	0	1	7,216	0	10,687	17,903	0.326
5 YR. TOTAL	17,878,501	0	0	4	29,177	0	47,177	76,354	0.427
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.1632	5%	0.2639	0.427			
Pure Premium Indicated by National Relativity		17%	0.3359	18%	0.2000	0.536			
Pure Premium Present on Rate Level		80%	0.2461	77%	0.2307	0.477			
Pure Premium Derived by Formula		0.2589		0.2268		0.486			

CLASS 3559		CONFECTION MACHINE MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,390,241	0	0	0	0	0	0	0	0.000
1/20 through 12/20	3,722,085	0	0	0	0	0	0	0	0.000
1/21 through 12/21	4,332,500	0	0	0	0	0	3,943	3,943	0.091
1/22 through 12/22	4,084,987	0	0	0	0	0	0	0	0.000
1/23 through 12/23	5,309,779	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	18,839,592	0	0	0	0	0	3,943	3,943	0.021
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.0000	5%	0.0209	0.021			
Pure Premium Indicated by National Relativity		19%	0.4251	20%	0.3219	0.747			
Pure Premium Present on Rate Level		77%	0.3212	75%	0.2711	0.592			
Pure Premium Derived by Formula		0.3281		0.2688		0.597			

CLASS 3574		COMPUTING, RECORDING OR OFFICE MACHINE MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	134,708,249	0	0	8	127,970	0	125,606	253,576	0.188
1/20 through 12/20	163,485,555	1	26,701	15	385,978	10,839	235,160	658,678	0.403
1/21 through 12/21	197,263,443	1	6,174	14	283,752	599	193,509	484,034	0.245
1/22 through 12/22	190,595,139	0	0	9	131,336	0	130,105	261,441	0.137
1/23 through 12/23	206,966,921	3	63,570	13	382,467	19,607	222,428	688,072	0.332
5 YR. TOTAL	893,019,307	5	96,445	59	1,311,503	31,045	906,808	2,345,801	0.263
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		18%	0.1577	26%	0.1050	0.263			
Pure Premium Indicated by National Relativity		41%	0.1758	37%	0.1642	0.340			
Pure Premium Present on Rate Level		41%	0.1622	37%	0.1343	0.297			
Pure Premium Derived by Formula		0.1670		0.1377		0.305			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3581		FUEL INJECTION DEVICE MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	17,519,964	0	0	0	0	0	1,265	1,265	0.007
1/20 through 12/20	18,727,653	0	0	3	14,026	0	3,318	17,344	0.093
1/21 through 12/21	19,530,378	0	0	0	0	0	1,973	1,973	0.010
1/22 through 12/22	21,024,776	0	0	1	7,846	0	14,039	21,885	0.104
1/23 through 12/23	28,876,627	1	25,199	2	21,457	22,561	8,651	77,868	0.270
5 YR. TOTAL	105,679,398	1	25,199	6	43,329	22,561	29,246	120,335	0.114
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.0648	9%	0.0490	0.114			
Pure Premium Indicated by National Relativity		23%	0.2140	25%	0.1373	0.351			
Pure Premium Present on Rate Level		71%	0.1791	66%	0.1425	0.322			
Pure Premium Derived by Formula			0.1803		0.1328	0.313			

CLASS 3612		PUMP MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	159,905,141	1	85,473	12	294,618	40,747	202,197	623,035	0.390
1/20 through 12/20	183,147,077	1	146,976	14	440,366	25,976	291,868	905,186	0.494
1/21 through 12/21	125,985,902	1	7,494	16	141,451	9,835	143,324	302,104	0.240
1/22 through 12/22	149,035,944	2	214,884	22	588,049	206,777	338,561	1,348,271	0.905
1/23 through 12/23	148,862,698	5	397,098	17	687,220	367,155	403,208	1,854,681	1.246
5 YR. TOTAL	766,936,762	10	851,925	81	2,151,704	650,490	1,379,158	5,033,277	0.656
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		22%	0.3916	32%	0.2646	0.656			
Pure Premium Indicated by National Relativity		39%	0.3183	34%	0.2745	0.593			
Pure Premium Present on Rate Level		39%	0.2903	34%	0.2326	0.523			
Pure Premium Derived by Formula			0.3235		0.2571	0.581			

CLASS 3620		BOILERMAKING							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	30,583,606	1	14,462	7	20,858	12,225	46,601	94,146	0.308
1/20 through 12/20	31,747,282	1	191,337	6	29,386	49,597	100,918	371,238	1.169
1/21 through 12/21	30,396,210	0	0	9	119,404	0	79,199	198,603	0.653
1/22 through 12/22	36,817,958	2	108,310	10	427,559	130,073	368,429	1,034,371	2.810
1/23 through 12/23	37,057,993	1	102,079	11	302,829	126,886	226,529	758,323	2.046
5 YR. TOTAL	166,603,049	5	416,188	43	900,036	318,781	821,676	2,456,681	1.475
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	0.7900	21%	0.6845	1.475			
Pure Premium Indicated by National Relativity		43%	0.4087	39%	0.3254	0.734			
Pure Premium Present on Rate Level		44%	0.4407	40%	0.4507	0.891			
Pure Premium Derived by Formula			0.4723		0.4509	0.923			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3629		MACHINED PARTS MFG. NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	189,811,444	2	13,519	23	369,236	7,719	212,805	603,279	0.318
1/20 through 12/20	159,036,683	0	0	12	122,924	0	133,985	256,909	0.162
1/21 through 12/21	212,316,942	5	141,864	28	729,292	56,550	522,707	1,450,413	0.683
1/22 through 12/22	193,497,583	5	72,254	15	271,084	87,652	312,847	743,837	0.384
1/23 through 12/23	220,648,666	2	188,148	17	345,959	369,175	364,737	1,268,019	0.575
5 YR. TOTAL	975,311,318	14	415,785	95	1,838,495	521,096	1,547,081	4,322,457	0.443
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	0.2311	33%	0.2121	0.443			
Pure Premium Indicated by National Relativity		38%	0.2636	33%	0.2351	0.499			
Pure Premium Present on Rate Level		39%	0.2491	34%	0.1955	0.445			
Pure Premium Derived by Formula		0.2505		0.2140		0.465			

CLASS 3632		MACHINE SHOP NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	799,250,132	11	539,104	123	2,811,030	432,774	2,142,295	5,925,203	0.741
1/20 through 12/20	847,038,724	18	1,225,917	108	1,990,012	1,036,047	1,889,597	6,141,573	0.725
1/21 through 12/21	906,259,211	9	699,811	106	2,076,074	209,105	2,187,540	5,172,530	0.571
1/22 through 12/22	938,265,129	14	645,182	121	2,482,806	543,301	2,151,087	5,822,376	0.621
1/23 through 12/23	976,327,942	10	1,082,984	90	2,060,894	456,974	2,619,392	6,220,244	0.637
5 YR. TOTAL	4,467,141,138	62	4,192,998	548	11,420,816	2,678,201	10,989,911	29,281,926	0.656
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		59%	0.3495	87%	0.3060	0.656			
Pure Premium Indicated by National Relativity		20%	0.4071	6%	0.3394	0.747			
Pure Premium Present on Rate Level		21%	0.3584	7%	0.2931	0.652			
Pure Premium Derived by Formula		0.3629		0.3071		0.670			

CLASS 3634		VALVE MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	79,622,849	2	80,023	10	290,409	102,638	191,131	664,201	0.834
1/20 through 12/20	69,113,747	1	40,850	9	156,809	15,954	158,026	371,639	0.538
1/21 through 12/21	66,889,857	1	4,556	8	50,080	0	102,222	156,858	0.235
1/22 through 12/22	64,722,715	2	81,405	11	205,986	58,365	148,953	494,709	0.764
1/23 through 12/23	87,123,212	4	255,827	7	94,901	89,336	124,233	564,297	0.648
5 YR. TOTAL	367,472,380	10	462,661	45	798,185	266,293	724,565	2,251,704	0.613
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	0.3431	22%	0.2696	0.613			
Pure Premium Indicated by National Relativity		42%	0.3234	39%	0.2634	0.587			
Pure Premium Present on Rate Level		43%	0.2686	39%	0.2294	0.498			
Pure Premium Derived by Formula		0.3028		0.2515		0.554			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3635		GEAR MFG OR GRINDING							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	39,263,528	1	32,322	7	74,017	21,816	77,498	205,653	0.524
1/20 through 12/20	10,493,386	0	0	0	0	0	1,080	1,080	0.010
1/21 through 12/21	9,256,727	0	0	1	37,534	0	13,705	51,239	0.554
1/22 through 12/22	9,188,158	0	0	1	64,447	0	36,673	101,120	1.101
1/23 through 12/23	10,576,551	0	0	0	0	0	7,563	7,563	0.072
5 YR. TOTAL	78,778,350	1	32,322	9	175,998	21,816	136,519	366,655	0.465
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		6%	0.2644	10%	0.2010			0.465	
Pure Premium Indicated by National Relativity		34%	0.3202	36%	0.3205			0.641	
Pure Premium Present on Rate Level		60%	0.2473	54%	0.2084			0.456	
Pure Premium Derived by Formula		0.2731			0.2480			0.521	

CLASS 3638	BALL OR ROLLER BEARING MFG								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	77,730,620	3	214,828	7	80,899	238,355	63,370	597,452	0.769
1/20 through 12/20	67,732,954	0	0	11	467,881	0	294,703	762,584	1.126
1/21 through 12/21	72,403,993	0	0	20	306,112	0	294,638	600,750	0.830
1/22 through 12/22	73,385,831	0	0	11	301,961	0	226,978	528,939	0.721
1/23 through 12/23	99,874,119	1	26,634	9	277,620	15,246	194,463	513,963	0.515
5 YR. TOTAL	391,127,517	4	241,462	58	1,434,473	253,601	1,074,152	3,003,688	0.768
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		16%	0.4285		25%	0.3395		0.768	
Pure Premium Indicated by National Relativity		41%	0.3323		37%	0.2555		0.588	
Pure Premium Present on Rate Level		43%	0.3000		38%	0.2802		0.580	
Pure Premium Derived by Formula		0.3338			0.2859			0.620	

CLASS 3642	BATTERY MFG-DRY								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	37,953,933	0	0	2	56,889	0	58,649	115,538	0.304
1/20 through 12/20	38,367,948	0	0	3	15,632	0	49,100	64,732	0.169
1/21 through 12/21	39,112,538	1	20,107	9	67,097	40,954	81,452	209,610	0.536
1/22 through 12/22	35,085,401	2	18,925	4	34,745	30,155	77,683	161,508	0.460
1/23 through 12/23	75,700,127	0	0	3	40,137	0	26,035	66,172	0.087
5 YR. TOTAL	226,219,947	3	39,032	21	214,500	71,109	292,919	617,560	0.273
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		11%	0.1121		17%	0.1609		0.273	
Pure Premium Indicated by National Relativity		15%	0.1566		17%	0.1353		0.292	
Pure Premium Present on Rate Level		74%	0.2303		66%	0.2215		0.452	
Pure Premium Derived by Formula		0.2062			0.1965			0.403	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3643		ELECTRIC POWER OR TRANSMISSION EQUIPMENT MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	312,956,054	6	672,944	38	1,014,526	231,281	713,475	2,632,226	0.841
1/20 through 12/20	310,824,412	4	449,546	21	646,129	115,053	498,402	1,709,130	0.550
1/21 through 12/21	353,739,075	2	211,663	24	351,536	30,377	402,620	996,196	0.282
1/22 through 12/22	379,131,347	4	120,279	24	857,931	141,549	517,034	1,636,793	0.432
1/23 through 12/23	412,851,732	1	122,899	30	1,031,645	17,969	869,161	2,041,674	0.495
5 YR. TOTAL	1,769,502,620	17	1,577,331	137	3,901,767	536,229	3,000,692	9,016,019	0.510
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		34%	0.3096	48%	0.1999	0.510			
Pure Premium Indicated by National Relativity		33%	0.3295	26%	0.3094	0.639			
Pure Premium Present on Rate Level		33%	0.3117	26%	0.2259	0.538			
Pure Premium Derived by Formula		0.3169		0.2351		0.552			

CLASS 3647		BATTERY MFG-STORAGE							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	37,243,345	1	8,710	6	435,278	3,086	150,672	597,746	1.605
1/20 through 12/20	35,188,978	0	0	2	5,275	0	14,909	20,184	0.057
1/21 through 12/21	40,254,691	0	0	4	68,944	0	62,533	131,477	0.327
1/22 through 12/22	46,520,483	1	64,496	4	214,133	0	50,181	328,810	0.707
1/23 through 12/23	36,560,015	0	0	1	16,973	0	4,776	21,749	0.060
5 YR. TOTAL	195,767,512	2	73,206	17	740,603	3,086	283,071	1,099,966	0.562
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	0.4157	19%	0.1462	0.562			
Pure Premium Indicated by National Relativity		42%	0.5530	40%	0.3259	0.879			
Pure Premium Present on Rate Level		43%	0.5149	41%	0.3113	0.826			
Pure Premium Derived by Formula		0.5160		0.2858		0.802			

CLASS 3648		AUTOMOTIVE LIGHTING, IGNITION OR STARTING APPARATUS MFG NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	38,778,543	0	0	4	103,644	0	57,779	161,423	0.416
1/20 through 12/20	28,000,688	0	0	5	66,809	0	42,361	109,170	0.390
1/21 through 12/21	49,320,650	0	0	5	151,331	0	136,619	287,950	0.584
1/22 through 12/22	50,845,046	2	115,151	2	11,248	34,675	22,496	183,570	0.361
1/23 through 12/23	53,294,158	0	0	5	125,010	0	107,732	232,742	0.437
5 YR. TOTAL	220,239,085	2	115,151	21	458,042	34,675	366,987	974,855	0.443
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.2603	14%	0.1824	0.443			
Pure Premium Indicated by National Relativity		39%	0.2416	42%	0.1977	0.439			
Pure Premium Present on Rate Level		51%	0.1945	44%	0.1623	0.357			
Pure Premium Derived by Formula		0.2194		0.1800		0.399			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3681		TELEVISION, RADIO, TELEPHONE OR TELECOMMUNICATION DEVICE MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	279,392,608	2	383,829	16	248,875	245,378	164,808	1,042,890	0.373
1/20 through 12/20	283,665,543	6	197,137	18	372,054	100,118	380,706	1,050,015	0.370
1/21 through 12/21	362,342,826	0	0	17	206,164	0	218,175	424,339	0.117
1/22 through 12/22	400,763,803	3	79,416	14	164,218	30,710	178,024	452,368	0.113
1/23 through 12/23	554,694,629	3	125,239	13	490,044	172,544	410,941	1,198,768	0.216
5 YR. TOTAL	1,880,859,409	14	785,621	78	1,481,355	548,750	1,352,654	4,168,380	0.222
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	0.1205	33%	0.1011	0.222			
Pure Premium Indicated by National Relativity		39%	0.0926	33%	0.0769	0.170			
Pure Premium Present on Rate Level		40%	0.1131	34%	0.1019	0.215			
Pure Premium Derived by Formula		0.1067		0.0934		0.200			

CLASS 3685		INSTRUMENT MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	280,577,495	4	185,268	15	284,531	51,873	188,239	709,911	0.253
1/20 through 12/20	284,078,412	2	27,113	24	796,683	15,373	523,644	1,362,813	0.480
1/21 through 12/21	276,913,565	4	150,950	20	549,600	72,637	568,105	1,341,292	0.484
1/22 through 12/22	304,889,241	7	352,226	27	651,416	193,046	513,651	1,710,339	0.561
1/23 through 12/23	384,018,605	0	0	12	316,969	0	199,986	516,955	0.135
5 YR. TOTAL	1,530,477,318	17	715,557	98	2,599,199	332,929	1,993,625	5,641,310	0.369
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	0.2166	35%	0.1520	0.369			
Pure Premium Indicated by National Relativity		38%	0.1315	32%	0.1119	0.243			
Pure Premium Present on Rate Level		39%	0.1595	33%	0.1372	0.297			
Pure Premium Derived by Formula		0.1620		0.1343		0.296			

CLASS 3719		OIL STILL ERECTION OR REPAIR							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	29,806,777	0	0	1	173,153	0	71,103	244,256	0.819
1/20 through 12/20	6,681,322	0	0	1	903	0	986	1,889	0.028
1/21 through 12/21	11,258,381	0	0	0	0	0	0	0	0.000
1/22 through 12/22	8,342,085	0	0	0	0	0	0	0	0.000
1/23 through 12/23	6,767,622	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	62,856,187	0	0	2	174,056	0	72,089	246,145	0.392
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.2769	7%	0.1147	0.392			
Pure Premium Indicated by National Relativity		35%	0.3169	37%	0.2017	0.519			
Pure Premium Present on Rate Level		59%	0.2353	56%	0.1389	0.374			
Pure Premium Derived by Formula		0.2664		0.1604		0.427			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3724		MACHINERY OR EQUIPMENT ERECTION OR REPAIR NOC & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	740,073,299	18	1,139,796	139	3,660,675	990,698	2,893,700	8,684,869	1.174
1/20 through 12/20	758,064,709	28	1,897,304	114	4,824,573	1,748,029	4,374,846	12,844,752	1.694
1/21 through 12/21	800,079,509	19	1,265,938	110	3,523,613	892,579	3,329,814	9,011,944	1.126
1/22 through 12/22	971,600,682	22	3,104,834	130	5,506,317	1,965,739	4,287,933	14,864,823	1.530
1/23 through 12/23	1,072,181,993	24	2,243,124	99	3,879,428	1,060,923	2,906,497	10,089,972	0.941
5 YR. TOTAL	4,342,000,192	111	9,650,996	592	21,394,606	6,657,968	17,792,790	55,496,360	1.278
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		81%	0.7150	100%	0.5631	1.278			
Pure Premium Indicated by National Relativity		9%	0.7125	0%	0.5468	1.259			
Pure Premium Present on Rate Level		10%	0.7026	0%	0.6056	1.308			
Pure Premium Derived by Formula		0.7135		0.5631		1.277			

CLASS 3726		BOILER INSTALLATION OR REPAIR-STEAM							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	29,353,463	3	57,327	5	56,361	30,355	50,623	194,666	0.663
1/20 through 12/20	24,057,220	2	132,008	3	57,947	79,692	81,771	351,418	1.461
1/21 through 12/21	26,948,017	0	0	4	115,147	0	69,641	184,788	0.686
1/22 through 12/22	22,999,397	1	27,140	1	13,132	8,371	5,987	54,630	0.238
1/23 through 12/23	29,386,655	0	0	4	31,873	0	41,847	73,720	0.251
5 YR. TOTAL	132,744,752	6	216,475	17	274,460	118,418	249,869	859,222	0.647
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	0.3698	19%	0.2774	0.647			
Pure Premium Indicated by National Relativity		36%	0.6818	39%	0.4356	1.117			
Pure Premium Present on Rate Level		50%	0.6354	42%	0.4681	1.104			
Pure Premium Derived by Formula		0.6149		0.4192		1.034			

CLASS 3803		AUTOMOBILE WHEEL MFG-METAL-NOT CAST							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	613,565	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,031,683	0	0	0	0	0	484	484	0.047
1/21 through 12/21	976,322	0	0	1	124	0	1,507	1,631	0.167
1/22 through 12/22	2,927,590	0	0	2	36,316	0	13,871	50,187	1.714
1/23 through 12/23	3,217,001	1	65,814	0	0	48,017	2,512	116,343	3.617
5 YR. TOTAL	8,766,161	1	65,814	3	36,440	48,017	18,374	168,645	1.924
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	1.1665	4%	0.7574	1.924			
Pure Premium Indicated by National Relativity		20%	0.5729	21%	0.5952	1.168			
Pure Premium Present on Rate Level		77%	0.4691	75%	0.3964	0.866			
Pure Premium Derived by Formula		0.5108		0.4526		0.963			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3807		AUTOMOBILE RADIATOR MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	12,405,311	0	0	0	0	0	10,694	10,694	0.086
1/20 through 12/20	10,719,740	0	0	1	1,310	0	5,871	7,181	0.067
1/21 through 12/21	15,582,227	0	0	3	137,270	0	141,386	278,656	1.788
1/22 through 12/22	20,288,250	0	0	6	111,422	0	77,110	188,532	0.929
1/23 through 12/23	20,266,012	0	0	5	174,426	0	157,297	331,723	1.637
5 YR. TOTAL	79,261,540	0	0	15	424,428	0	392,358	816,786	1.031
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.5355	10%	0.4950	1.031			
Pure Premium Indicated by National Relativity		30%	0.3799	32%	0.2701	0.650			
Pure Premium Present on Rate Level		63%	0.3090	58%	0.2315	0.541			
Pure Premium Derived by Formula		0.3461		0.2702		0.616			

CLASS 3808		AUTOMOBILE MFG OR ASSEMBLY							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	422,146,333	22	1,826,187	150	5,020,770	841,213	2,745,578	10,433,748	2.472
1/20 through 12/20	425,762,466	31	1,726,294	136	4,095,817	902,401	2,923,962	9,648,474	2.266
1/21 through 12/21	466,154,332	29	2,269,828	166	5,218,914	1,739,890	3,147,500	12,376,132	2.655
1/22 through 12/22	535,931,256	24	1,891,535	204	7,549,106	1,257,298	5,425,343	16,123,282	3.008
1/23 through 12/23	672,000,812	15	1,297,543	211	7,673,607	391,731	5,672,453	15,035,334	2.237
5 YR. TOTAL	2,521,995,199	121	9,011,387	867	29,558,214	5,132,533	19,914,836	63,616,970	2.523
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		89%	1.5293	100%	0.9932	2.523			
Pure Premium Indicated by National Relativity		5%	0.7389	0%	0.4890	1.228			
Pure Premium Present on Rate Level		6%	1.4492	0%	0.9396	2.389			
Pure Premium Derived by Formula		1.4850		0.9932		2.478			

CLASS 3821		AUTOMOBILE RECYCLING & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	24,810,738	1	76,185	12	108,219	10,145	95,150	289,699	1.168
1/20 through 12/20	25,973,274	5	149,331	10	103,857	192,601	90,300	536,089	2.064
1/21 through 12/21	29,974,272	2	69,699	13	137,736	26,003	153,696	387,134	1.292
1/22 through 12/22	32,778,715	1	7,659	12	475,131	16,126	167,159	666,075	2.032
1/23 through 12/23	32,536,741	3	218,205	14	975,695	96,715	331,647	1,622,262	4.986
5 YR. TOTAL	146,073,740	12	521,079	61	1,800,638	341,590	837,952	3,501,259	2.397
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		18%	1.5894	27%	0.8075	2.397			
Pure Premium Indicated by National Relativity		41%	0.9482	36%	0.8344	1.783			
Pure Premium Present on Rate Level		41%	1.0041	37%	0.8801	1.884			
Pure Premium Derived by Formula		1.0865		0.8440		1.931			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3822	AUTOMOBILE, BUS, TRUCK OR TRAILER BODY MFG: DIE-PRESSED STEEL								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,511,613	0	0	0	0	0	2,441	2,441	0.097
1/20 through 12/20	4,355,209	0	0	5	148,875	0	60,782	209,657	4.814
1/21 through 12/21	6,895,449	0	0	1	19,637	0	19,224	38,861	0.564
1/22 through 12/22	5,786,833	1	40,265	4	76,553	62,836	38,078	217,732	3.763
1/23 through 12/23	6,145,477	1	273,749	1	15,877	81,264	12,471	383,361	6.238
5 YR. TOTAL	25,694,581	2	314,014	11	260,942	144,100	132,996	852,052	3.316
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		6%	2.2377		10%	1.0784		3.316	
Pure Premium Indicated by National Relativity		37%	0.6826		39%	0.5283		1.211	
Pure Premium Present on Rate Level		57%	0.7123		51%	0.7384		1.451	
Pure Premium Derived by Formula		0.7928			0.6905			1.483	

CLASS 3824	AUTOMOBILE, BUS, TRUCK OR TRAILER BODY MFG: NOC								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	69,995,591	2	163,534	21	337,475	219,103	407,464	1,127,576	1.611
1/20 through 12/20	68,410,737	0	0	15	268,934	0	160,098	429,032	0.627
1/21 through 12/21	79,199,939	5	318,514	21	355,751	214,954	363,713	1,252,932	1.582
1/22 through 12/22	86,512,020	0	0	33	714,009	0	662,059	1,376,068	1.591
1/23 through 12/23	99,173,038	5	406,405	20	686,893	125,951	407,463	1,626,712	1.640
5 YR. TOTAL	403,291,325	12	888,453	110	2,363,062	560,008	2,000,797	5,812,320	1.441
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		23%	0.8062		36%	0.6350		1.441	
Pure Premium Indicated by National Relativity		38%	0.5518		32%	0.5087		1.061	
Pure Premium Present on Rate Level		39%	0.5881		32%	0.5573		1.145	
Pure Premium Derived by Formula		0.6245			0.5697			1.194	

CLASS 3826	AIRCRAFT ENGINE MFG								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	108,438,465	0	0	1	256,177	0	139,918	396,095	0.365
1/20 through 12/20	85,257,356	2	278,009	5	72,971	34,585	68,861	454,426	0.533
1/21 through 12/21	79,817,716	0	0	7	180,003	0	71,238	251,241	0.315
1/22 through 12/22	49,368,630	0	0	1	53,805	0	45,770	99,575	0.202
1/23 through 12/23	60,473,833	2	218,377	2	56,311	88,775	48,175	411,638	0.681
5 YR. TOTAL	383,356,000	4	496,386	16	619,267	123,360	373,962	1,612,975	0.421
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		11%	0.2910		15%	0.1297		0.421	
Pure Premium Indicated by National Relativity		40%	0.1664		42%	0.1131		0.280	
Pure Premium Present on Rate Level		49%	0.1458		43%	0.0973		0.243	
Pure Premium Derived by Formula		0.1700			0.1088			0.279	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3827		AUTOMOBILE ENGINE MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	55,882,360	2	43,357	9	94,252	28,391	86,908	252,908	0.453
1/20 through 12/20	45,496,201	0	0	5	306,009	0	91,582	397,591	0.874
1/21 through 12/21	54,993,563	2	60,892	6	56,182	35,653	54,998	207,725	0.378
1/22 through 12/22	62,369,949	1	34,595	6	46,506	59,118	57,610	197,829	0.317
1/23 through 12/23	56,439,058	0	0	5	69,143	0	42,622	111,765	0.198
5 YR. TOTAL	275,181,131	5	138,844	31	572,092	123,162	333,720	1,167,818	0.424
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	0.2584	21%	0.1660	0.424			
Pure Premium Indicated by National Relativity		42%	0.6959	39%	0.3996	1.096			
Pure Premium Present on Rate Level		43%	0.4052	40%	0.2711	0.676			
Pure Premium Derived by Formula		0.5053		0.2991		0.804			

CLASS 3830		AIRPLANE MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	73,136,426	2	172,080	4	215,794	63,820	95,894	547,588	0.749
1/20 through 12/20	168,776,430	2	53,238	14	507,268	22,832	300,951	884,289	0.524
1/21 through 12/21	175,224,800	1	128,890	13	368,782	215,115	294,532	1,007,319	0.575
1/22 through 12/22	195,465,332	3	112,031	13	555,929	32,658	500,719	1,201,337	0.615
1/23 through 12/23	223,818,338	3	310,139	13	251,164	117,191	283,419	961,913	0.430
5 YR. TOTAL	836,421,326	11	776,378	57	1,898,937	451,616	1,475,515	4,602,446	0.550
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		22%	0.3199	32%	0.2304	0.550			
Pure Premium Indicated by National Relativity		39%	0.2094	34%	0.1640	0.373			
Pure Premium Present on Rate Level		39%	0.2722	34%	0.2073	0.480			
Pure Premium Derived by Formula		0.2582		0.2000		0.458			

CLASS 3851		MOTORCYCLE MFG OR ASSEMBLY							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,268,201	0	0	0	0	0	0	0	0.000
1/20 through 12/20	784,777	0	0	0	0	0	201	201	0.026
1/21 through 12/21	1,839,863	0	0	0	0	0	133	133	0.007
1/22 through 12/22	2,533,485	0	0	0	0	0	0	0	0.000
1/23 through 12/23	2,702,508	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	9,128,834	0	0	0	0	0	334	334	0.004
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.0000	4%	0.0037	0.004			
Pure Premium Indicated by National Relativity		29%	0.3136	31%	0.3299	0.644			
Pure Premium Present on Rate Level		69%	0.2761	65%	0.2785	0.555			
Pure Premium Derived by Formula		0.2815		0.2834		0.565			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 3865		BABY CARRIAGE MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	2,990,102	0	0	0	0	0	675	675	0.023
1/20 through 12/20	4,409,592	0	0	0	0	0	966	966	0.022
1/21 through 12/21	4,978,791	0	0	1	2,231	0	9,511	11,742	0.236
1/22 through 12/22	4,879,718	0	0	1	133,888	0	28,895	162,783	3.336
1/23 through 12/23	4,025,241	0	0	0	0	0	425	425	0.011
5 YR. TOTAL	21,283,444	0	0	2	136,119	0	40,472	176,591	0.830
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.6396	7%	0.1902	0.830			
Pure Premium Indicated by National Relativity		21%	0.5408	23%	0.3522	0.893			
Pure Premium Present on Rate Level		74%	0.4631	70%	0.3751	0.838			
Pure Premium Derived by Formula		0.4882		0.3569		0.845			

CLASS 3881		CAR MFG-RAILROAD-& DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	6,644,340	1	78,412	3	261,591	0	106,308	446,311	6.717
1/20 through 12/20	4,458,482	0	0	0	0	0	3,858	3,858	0.087
1/21 through 12/21	4,664,233	1	71,368	0	0	53,140	705	125,213	2.685
1/22 through 12/22	4,707,647	1	3,161	1	736	18,914	671	23,482	0.499
1/23 through 12/23	5,447,022	0	0	0	0	0	1,171	1,171	0.022
5 YR. TOTAL	25,921,724	3	152,941	4	262,327	72,054	112,713	600,035	2.315
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	1.6020	9%	0.7128	2.315			
Pure Premium Indicated by National Relativity		34%	0.5204	37%	0.4043	0.925			
Pure Premium Present on Rate Level		60%	0.6272	54%	0.4874	1.115			
Pure Premium Derived by Formula		0.6494		0.4769		1.126			

CLASS 4000		SAND OR GRAVEL DIGGING & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	42,367,228	2	123,886	5	16,481	71,581	42,729	254,677	0.601
1/20 through 12/20	45,497,460	1	167,515	4	51,780	47,840	48,430	315,565	0.694
1/21 through 12/21	51,692,300	3	202,951	6	318,605	278,105	480,226	1,279,887	2.476
1/22 through 12/22	57,903,894	1	92,956	6	58,210	26,868	91,496	269,530	0.466
1/23 through 12/23	70,944,213	1	130,264	7	324,702	122,628	428,790	1,006,384	1.419
5 YR. TOTAL	268,405,095	8	717,572	28	769,778	547,022	1,091,671	3,126,043	1.165
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		26%	0.5541	34%	0.6105	1.165			
Pure Premium Indicated by National Relativity		37%	1.2922	33%	0.8268	2.119			
Pure Premium Present on Rate Level		37%	1.1312	33%	0.7414	1.873			
Pure Premium Derived by Formula		1.0407		0.7251		1.766			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4021		BRICK OR CLAY PRODUCTS MFG. NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	33,694,963	2	17,790	11	159,370	32,976	140,393	350,529	1.040
1/20 through 12/20	35,114,542	0	0	11	218,242	0	157,429	375,671	1.070
1/21 through 12/21	35,419,110	0	0	8	87,539	0	91,761	179,300	0.506
1/22 through 12/22	40,115,935	0	0	11	265,572	0	389,177	654,749	1.632
1/23 through 12/23	42,813,256	1	91,114	9	321,904	39,423	341,501	793,942	1.854
5 YR. TOTAL	187,157,806	3	108,904	50	1,052,627	72,399	1,120,261	2,354,191	1.258
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		15%	0.6206		24%	0.6372		1.258	
Pure Premium Indicated by National Relativity		29%	0.8031		31%	0.6896		1.493	
Pure Premium Present on Rate Level		56%	0.5776		45%	0.5498		1.127	
Pure Premium Derived by Formula		0.6494			0.6141			1.264	

CLASS 4024	REFRACTORY PRODUCTS MFG & DRIVERS								
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	6,551,751	0	0	2	12,833	0	44,129	56,962	0.869
1/20 through 12/20	2,729,259	0	0	0	0	0	930	930	0.034
1/21 through 12/21	5,433,116	1	100,249	2	15,716	57,062	4,921	177,948	3.275
1/22 through 12/22	9,210,139	0	0	2	4,473	0	6,457	10,930	0.119
1/23 through 12/23	9,679,662	0	0	4	94,437	0	66,701	161,138	1.665
5 YR. TOTAL	33,603,927	1	100,249	10	127,459	57,062	123,138	407,908	1.214
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		6%	0.6776		10%	0.5362		1.214	
Pure Premium Indicated by National Relativity		19%	1.4013		20%	0.7446		2.146	
Pure Premium Present on Rate Level		75%	0.5807		70%	0.5026		1.083	
Pure Premium Derived by Formula		0.7424			0.5544			1.297	

CLASS 4034		CONCRETE PRODUCTS MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	92,623,106	2	269,644	42	953,864	173,548	1,055,079	2,452,135	2.648
1/20 through 12/20	81,818,469	4	123,875	37	1,304,173	122,460	1,405,088	2,955,596	3.612
1/21 through 12/21	91,644,927	10	558,246	30	541,762	619,481	586,003	2,305,492	2.516
1/22 through 12/22	102,670,290	2	117,054	29	462,306	70,770	439,502	1,089,632	1.061
1/23 through 12/23	114,509,538	5	356,589	19	513,951	205,940	571,310	1,647,790	1.439
5 YR. TOTAL	483,266,330	23	1,425,408	157	3,776,056	1,192,199	4,056,982	10,450,645	2.163
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		34%	1.0763		55%	1.0862		2.163	
Pure Premium Indicated by National Relativity		33%	1.1200		22%	0.9093		2.029	
Pure Premium Present on Rate Level		33%	1.1401		23%	1.1016		2.242	
Pure Premium Derived by Formula		1.1118			1.0508			2.163	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4036		PLASTER BOARD OR PLASTER BLOCK MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	28,521,795	1	34,272	4	175,276	0	109,211	318,759	1.118
1/20 through 12/20	27,991,674	0	0	4	181,831	0	91,119	272,950	0.975
1/21 through 12/21	29,584,058	0	0	1	8,674	0	35,495	44,169	0.149
1/22 through 12/22	31,169,538	0	0	7	170,494	0	98,691	269,185	0.864
1/23 through 12/23	29,261,755	1	84,378	3	134,318	66,559	105,464	390,719	1.335
5 YR. TOTAL	146,528,820	2	118,650	19	670,593	66,559	439,980	1,295,782	0.884
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.5386	16%	0.3457	0.884			
Pure Premium Indicated by National Relativity		33%	0.3005	36%	0.2755	0.576			
Pure Premium Present on Rate Level		56%	0.3632	48%	0.3165	0.680			
Pure Premium Derived by Formula		0.3618		0.3064		0.668			

CLASS 4038		PLASTER STATUARY OR ORNAMENT MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	728,762	0	0	0	0	0	0	0	0.000
1/20 through 12/20	923,580	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,133,560	0	0	0	0	0	0	0	0.000
1/22 through 12/22	873,267	0	0	0	0	0	0	0	0.000
1/23 through 12/23	791,116	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	4,450,285	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.0000	3%	0.0000	0.000			
Pure Premium Indicated by National Relativity		9%	0.5379	10%	0.4759	1.014			
Pure Premium Present on Rate Level		89%	0.4190	87%	0.3613	0.780			
Pure Premium Derived by Formula		0.4213		0.3619		0.783			

CLASS 4062		POTTERY MFG: PORCELAIN WARE-MECHANICAL PRESS FORMING							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	66,248,088	1	9,682	9	105,149	27,206	118,191	260,228	0.393
1/20 through 12/20	50,077,491	2	27,339	13	239,549	33,682	274,901	575,471	1.149
1/21 through 12/21	64,275,290	0	0	8	316,557	0	217,954	534,511	0.832
1/22 through 12/22	65,489,900	0	0	6	177,574	0	111,878	289,452	0.442
1/23 through 12/23	59,601,842	1	71,271	1	78,263	51,544	23,310	224,388	0.377
5 YR. TOTAL	305,692,611	4	108,292	37	917,092	112,432	746,234	1,884,050	0.616
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.3354	24%	0.2809	0.616			
Pure Premium Indicated by National Relativity		27%	0.2735	29%	0.2696	0.543			
Pure Premium Present on Rate Level		57%	0.3782	47%	0.3340	0.712			
Pure Premium Derived by Formula		0.3431		0.3026		0.646			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4101		GLASS MFG-& DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	86,592,879	0	0	27	471,701	0	488,367	960,068	1.109
1/20 through 12/20	74,450,217	1	69,031	14	164,142	77,393	400,106	710,672	0.955
1/21 through 12/21	94,662,543	2	9,800	15	228,195	51,080	249,753	538,828	0.569
1/22 through 12/22	93,042,935	2	39,083	12	184,344	48,918	205,933	478,278	0.514
1/23 through 12/23	75,781,663	1	46,692	14	357,046	6,182	205,878	615,798	0.813
5 YR. TOTAL	424,530,237	6	164,606	82	1,405,428	183,573	1,550,037	3,303,644	0.778
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	0.3698	34%	0.4084	0.778			
Pure Premium Indicated by National Relativity		35%	0.6818	33%	0.5023	1.184			
Pure Premium Present on Rate Level		44%	0.4851	33%	0.4679	0.953			
Pure Premium Derived by Formula		0.5297		0.4590		0.989			

CLASS 4109		INTEGRATED CIRCUIT MFG.							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	337,839,937	2	110,973	10	314,791	100,914	273,850	800,528	0.237
1/20 through 12/20	349,119,171	2	73,200	12	399,621	57,791	297,748	828,360	0.237
1/21 through 12/21	401,388,249	3	117,160	7	116,179	112,058	126,511	471,908	0.118
1/22 through 12/22	423,319,769	3	43,381	14	909,929	39,332	303,219	1,295,861	0.306
1/23 through 12/23	459,227,224	1	233,166	12	419,830	45,654	265,844	964,494	0.210
5 YR. TOTAL	1,970,894,350	11	577,880	55	2,160,350	355,749	1,267,172	4,361,151	0.221
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	0.1389	29%	0.0823	0.221			
Pure Premium Indicated by National Relativity		29%	0.0911	31%	0.0595	0.151			
Pure Premium Present on Rate Level		50%	0.1001	40%	0.0750	0.175			
Pure Premium Derived by Formula		0.1056		0.0723		0.178			

CLASS 4110		ELECTRIC BULB MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	58,872,234	0	0	3	29,140	0	16,690	45,830	0.078
1/20 through 12/20	60,007,671	0	0	0	0	0	8,104	8,104	0.014
1/21 through 12/21	77,914,388	0	0	2	5,596	0	10,725	16,321	0.021
1/22 through 12/22	95,431,839	0	0	5	74,808	0	72,336	147,144	0.154
1/23 through 12/23	88,065,520	2	217,014	3	100,472	266,423	55,308	639,217	0.726
5 YR. TOTAL	380,291,652	2	217,014	13	210,016	266,423	163,163	856,616	0.225
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.1123	14%	0.1130	0.225			
Pure Premium Indicated by National Relativity		13%	0.0838	13%	0.0854	0.169			
Pure Premium Present on Rate Level		76%	0.1361	73%	0.0926	0.229			
Pure Premium Derived by Formula		0.1267		0.0945		0.221			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4111		GLASSWARE MFG-NO AUTOMATIC BLOWING MACHINES							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	95,383,748	2	279,492	14	169,311	114,329	210,696	773,828	0.811
1/20 through 12/20	93,530,722	1	50,834	12	387,322	31,450	330,629	800,235	0.856
1/21 through 12/21	105,405,757	4	176,760	19	422,601	86,489	190,018	875,868	0.831
1/22 through 12/22	115,229,155	1	111,382	27	925,272	109,858	549,524	1,696,036	1.472
1/23 through 12/23	113,481,048	1	33,832	13	725,787	22,822	252,264	1,034,705	0.912
5 YR. TOTAL	523,030,430	9	652,300	85	2,630,293	364,948	1,533,131	5,180,672	0.991
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		24%	0.6276	30%		0.3629		0.991	
Pure Premium Indicated by National Relativity		23%	0.4137	25%		0.2360		0.650	
Pure Premium Present on Rate Level		53%	0.4922	45%		0.3000		0.792	
Pure Premium Derived by Formula			0.5066			0.3029		0.810	

CLASS 4114		GLASSWARE MFG NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	67,500,425	2	48,692	15	471,177	21,946	195,733	737,548	1.093
1/20 through 12/20	71,753,016	0	0	15	365,644	0	226,544	592,188	0.825
1/21 through 12/21	81,151,448	2	79,778	13	966,401	18,577	616,237	1,680,993	2.072
1/22 through 12/22	87,915,285	5	177,702	15	321,452	40,865	144,219	684,238	0.778
1/23 through 12/23	71,574,088	0	0	10	184,785	0	80,094	264,879	0.370
5 YR. TOTAL	379,894,262	9	306,172	68	2,309,459	81,388	1,262,827	3,959,846	1.042
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	0.6885	28%		0.3538		1.042	
Pure Premium Indicated by National Relativity		28%	0.4032	29%		0.3274		0.731	
Pure Premium Present on Rate Level		52%	0.5102	43%		0.3721		0.882	
Pure Premium Derived by Formula			0.5159			0.3540		0.870	

CLASS 4130		GLASS MERCHANT							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	40,811,692	3	75,314	6	141,689	117,679	139,425	474,107	1.162
1/20 through 12/20	41,636,919	2	53,505	7	25,338	35,750	57,805	172,398	0.414
1/21 through 12/21	50,717,833	4	285,755	12	233,693	384,415	164,444	1,068,307	2.106
1/22 through 12/22	56,124,529	3	25,067	5	176,117	31,085	180,029	412,298	0.735
1/23 through 12/23	58,882,426	1	179,075	4	65,536	20,563	92,309	357,483	0.607
5 YR. TOTAL	248,173,399	13	618,716	34	642,373	589,492	634,012	2,484,593	1.001
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		18%	0.5081	27%		0.4930		1.001	
Pure Premium Indicated by National Relativity		41%	0.6356	36%		0.5365		1.172	
Pure Premium Present on Rate Level		41%	0.6008	37%		0.5231		1.124	
Pure Premium Derived by Formula			0.5984			0.5198		1.118	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4131		MIRROR MFG							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	6,881,561	0	0	6	190,511	0	132,688	323,199	4.697
1/20 through 12/20	7,394,472	0	0	3	79,541	0	57,480	137,021	1.853
1/21 through 12/21	8,562,703	0	0	6	108,681	0	151,296	259,977	3.036
1/22 through 12/22	9,051,992	0	0	10	124,906	0	175,715	300,621	3.321
1/23 through 12/23	9,624,102	1	127,911	0	0	43,246	7,809	178,966	1.860
5 YR. TOTAL	41,514,830	1	127,911	25	503,639	43,246	524,988	1,199,784	2.890
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		10%	1.5213	18%		1.3687		2.890	
Pure Premium Indicated by National Relativity		17%	1.0998	18%		1.0057		2.106	
Pure Premium Present on Rate Level		73%	1.2325	64%		1.3671		2.600	
Pure Premium Derived by Formula			1.2388			1.3023		2.541	

CLASS 4133		CATHEDRAL OR ART GLASS WINDOW MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,128,287	0	0	0	0	0	0	0	0.000
1/20 through 12/20	935,937	0	0	0	0	0	1,090	1,090	0.117
1/21 through 12/21	1,092,930	0	0	0	0	0	593	593	0.054
1/22 through 12/22	1,112,280	0	0	0	0	0	0	0	0.000
1/23 through 12/23	1,050,775	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	5,320,209	0	0	0	0	0	1,683	1,683	0.032
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		2%	0.0000	4%		0.0316		0.032	
Pure Premium Indicated by National Relativity		9%	0.3495	9%		0.3726		0.722	
Pure Premium Present on Rate Level		89%	0.3647	87%		0.4516		0.816	
Pure Premium Derived by Formula			0.3560			0.4277		0.784	

CLASS 4149		OPTICAL GOODS MFG. NOC							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	32,735,207	1	83,631	1	646	67,780	18,204	170,261	0.520
1/20 through 12/20	33,605,152	0	0	4	36,073	0	37,717	73,790	0.220
1/21 through 12/21	37,822,256	0	0	3	40,547	0	26,749	67,296	0.178
1/22 through 12/22	29,212,373	0	0	1	3,795	0	21,404	25,199	0.086
1/23 through 12/23	30,513,699	1	14,378	1	33,387	213,005	168,936	429,706	1.408
5 YR. TOTAL	163,888,687	2	98,009	10	114,448	280,785	273,010	766,252	0.468
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		7%	0.1296	10%		0.3379		0.468	
Pure Premium Indicated by National Relativity		31%	0.1551	33%		0.1158		0.271	
Pure Premium Present on Rate Level		62%	0.1391	57%		0.1124		0.252	
Pure Premium Derived by Formula			0.1434			0.1361		0.280	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4206		PULP MFG-GROUND WOOD PROCESS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	9,147,762	0	0	1	24,970	0	32,168	57,138	0.625
1/20 through 12/20	15,905,559	0	0	1	974	0	35,434	36,408	0.229
1/21 through 12/21	31,496,421	2	90,819	3	15,094	33,133	16,698	155,744	0.495
1/22 through 12/22	51,240,501	0	0	7	346,019	0	266,462	612,481	1.195
1/23 through 12/23	35,700,813	0	0	5	978,047	0	261,511	1,239,558	3.472
5 YR. TOTAL	143,491,056	2	90,819	17	1,365,104	33,133	612,273	2,101,329	1.464
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	1.0146	16%	0.4498	1.464			
Pure Premium Indicated by National Relativity		17%	0.4409	18%	0.2830	0.724			
Pure Premium Present on Rate Level		72%	0.4111	66%	0.3245	0.736			
Pure Premium Derived by Formula		0.4826		0.3371		0.820			

CLASS 4207		PULP MFG-CHEMICAL PROCESS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	44,824,705	0	0	2	159,203	0	168,748	327,951	0.732
1/20 through 12/20	35,426,398	0	0	2	45,852	0	33,144	78,996	0.223
1/21 through 12/21	21,709,567	0	0	3	32,440	0	51,530	83,970	0.387
1/22 through 12/22	8,528,185	0	0	2	17,184	0	30,258	47,442	0.556
1/23 through 12/23	8,657,678	0	0	0	0	0	12	12	0.000
5 YR. TOTAL	119,146,533	0	0	9	254,679	0	283,692	538,371	0.452
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.2138	14%	0.2381	0.452			
Pure Premium Indicated by National Relativity		30%	0.6141	32%	0.3829	0.997			
Pure Premium Present on Rate Level		60%	0.4264	54%	0.2857	0.712			
Pure Premium Derived by Formula		0.4615		0.3101		0.772			

CLASS 4239		PAPER MFG							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	250,032,572	10	333,158	27	439,136	101,429	531,502	1,405,225	0.562
1/20 through 12/20	271,832,447	4	436,099	34	1,564,099	218,170	1,292,984	3,511,352	1.292
1/21 through 12/21	242,135,167	12	1,274,719	39	1,160,834	1,407,332	799,087	4,641,972	1.917
1/22 through 12/22	291,064,126	11	125,957	27	1,020,592	0	754,685	1,901,234	0.653
1/23 through 12/23	281,441,180	4	249,289	32	1,372,845	86,346	922,416	2,630,896	0.935
5 YR. TOTAL	1,336,505,492	41	2,419,222	159	5,557,506	1,813,277	4,300,674	14,090,679	1.054
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		37%	0.5968	58%	0.4575	1.054			
Pure Premium Indicated by National Relativity		31%	0.4091	21%	0.3063	0.715			
Pure Premium Present on Rate Level		32%	0.4839	21%	0.4325	0.916			
Pure Premium Derived by Formula		0.5025		0.4205		0.923			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4240		BOX MFG-SET-UP PAPER							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,727,348	0	0	2	5,776	0	5,071	10,847	0.628
1/20 through 12/20	1,325,240	0	0	0	0	0	1,125	1,125	0.085
1/21 through 12/21	2,147,415	0	0	0	0	0	1,493	1,493	0.070
1/22 through 12/22	3,277,032	0	0	0	0	0	3,557	3,557	0.109
1/23 through 12/23	3,466,240	0	0	1	323	0	17,579	17,902	0.516
5 YR. TOTAL	11,943,275	0	0	3	6,099	0	28,825	34,924	0.293
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.0511	5%	0.2414	0.293			
Pure Premium Indicated by National Relativity		15%	0.2828	16%	0.2940	0.577			
Pure Premium Present on Rate Level		82%	0.3689	79%	0.3959	0.765			
Pure Premium Derived by Formula		0.3465		0.3719		0.718			

CLASS 4243		BOX MFG-FOLDING PAPER-NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	230,335,316	3	166,156	34	783,110	281,654	425,361	1,656,281	0.719
1/20 through 12/20	249,432,115	1	6,333	39	865,325	0	803,274	1,674,932	0.672
1/21 through 12/21	269,859,178	8	290,145	44	1,027,988	161,109	768,149	2,247,391	0.833
1/22 through 12/22	268,417,037	2	338,309	25	368,143	165,714	274,028	1,146,194	0.427
1/23 through 12/23	281,239,574	4	180,917	19	887,619	104,801	694,425	1,867,762	0.664
5 YR. TOTAL	1,299,283,220	18	981,860	161	3,932,185	713,278	2,965,237	8,592,560	0.661
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		31%	0.3782	46%	0.2831	0.661			
Pure Premium Indicated by National Relativity		34%	0.3456	27%	0.3368	0.682			
Pure Premium Present on Rate Level		35%	0.3425	27%	0.2802	0.623			
Pure Premium Derived by Formula		0.3546		0.2968		0.651			

CLASS 4244		CORRUGATED OR FIBER BOARD CONTAINER MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	204,224,885	3	196,656	25	432,628	97,752	299,680	1,026,716	0.503
1/20 through 12/20	217,643,021	0	0	32	802,716	0	454,196	1,256,912	0.578
1/21 through 12/21	242,335,509	5	212,008	32	1,378,860	270,526	985,001	2,846,395	1.175
1/22 through 12/22	238,405,488	2	67,104	25	651,995	21,930	929,763	1,670,792	0.701
1/23 through 12/23	220,780,559	1	27,515	20	489,405	3,947	290,027	810,894	0.367
5 YR. TOTAL	1,123,389,462	11	503,283	134	3,755,604	394,155	2,958,667	7,611,709	0.678
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	0.3791	48%	0.2985	0.678			
Pure Premium Indicated by National Relativity		34%	0.4929	26%	0.4263	0.919			
Pure Premium Present on Rate Level		34%	0.4356	26%	0.3541	0.790			
Pure Premium Derived by Formula		0.4370		0.3462		0.783			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4250	PAPER COATING								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	128,778,797	1	129,618	11	515,993	86,555	286,124	1,018,290	0.791
1/20 through 12/20	130,416,653	0	0	15	293,593	0	269,362	562,955	0.432
1/21 through 12/21	146,489,838	7	312,613	14	348,619	91,284	351,419	1,103,935	0.754
1/22 through 12/22	142,670,919	2	100,372	17	604,945	42,436	324,058	1,071,811	0.751
1/23 through 12/23	155,805,159	3	74,653	19	258,157	58,442	467,743	858,995	0.551
5 YR. TOTAL	704,161,366	13	617,256	76	2,021,307	278,717	1,698,706	4,615,986	0.656
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		23%	0.3747		34%	0.2808		0.656	
Pure Premium Indicated by National Relativity		38%	0.3666		33%	0.2942		0.661	
Pure Premium Present on Rate Level		39%	0.3496		33%	0.2811		0.631	
Pure Premium Derived by Formula		0.3618			0.2853			0.647	

CLASS 4251	STATIONERY MFG								
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	21,812,672	0	0	6	43,819	0	69,334	113,153	0.519
1/20 through 12/20	21,658,694	1	7,858	3	41,300	11,305	82,994	143,457	0.662
1/21 through 12/21	22,814,784	1	1,752	8	58,050	1,064	103,558	164,424	0.721
1/22 through 12/22	20,660,737	1	38,842	5	79,011	8,366	76,636	202,855	0.982
1/23 through 12/23	25,633,088	0	0	2	7,160	0	73,247	80,407	0.314
5 YR. TOTAL	112,579,975	3	48,452	24	229,340	20,735	405,769	704,296	0.626
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		11%	0.2468		16%	0.3788		0.626	
Pure Premium Indicated by National Relativity		24%	0.4991		25%	0.3090		0.808	
Pure Premium Present on Rate Level		65%	0.4618		59%	0.4150		0.877	
Pure Premium Derived by Formula		0.4471			0.3827			0.830	

CLASS 4263	FIBER GOODS MFG								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	41,804,599	2	51,073	3	40,174	67,907	28,625	187,779	0.449
1/20 through 12/20	47,985,086	0	0	4	180,786	0	119,867	300,653	0.627
1/21 through 12/21	52,551,863	1	9,112	10	291,298	0	121,641	422,051	0.803
1/22 through 12/22	58,413,845	1	3,256	6	175,058	21,565	176,139	376,018	0.644
1/23 through 12/23	61,330,894	1	79,480	8	96,439	46,328	152,510	374,757	0.611
5 YR. TOTAL	262,086,287	5	142,921	31	783,755	135,800	598,782	1,661,258	0.634
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		19%	0.3536		27%	0.2803		0.634	
Pure Premium Indicated by National Relativity		31%	0.7845		33%	0.5906		1.375	
Pure Premium Present on Rate Level		50%	0.6606		40%	0.4903		1.151	
Pure Premium Derived by Formula		0.6407			0.4667			1.107	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4273		BAG MFG. - PLASTIC OR PAPER							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	55,724,256	0	0	13	332,197	0	241,106	573,303	1.029
1/20 through 12/20	51,723,571	1	25,296	9	179,212	53,724	205,586	463,818	0.897
1/21 through 12/21	52,914,314	0	0	6	134,366	0	128,196	262,562	0.496
1/22 through 12/22	57,902,181	1	17,959	17	521,352	40,862	379,965	960,138	1.658
1/23 through 12/23	53,726,520	1	91,772	3	27,672	41,569	27,363	188,376	0.351
5 YR. TOTAL	271,990,842	3	135,027	48	1,194,799	136,155	982,216	2,448,197	0.900
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.4889	24%	0.4112	0.900			
Pure Premium Indicated by National Relativity		42%	0.4728	38%	0.3814	0.854			
Pure Premium Present on Rate Level		42%	0.4160	38%	0.3800	0.796			
Pure Premium Derived by Formula		0.4515		0.3880		0.840			

CLASS 4279		PAPER GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	153,455,293	4	278,391	30	861,455	277,632	720,162	2,137,640	1.393
1/20 through 12/20	150,463,649	7	472,599	36	590,675	480,788	464,646	2,008,708	1.335
1/21 through 12/21	208,136,694	5	87,502	41	718,428	84,102	868,932	1,758,964	0.845
1/22 through 12/22	212,909,120	8	322,701	35	1,014,491	330,109	740,500	2,407,801	1.131
1/23 through 12/23	216,097,292	4	517,252	41	1,001,075	306,500	726,479	2,551,306	1.181
5 YR. TOTAL	941,062,048	28	1,678,445	183	4,186,124	1,479,131	3,520,719	10,864,419	1.155
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		33%	0.6232	52%	0.5313	1.155			
Pure Premium Indicated by National Relativity		33%	0.5028	24%	0.4553	0.958			
Pure Premium Present on Rate Level		34%	0.5256	24%	0.4983	1.024			
Pure Premium Derived by Formula		0.5503		0.5051		1.055			

CLASS 4283		BUILDING OR ROOFING PAPER OR FELT PREPARATION-NO INSTALLATION							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,471,603	0	0	1	962	0	2,004	2,966	0.202
1/20 through 12/20	2,065,900	0	0	0	0	0	0	0	0.000
1/21 through 12/21	2,859,400	0	0	0	0	0	4,852	4,852	0.170
1/22 through 12/22	2,790,443	1	32,832	0	0	33,155	812	66,799	2.394
1/23 through 12/23	3,727,522	0	0	0	0	0	926	926	0.025
5 YR. TOTAL	12,914,868	1	32,832	1	962	33,155	8,594	75,543	0.585
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.2617	5%	0.3233	0.585			
Pure Premium Indicated by National Relativity		23%	0.3351	24%	0.2804	0.616			
Pure Premium Present on Rate Level		74%	0.3242	71%	0.2928	0.617			
Pure Premium Derived by Formula		0.3248		0.2913		0.616			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4299		PRINTING							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	366,396,343	6	194,456	31	469,704	136,572	493,293	1,294,025	0.353
1/20 through 12/20	404,164,665	10	567,020	56	1,092,412	483,084	866,233	3,008,749	0.745
1/21 through 12/21	505,328,497	11	406,888	62	1,575,325	292,659	1,390,407	3,665,279	0.725
1/22 through 12/22	583,341,724	10	616,419	47	858,796	292,884	765,206	2,533,305	0.434
1/23 through 12/23	463,322,917	2	106,779	33	882,894	42,790	588,263	1,620,726	0.350
5 YR. TOTAL	2,322,554,146	39	1,891,562	229	4,879,131	1,247,989	4,103,402	12,122,084	0.522
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		39%	0.2915		59%	0.2304		0.522	
Pure Premium Indicated by National Relativity		30%	0.2937		20%	0.2731		0.567	
Pure Premium Present on Rate Level		31%	0.3032		21%	0.2659		0.569	
Pure Premium Derived by Formula		0.2958			0.2464			0.542	

CLASS 4304		NEWSPAPER PUBLISHING							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	14,454,792	0	0	5	133,810	0	136,561	270,371	1.870
1/20 through 12/20	11,248,898	1	64,735	3	40,235	35,669	24,469	165,108	1.468
1/21 through 12/21	12,828,521	0	0	2	30,023	0	36,560	66,583	0.519
1/22 through 12/22	10,236,056	0	0	3	16,053	0	46,059	62,112	0.607
1/23 through 12/23	8,379,183	1	14,170	1	13,486	15,411	13,014	56,081	0.669
5 YR. TOTAL	57,147,450	2	78,905	14	233,607	51,080	256,663	620,255	1.085
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		9%	0.5469		15%	0.5385		1.085	
Pure Premium Indicated by National Relativity		36%	0.5944		38%	0.6077		1.202	
Pure Premium Present on Rate Level		55%	0.7300		47%	0.6613		1.391	
Pure Premium Derived by Formula		0.6647			0.6225			1.287	

CLASS 4307	BOOKBINDING								
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	12,767,832	0	0	0	0	0	6,925	6,925	0.054
1/20 through 12/20	5,623,667	0	0	6	22,520	0	10,997	33,517	0.596
1/21 through 12/21	4,403,792	0	0	0	0	0	0	0	0.000
1/22 through 12/22	6,205,325	0	0	1	8,612	0	4,680	13,292	0.214
1/23 through 12/23	6,594,613	0	0	1	13,907	0	19,414	33,321	0.505
5 YR. TOTAL	35,595,229	0	0	8	45,039	0	42,016	87,055	0.245
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		4%	0.1265		7%	0.1180		0.245	
Pure Premium Indicated by National Relativity		21%	0.2339		23%	0.2204		0.454	
Pure Premium Present on Rate Level		75%	0.2514		70%	0.2472		0.499	
Pure Premium Derived by Formula		0.2427			0.2320			0.475	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4351		PHOTOENGRAVING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,981,215	0	0	0	0	0	280	280	0.014
1/20 through 12/20	1,941,288	0	0	0	0	0	365	365	0.019
1/21 through 12/21	1,820,856	0	0	0	0	0	858	858	0.047
1/22 through 12/22	1,691,020	0	0	0	0	0	494	494	0.029
1/23 through 12/23	2,013,007	0	0	0	0	0	911	911	0.045
5 YR. TOTAL	9,447,386	0	0	0	0	0	2,908	2,908	0.031
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.0000	3%	0.0308	0.031			
Pure Premium Indicated by National Relativity		8%	0.0947	8%	0.1052	0.200			
Pure Premium Present on Rate Level		90%	0.2779	89%	0.1794	0.457			
Pure Premium Derived by Formula		0.2577		0.1690		0.427			

CLASS 4352		ENGRAVING							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	6,096,269	0	0	0	0	0	245	245	0.004
1/20 through 12/20	4,965,013	0	0	0	0	0	0	0	0.000
1/21 through 12/21	3,293,471	0	0	0	0	0	244	244	0.007
1/22 through 12/22	5,192,506	0	0	1	1,529	0	1,544	3,073	0.059
1/23 through 12/23	4,952,108	0	0	1	3,556	0	13,848	17,404	0.351
5 YR. TOTAL	24,499,367	0	0	2	5,085	0	15,881	20,966	0.086
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.0208	5%	0.0648	0.086			
Pure Premium Indicated by National Relativity		13%	0.3722	14%	0.2092	0.581			
Pure Premium Present on Rate Level		84%	0.2176	81%	0.2026	0.420			
Pure Premium Derived by Formula		0.2318		0.1966		0.428			

CLASS 4361		PHOTOGRAPHER-ALL EMPLOYEES & CLERICAL, SALESPERSONS, DRIVERS							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	54,316,005	0	0	5	174,150	0	51,359	225,509	0.415
1/20 through 12/20	56,893,704	0	0	4	24,607	0	23,252	47,859	0.084
1/21 through 12/21	66,487,204	0	0	7	91,857	0	79,079	170,936	0.257
1/22 through 12/22	77,574,314	0	0	9	128,591	0	127,450	256,041	0.330
1/23 through 12/23	79,566,215	0	0	1	3,220	0	15,978	19,198	0.024
5 YR. TOTAL	334,837,442	0	0	26	422,425	0	297,118	719,543	0.215
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.1262	15%	0.0887	0.215			
Pure Premium Indicated by National Relativity		30%	0.1295	33%	0.1035	0.233			
Pure Premium Present on Rate Level		60%	0.1365	52%	0.1148	0.251			
Pure Premium Derived by Formula		0.1334		0.1072		0.241			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4410		RUBBER GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	135,167,593	4	59,299	37	727,867	31,531	510,107	1,328,804	0.983
1/20 through 12/20	167,109,639	6	157,524	33	790,590	98,515	489,108	1,535,737	0.919
1/21 through 12/21	192,800,451	6	318,126	26	512,539	272,197	427,608	1,530,470	0.794
1/22 through 12/22	211,512,151	4	462,370	28	369,886	136,416	371,634	1,340,306	0.634
1/23 through 12/23	229,170,416	6	493,673	30	873,307	259,589	947,609	2,574,178	1.123
5 YR. TOTAL	935,760,250	26	1,490,992	154	3,274,189	798,248	2,746,066	8,309,495	0.888
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		31%	0.5092	45%	0.3788	0.888			
Pure Premium Indicated by National Relativity		34%	0.4755	27%	0.4012	0.877			
Pure Premium Present on Rate Level		35%	0.4903	28%	0.3846	0.875			
Pure Premium Derived by Formula		0.4911		0.3865		0.878			

CLASS 4420		RUBBER TIRE MFG							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	282,253,213	6	642,270	63	2,058,678	366,699	1,149,084	4,216,731	1.494
1/20 through 12/20	279,294,871	7	211,465	39	914,735	87,212	827,037	2,040,449	0.731
1/21 through 12/21	318,426,077	11	438,360	67	1,669,842	235,045	1,430,202	3,773,449	1.185
1/22 through 12/22	342,909,917	12	379,218	68	1,839,849	166,727	1,853,630	4,239,424	1.236
1/23 through 12/23	339,142,055	3	105,778	51	2,086,472	34,336	1,224,879	3,451,465	1.018
5 YR. TOTAL	1,562,026,133	39	1,777,091	288	8,569,576	890,019	6,484,832	17,721,518	1.135
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		47%	0.6624	65%	0.4721	1.135			
Pure Premium Indicated by National Relativity		26%	0.6155	17%	0.4477	1.063			
Pure Premium Present on Rate Level		27%	0.6703	18%	0.4766	1.147			
Pure Premium Derived by Formula		0.6523		0.4688		1.121			

CLASS 4431		MAGNETIC AND OPTICAL RECORDING MEDIA MFG.							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,549,197	0	0	0	0	0	0	0	0.000
1/20 through 12/20	407,779	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,116,933	0	0	0	0	0	0	0	0.000
1/22 through 12/22	1,416,936	0	0	2	26,099	0	146,699	172,798	12.195
1/23 through 12/23	2,646,258	0	0	1	11,952	0	2,802	14,754	0.558
5 YR. TOTAL	7,137,103	0	0	3	38,051	0	149,501	187,552	2.628
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.5331	3%	2.0947	2.628			
Pure Premium Indicated by National Relativity		13%	0.6366	14%	0.2525	0.889			
Pure Premium Present on Rate Level		85%	0.1964	83%	0.2254	0.422			
Pure Premium Derived by Formula		0.2604		0.2853		0.546			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4432	PEN MFG								
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	7,930,935	0	0	1	12,794	0	22,255	35,049	0.442
1/20 through 12/20	878,742	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,253,768	0	0	0	0	0	666	666	0.053
1/22 through 12/22	14,635,051	1	21,006	4	44,837	21,600	56,164	143,607	0.981
1/23 through 12/23	631,659	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	25,330,155	1	21,006	5	57,631	21,600	79,085	179,322	0.708
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		4%	0.3104	6%		0.3975		0.708	
Pure Premium Indicated by National Relativity		14%	0.3261	15%		0.2764		0.603	
Pure Premium Present on Rate Level		82%	0.2525	79%		0.2287		0.481	
Pure Premium Derived by Formula			0.2651			0.2460		0.511	

CLASS 4452	PLASTICS MFG: FABRICATED PRODUCTS NOC								
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	141,996,314	3	26,509	31	421,564	16,926	480,329	945,328	0.666
1/20 through 12/20	161,134,579	5	159,368	31	599,782	129,156	326,645	1,214,951	0.754
1/21 through 12/21	197,565,347	1	29,193	36	966,158	7,115	873,892	1,876,358	0.950
1/22 through 12/22	215,143,398	2	163,599	33	610,115	18,315	929,342	1,721,371	0.800
1/23 through 12/23	212,388,464	5	242,935	27	719,387	126,026	596,210	1,684,558	0.793
5 YR. TOTAL	928,228,102	16	621,604	158	3,317,006	297,538	3,206,418	7,442,566	0.802
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		29%	0.4243	44%		0.3775		0.802	
Pure Premium Indicated by National Relativity		35%	0.3833	28%		0.3350		0.718	
Pure Premium Present on Rate Level		36%	0.4226	28%		0.3650		0.788	
Pure Premium Derived by Formula			0.4093			0.3621		0.771	

CLASS 4459	PLASTICS MFG: SHEETS, RODS, OR TUBES								
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	227,200,205	12	152,146	49	901,863	98,813	863,290	2,016,112	0.887
1/20 through 12/20	248,687,615	5	83,598	52	895,143	103,507	1,103,398	2,185,646	0.879
1/21 through 12/21	282,108,507	11	657,752	57	1,653,367	370,930	935,811	3,617,860	1.282
1/22 through 12/22	309,415,655	2	79,781	44	1,480,625	52,286	945,410	2,558,102	0.827
1/23 through 12/23	347,832,269	9	520,524	48	1,723,440	791,377	1,340,704	4,376,045	1.258
5 YR. TOTAL	1,415,244,251	39	1,493,801	250	6,654,438	1,416,913	5,188,613	14,753,765	1.042
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		38%	0.5757	58%		0.4667		1.042	
Pure Premium Indicated by National Relativity		31%	0.4905	21%		0.3948		0.885	
Pure Premium Present on Rate Level		31%	0.4806	21%		0.4120		0.893	
Pure Premium Derived by Formula			0.5198			0.4401		0.960	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4470		CABLE MFG-INSULATED ELECTRICAL							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	108,468,741	0	0	9	238,724	0	192,373	431,097	0.398
1/20 through 12/20	118,118,799	7	603,841	13	728,116	411,189	338,069	2,081,215	1.762
1/21 through 12/21	128,714,145	1	41,078	21	520,924	332,231	366,712	1,260,945	0.980
1/22 through 12/22	85,829,148	2	71,577	17	659,340	35,499	326,877	1,093,293	1.274
1/23 through 12/23	85,428,604	0	0	9	269,038	0	164,546	433,584	0.508
5 YR. TOTAL	526,559,437	10	716,496	69	2,416,142	778,919	1,388,577	5,300,134	1.007
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		22%	0.5949	33%	0.4116	1.007			
Pure Premium Indicated by National Relativity		39%	0.4025	33%	0.2912	0.694			
Pure Premium Present on Rate Level		39%	0.4350	34%	0.3557	0.791			
Pure Premium Derived by Formula		0.4575		0.3529		0.810			

CLASS 4484		PLASTICS MANUFACTURING: MOLDED PRODUCTS NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	668,213,213	16	703,803	126	1,613,436	697,091	1,505,736	4,520,066	0.677
1/20 through 12/20	721,187,362	24	956,379	119	2,044,950	908,667	1,809,715	5,719,711	0.793
1/21 through 12/21	877,423,028	12	479,933	148	3,874,624	624,372	2,938,637	7,917,566	0.902
1/22 through 12/22	969,370,004	19	691,875	126	2,971,397	479,468	2,291,017	6,433,757	0.664
1/23 through 12/23	928,093,735	22	1,160,100	84	1,848,800	722,516	1,733,570	5,464,986	0.589
5 YR. TOTAL	4,164,287,342	93	3,992,090	603	12,353,207	3,432,114	10,278,675	30,056,086	0.722
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		61%	0.3925	95%	0.3292	0.722			
Pure Premium Indicated by National Relativity		19%	0.4287	2%	0.3601	0.789			
Pure Premium Present on Rate Level		20%	0.4184	3%	0.3812	0.800			
Pure Premium Derived by Formula		0.4046		0.3314		0.736			

CLASS 4493		FABRIC COATING OR IMPREGNATING NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	27,445,079	0	0	6	44,350	0	97,398	141,748	0.517
1/20 through 12/20	24,291,353	0	0	3	14,701	0	39,782	54,483	0.224
1/21 through 12/21	25,326,742	0	0	7	56,035	0	66,088	122,123	0.482
1/22 through 12/22	46,704,986	0	0	6	79,711	0	103,903	183,614	0.393
1/23 through 12/23	52,130,381	0	0	5	252,027	0	181,080	433,107	0.831
5 YR. TOTAL	175,898,541	0	0	27	446,824	0	488,251	935,075	0.532
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.2540	17%	0.2776	0.532			
Pure Premium Indicated by National Relativity		22%	0.3704	24%	0.2578	0.628			
Pure Premium Present on Rate Level		67%	0.3307	59%	0.2979	0.629			
Pure Premium Derived by Formula		0.3310		0.2848		0.616			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4511		ANALYTICAL LABORATORIES OR ASSAYING - INCLUDING LABORATORY, OUTSIDE EMPLOYEES, COLLECTORS OF SAMPLES, & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,002,294,809	4	276,687	17	280,244	87,118	365,227	1,009,276	0.101
1/20 through 12/20	1,242,775,042	4	237,487	29	616,757	154,278	584,693	1,593,215	0.128
1/21 through 12/21	1,479,233,054	12	576,035	24	285,700	401,298	380,608	1,643,641	0.111
1/22 through 12/22	1,457,207,684	7	631,096	24	839,066	378,031	725,346	2,573,539	0.177
1/23 through 12/23	1,446,471,580	10	408,131	17	506,213	215,289	600,335	1,729,968	0.120
5 YR. TOTAL	6,627,982,169	37	2,129,436	111	2,527,980	1,236,014	2,656,209	8,549,639	0.129
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		33%	0.0703	49%		0.0587		0.129	
Pure Premium Indicated by National Relativity		33%	0.0965	25%		0.0856		0.182	
Pure Premium Present on Rate Level		34%	0.0759	26%		0.0652		0.141	
Pure Premium Derived by Formula			0.0809			0.0671		0.148	

CLASS 4557		INK MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	74,720,571	3	211,607	7	70,005	72,473	109,009	463,094	0.620
1/20 through 12/20	73,035,116	2	33,027	13	193,823	124,399	354,954	706,203	0.967
1/21 through 12/21	74,524,899	2	179,617	10	102,834	48,665	146,178	477,294	0.640
1/22 through 12/22	73,382,313	1	26,286	16	274,095	19,740	293,011	613,132	0.836
1/23 through 12/23	68,318,128	2	232,394	3	80,775	140,254	91,856	545,279	0.798
5 YR. TOTAL	363,981,027	10	682,931	49	721,532	405,531	995,008	2,805,002	0.771
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		18%	0.3859	28%		0.3848		0.771	
Pure Premium Indicated by National Relativity		41%	0.5041	36%		0.4286		0.933	
Pure Premium Present on Rate Level		41%	0.4354	36%		0.3645		0.800	
Pure Premium Derived by Formula			0.4547			0.3933		0.848	

CLASS 4558		PAINT MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	66,167,643	0	0	10	221,442	0	148,757	370,199	0.560
1/20 through 12/20	71,940,107	4	140,922	5	164,860	54,038	125,799	485,619	0.675
1/21 through 12/21	86,425,478	3	212,983	8	100,767	91,255	89,614	494,619	0.572
1/22 through 12/22	95,908,303	1	133,022	18	538,204	86,570	223,311	981,107	1.023
1/23 through 12/23	96,795,480	0	0	15	262,333	0	230,732	493,065	0.509
5 YR. TOTAL	417,237,011	8	486,927	56	1,287,606	231,863	818,213	2,824,609	0.677
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		19%	0.4253	26%		0.2517		0.677	
Pure Premium Indicated by National Relativity		40%	0.3994	37%		0.2741		0.674	
Pure Premium Present on Rate Level		41%	0.3921	37%		0.2756		0.668	
Pure Premium Derived by Formula			0.4013			0.2688		0.670	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4568		SALT BORAX OR POTASH PRODUCING OR REFINING & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,324,563	1	9,410	2	1,213	10,375	15,181	36,179	2.731
1/20 through 12/20	1,433,779	0	0	0	0	0	2,301	2,301	0.161
1/21 through 12/21	517,130	0	0	0	0	0	0	0	0.000
1/22 through 12/22	106,717	0	0	0	0	0	0	0	0.000
1/23 through 12/23	140,360	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	3,522,549	1	9,410	2	1,213	10,375	17,482	38,480	1.092
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.3016	3%	0.7908	1.092			
Pure Premium Indicated by National Relativity		20%	0.4356	21%	0.3366	0.772			
Pure Premium Present on Rate Level		78%	0.4602	76%	0.3626	0.823			
Pure Premium Derived by Formula			0.4521		0.3700	0.822			

CLASS 4581		PHOSPHATE WORKS & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	89,206,060	1	13,997	0	0	0	26,648	40,645	0.046
1/20 through 12/20	95,522,491	0	0	1	7,182	0	52,462	59,644	0.062
1/21 through 12/21	95,410,423	0	0	0	0	0	0	0	0.000
1/22 through 12/22	104,697,618	0	0	2	252,440	0	92,878	345,318	0.330
1/23 through 12/23	108,354,565	0	0	0	0	0	904	904	0.001
5 YR. TOTAL	493,191,157	1	13,997	3	259,622	0	172,892	446,511	0.091
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.0555	19%	0.0351	0.091			
Pure Premium Indicated by National Relativity		15%	0.3009	16%	0.1884	0.489			
Pure Premium Present on Rate Level		74%	0.1219	65%	0.1266	0.249			
Pure Premium Derived by Formula			0.1414		0.1191	0.261			

CLASS 4583		FERTILIZER MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	21,957,034	2	168,516	5	143,566	86,639	124,672	523,393	2.384
1/20 through 12/20	20,302,397	1	3,574	5	36,437	0	85,235	125,246	0.617
1/21 through 12/21	23,724,912	0	0	5	31,647	0	159,810	191,457	0.807
1/22 through 12/22	24,044,821	0	0	3	208,081	0	220,455	428,536	1.782
1/23 through 12/23	26,951,101	0	0	4	40,866	0	107,923	148,789	0.552
5 YR. TOTAL	116,980,265	3	172,090	22	460,597	86,639	698,095	1,417,421	1.212
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	0.5408	23%	0.6708	1.212			
Pure Premium Indicated by National Relativity		39%	0.6072	38%	0.5436	1.151			
Pure Premium Present on Rate Level		47%	0.7307	39%	0.7734	1.504			
Pure Premium Derived by Formula			0.6559		0.6625	1.318			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4611		DRUG, MEDICINE OR PHARMACEUTICAL PREPARATION, COMPOUNDING, OR BLENDING-NO MFG OF INGREDIENTS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	545,150,556	4	219,489	28	439,615	82,524	427,952	1,169,580	0.215
1/20 through 12/20	743,866,326	8	540,227	31	423,743	96,196	494,784	1,554,950	0.209
1/21 through 12/21	761,500,763	8	283,818	41	1,187,454	203,053	1,187,232	2,861,557	0.376
1/22 through 12/22	874,830,867	11	1,300,460	37	988,234	665,636	551,564	3,505,894	0.401
1/23 through 12/23	925,250,144	10	308,734	27	804,532	217,022	793,665	2,123,953	0.230
5 YR. TOTAL	3,850,598,656	41	2,652,728	164	3,843,578	1,264,431	3,455,197	11,215,934	0.291
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		38%	0.1687	54%	0.1226	0.291			
Pure Premium Indicated by National Relativity		31%	0.1886	23%	0.1614	0.350			
Pure Premium Present on Rate Level		31%	0.1717	23%	0.1328	0.305			
Pure Premium Derived by Formula			0.1758		0.1339	0.310			

CLASS 4635		OXYGEN OR HYDROGEN MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	65,895,301	1	4,737	6	364,541	919	263,214	633,411	0.961
1/20 through 12/20	55,755,438	2	102,859	8	129,547	52,041	155,319	439,766	0.789
1/21 through 12/21	63,450,245	7	522,232	7	179,280	468,861	450,196	1,620,569	2.554
1/22 through 12/22	69,328,548	3	86,605	9	210,084	62,331	224,924	583,944	0.842
1/23 through 12/23	86,803,238	0	0	7	655,672	0	283,527	939,199	1.082
5 YR. TOTAL	341,232,770	13	716,433	37	1,539,124	584,152	1,377,180	4,216,889	1.236
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	0.6610	31%	0.5748	1.236			
Pure Premium Indicated by National Relativity		40%	0.5629	34%	0.4386	1.002			
Pure Premium Present on Rate Level		40%	0.5208	35%	0.4795	1.000			
Pure Premium Derived by Formula			0.5657		0.4951	1.061			

CLASS 4653		GLUE MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	17,393,006	1	16,687	5	94,587	2,703	51,707	165,684	0.953
1/20 through 12/20	16,601,133	1	9,270	1	59	5,908	13,201	28,438	0.171
1/21 through 12/21	18,450,312	2	207,560	3	292,194	84,116	191,786	775,656	4.204
1/22 through 12/22	19,585,351	0	0	2	71,996	0	47,698	119,694	0.611
1/23 through 12/23	19,820,810	1	56,528	4	92,476	50,535	91,555	291,094	1.469
5 YR. TOTAL	91,850,612	5	290,045	15	551,312	143,262	395,947	1,380,566	1.503
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.9160	14%	0.5870	1.503			
Pure Premium Indicated by National Relativity		13%	0.4768	14%	0.2539	0.731			
Pure Premium Present on Rate Level		77%	0.4812	72%	0.3866	0.868			
Pure Premium Derived by Formula			0.5241		0.3961	0.920			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4665		RENDERING WORKS NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	39,009,875	4	429,291	15	483,985	610,694	333,744	1,857,714	4.762
1/20 through 12/20	39,472,826	2	355,291	19	685,464	128,948	809,034	1,978,737	5.013
1/21 through 12/21	40,530,176	1	14,719	14	1,403,953	21,742	431,943	1,872,357	4.620
1/22 through 12/22	57,476,197	2	218,509	13	613,994	82,206	286,763	1,201,472	2.090
1/23 through 12/23	32,925,906	2	139,962	7	1,000,677	143,284	300,038	1,583,961	4.811
5 YR. TOTAL	209,414,980	11	1,157,772	68	4,188,073	986,874	2,161,522	8,494,241	4.056
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		26%	2.5528	39%	1.5034	4.056			
Pure Premium Indicated by National Relativity		37%	1.0210	30%	0.8984	1.919			
Pure Premium Present on Rate Level		37%	1.5085	31%	1.2925	2.801			
Pure Premium Derived by Formula			1.5996		1.2565	2.856			

CLASS 4683		OIL MFG-VEGETABLE-NOC							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	5,077,806	1	93,374	0	0	24,819	787	118,980	2.343
1/20 through 12/20	987,909	0	0	0	0	0	1,680	1,680	0.170
1/21 through 12/21	1,255,557	0	0	0	0	0	663	663	0.053
1/22 through 12/22	787,559	0	0	0	0	0	0	0	0.000
1/23 through 12/23	972,696	1	213,855	0	0	61,981	0	275,836	28.358
5 YR. TOTAL	9,081,527	2	307,229	0	0	86,800	3,130	397,159	4.373
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	3.3830	5%	0.9902	4.373			
Pure Premium Indicated by National Relativity		23%	0.7458	25%	0.5451	1.291			
Pure Premium Present on Rate Level		73%	0.7274	70%	0.5357	1.263			
Pure Premium Derived by Formula			0.8379		0.5608	1.399			

CLASS 4686		OIL MFG - VEGETABLE - SOLVENT EXTRACTION PROCESS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	17,122,872	0	0	0	0	0	0	0	0.000
1/20 through 12/20	14,130,040	0	0	0	0	0	1,779	1,779	0.013
1/21 through 12/21	15,491,157	0	0	1	132,797	0	124,587	257,384	1.661
1/22 through 12/22	14,918,942	0	0	1	444	0	17,430	17,874	0.120
1/23 through 12/23	17,222,788	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	78,885,799	0	0	2	133,241	0	143,796	277,037	0.351
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	0.1689	11%	0.1823	0.351			
Pure Premium Indicated by National Relativity		21%	0.4483	22%	0.3922	0.841			
Pure Premium Present on Rate Level		71%	0.3743	67%	0.2876	0.662			
Pure Premium Derived by Formula			0.3734		0.2990	0.672			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4692		DENTAL LABORATORY							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	34,614,478	0	0	0	0	0	1,365	1,365	0.004
1/20 through 12/20	32,937,471	0	0	4	3,866	0	22,227	26,093	0.079
1/21 through 12/21	40,080,088	0	0	1	2,495	0	6,796	9,291	0.023
1/22 through 12/22	46,683,514	1	66,957	0	0	52,085	2,886	121,928	0.261
1/23 through 12/23	48,556,793	0	0	1	12,349	0	11,382	23,731	0.049
5 YR. TOTAL	202,872,344	1	66,957	6	18,710	52,085	44,656	182,408	0.090
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.0422	10%	0.0477	0.090			
Pure Premium Indicated by National Relativity		24%	0.1101	26%	0.0918	0.202			
Pure Premium Present on Rate Level		69%	0.1203	64%	0.0944	0.215			
Pure Premium Derived by Formula		0.1124		0.0891		0.202			

CLASS 4693		PHARMACEUTICAL OR SURGICAL GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	140,332,486	0	0	8	48,162	0	57,379	105,541	0.075
1/20 through 12/20	133,942,398	0	0	7	166,713	0	156,966	323,679	0.242
1/21 through 12/21	188,372,421	4	165,420	11	249,402	208,048	226,865	849,735	0.451
1/22 through 12/22	183,348,087	1	63,119	9	74,463	16,324	93,597	247,503	0.135
1/23 through 12/23	160,692,885	3	208,686	10	269,699	115,670	200,766	794,821	0.495
5 YR. TOTAL	806,688,277	8	437,225	45	808,439	340,042	735,573	2,321,279	0.288
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.1544	25%	0.1333	0.288			
Pure Premium Indicated by National Relativity		41%	0.2462	37%	0.1637	0.410			
Pure Premium Present on Rate Level		42%	0.1739	38%	0.1351	0.309			
Pure Premium Derived by Formula		0.2002		0.1452		0.345			

CLASS 4703		CORN PRODUCTS MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	6,838,596	1	274,849	0	0	118,018	3,011	395,878	5.789
1/20 through 12/20	7,078,105	0	0	0	0	0	0	0	0.000
1/21 through 12/21	7,588,089	0	0	1	170,482	0	58,245	228,727	3.014
1/22 through 12/22	5,010,108	0	0	0	0	0	306	306	0.006
1/23 through 12/23	9,308,415	0	0	0	0	0	830	830	0.009
5 YR. TOTAL	35,823,313	1	274,849	1	170,482	118,018	62,392	625,741	1.747
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	1.2431	7%	0.5036	1.747			
Pure Premium Indicated by National Relativity		26%	0.2753	28%	0.2012	0.477			
Pure Premium Present on Rate Level		69%	0.3377	65%	0.2338	0.572			
Pure Premium Derived by Formula		0.3667		0.2436		0.610			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4717		BUTTER SUBSTITUTE MFG							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	609,104	0	0	0	0	0	1,112	1,112	0.183
1/23 through 12/23	568,155	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	1,177,259	0	0	0	0	0	1,112	1,112	0.095
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.0000	1%	0.0945	0.095			
Pure Premium Indicated by National Relativity		12%	0.4616	13%	0.2131	0.675			
Pure Premium Present on Rate Level		87%	0.3489	86%	0.3212	0.670			
Pure Premium Derived by Formula		0.3589		0.3049		0.664			

CLASS 4720		SOAP OR SYNTHETIC DETERGENT MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	49,711,492	1	6,137	3	66,933	7,166	42,287	122,523	0.247
1/20 through 12/20	57,360,601	0	0	4	12,733	0	29,239	41,972	0.073
1/21 through 12/21	61,592,653	2	231,931	10	194,793	241,256	178,429	846,409	1.374
1/22 through 12/22	74,517,538	2	194,045	16	259,853	40,041	238,634	732,573	0.983
1/23 through 12/23	80,259,727	2	116,566	11	252,192	25,503	222,667	616,928	0.769
5 YR. TOTAL	323,442,011	7	548,679	44	786,504	313,966	711,256	2,360,405	0.730
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.4128	24%	0.3170	0.730			
Pure Premium Indicated by National Relativity		41%	0.4193	38%	0.3706	0.790			
Pure Premium Present on Rate Level		43%	0.3591	38%	0.3134	0.673			
Pure Premium Derived by Formula		0.3924		0.3360		0.728			

CLASS 4740		OIL REFINING-PETROLEUM-& DRIVERS							
Industry Group: Manufacturing Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	12,008,025	0	0	3	22,688	0	49,556	72,244	0.602
1/20 through 12/20	12,996,534	1	13,807	2	30,635	3,385	18,888	66,715	0.513
1/21 through 12/21	15,067,836	0	0	6	286,125	0	149,728	435,853	2.893
1/22 through 12/22	13,854,862	0	0	6	274,520	0	113,741	388,261	2.802
1/23 through 12/23	18,734,697	0	0	3	312,836	0	483,463	796,299	4.250
5 YR. TOTAL	72,661,954	1	13,807	20	926,804	3,385	815,376	1,759,372	2.421
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	1.2945	9%	1.1268	2.421			
Pure Premium Indicated by National Relativity		41%	0.1402	44%	0.1120	0.252			
Pure Premium Present on Rate Level		53%	0.2134	47%	0.2041	0.418			
Pure Premium Derived by Formula		0.2483		0.2466		0.495			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4741		ASPHALT OR TAR DISTILLING OR REFINING & DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	17,735,858	0	0	0	0	0	386	386	0.002
1/20 through 12/20	19,576,911	0	0	1	31,586	0	24,944	56,530	0.289
1/21 through 12/21	19,420,235	0	0	1	15,804	0	8,017	23,821	0.123
1/22 through 12/22	20,905,422	0	0	2	85,475	0	44,752	130,227	0.623
1/23 through 12/23	24,919,802	0	0	0	0	0	1,648	1,648	0.007
5 YR. TOTAL	102,558,228	0	0	4	132,865	0	79,747	212,612	0.207
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.1296	15%	0.0778	0.207			
Pure Premium Indicated by National Relativity		20%	0.7555	22%	0.6422	1.398			
Pure Premium Present on Rate Level		70%	0.4936	63%	0.3710	0.865			
Pure Premium Derived by Formula		0.5096		0.3867		0.896			

CLASS 4751		SYNTHETIC RUBBER MFG							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	32,389,946	1	912	13	414,560	9,420	489,933	914,825	2.824
1/20 through 12/20	25,630,913	2	135,812	11	413,868	49,117	408,597	1,007,394	3.930
1/21 through 12/21	26,463,202	1	26,559	5	46,296	7,933	112,275	193,063	0.730
1/22 through 12/22	33,209,738	2	57,937	6	237,253	47,055	134,262	476,507	1.435
1/23 through 12/23	28,468,665	1	58,454	6	193,801	11,432	228,727	492,414	1.730
5 YR. TOTAL	146,162,464	7	279,674	41	1,305,778	124,957	1,373,794	3,084,203	2.110
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	1.0847	26%	1.0254	2.110			
Pure Premium Indicated by National Relativity		18%	0.3009	19%	0.2837	0.585			
Pure Premium Present on Rate Level		68%	0.6578	55%	0.8041	1.462			
Pure Premium Derived by Formula		0.6533		0.7628		1.416			

CLASS 4771		EXPLOSIVES OR AMMUNITION MFG: NOC & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	4,008,139	0	0	4	79,058	0	42,150	121,208	3.024
1/20 through 12/20	3,787,999	0	0	0	0	0	400	400	0.011
1/21 through 12/21	5,723,203	0	0	0	0	0	0	0	0.000
1/22 through 12/22	6,094,910	0	0	0	0	0	8,519	8,519	0.140
1/23 through 12/23	5,855,818	0	0	0	0	0	2,553	2,553	0.044
5 YR. TOTAL	25,470,069	0	0	4	79,058	0	53,622	132,680	0.521
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.3104	7%	0.2105	0.521			
Pure Premium Indicated by National Relativity		32%	0.4156	34%	0.3540	0.770			
Pure Premium Present on Rate Level		63%	0.4658	59%	0.3220	0.788			
Pure Premium Derived by Formula		0.4420		0.3251		0.767			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4777		EXPLOSIVES DISTRIBUTORS & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	3,248,730	0	0	0	0	0	409	409	0.013
1/20 through 12/20	3,217,865	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,531,660	0	0	0	0	0	11,108	11,108	0.725
1/22 through 12/22	1,685,874	1	68,223	0	0	34,072	0	102,295	6.068
1/23 through 12/23	1,758,868	0	0	0	0	0	757	757	0.043
5 YR. TOTAL	11,442,997	1	68,223	0	0	34,072	12,274	114,569	1.001
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.5962	6%	0.4050	1.001			
Pure Premium Indicated by National Relativity		11%	1.3568	12%	1.1991	2.556			
Pure Premium Present on Rate Level		85%	0.5619	82%	0.5506	1.113			
Pure Premium Derived by Formula			0.6507		0.6197	1.270			

CLASS 4825		DRUG, MEDICINE OR PHARMACEUTICAL PREPARATION MFG & INCLUDES MFG OF INGREDIENTS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	708,866,096	7	364,791	37	962,856	190,125	706,699	2,224,471	0.314
1/20 through 12/20	795,038,111	3	44,575	34	935,216	25,451	801,025	1,806,267	0.227
1/21 through 12/21	851,029,416	3	155,897	23	316,282	85,969	458,866	1,017,014	0.120
1/22 through 12/22	951,465,185	7	366,848	30	1,050,218	209,454	864,238	2,490,758	0.262
1/23 through 12/23	1,258,786,797	4	262,718	25	752,578	177,917	936,237	2,129,450	0.169
5 YR. TOTAL	4,565,185,605	24	1,194,829	149	4,017,150	688,916	3,767,065	9,667,960	0.212
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		41%	0.1142	57%	0.0976	0.212			
Pure Premium Indicated by National Relativity		29%	0.2100	21%	0.1784	0.388			
Pure Premium Present on Rate Level		30%	0.1720	22%	0.1251	0.297			
Pure Premium Derived by Formula			0.1593		0.1206	0.280			

CLASS 4828		CHEMICAL BLENDING AND MIXING NOC-ALL OPERATIONS & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	127,925,118	0	0	12	237,560	0	222,635	460,195	0.360
1/20 through 12/20	126,390,778	0	0	10	194,392	0	200,028	394,420	0.312
1/21 through 12/21	122,212,015	2	19,613	15	328,334	12,607	259,860	620,414	0.508
1/22 through 12/22	124,926,822	3	432,485	11	117,385	181,735	181,311	912,916	0.731
1/23 through 12/23	139,452,887	1	352,823	8	197,012	108,852	139,186	797,873	0.572
5 YR. TOTAL	640,907,620	6	804,921	56	1,074,683	303,194	1,003,020	3,185,818	0.497
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		22%	0.2933	31%	0.2038	0.497			
Pure Premium Indicated by National Relativity		39%	0.3526	34%	0.3103	0.663			
Pure Premium Present on Rate Level		39%	0.3365	35%	0.2644	0.601			
Pure Premium Derived by Formula			0.3333		0.2612	0.595			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 4829		CHEMICAL MANUFACTURING NOC-ALL OPERATIONS & DRIVERS							
Industry Group: Manufacturing Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	256,932,618	7	131,829	25	518,885	278,817	585,010	1,514,541	0.590
1/20 through 12/20	262,630,921	12	165,490	13	120,037	65,667	200,732	551,926	0.210
1/21 through 12/21	274,830,893	1	10,556	18	791,544	6,579	639,078	1,447,757	0.527
1/22 through 12/22	313,009,050	2	71,875	17	435,786	54,957	364,748	927,366	0.296
1/23 through 12/23	359,953,435	1	21,057	17	794,331	6,853	630,185	1,452,426	0.404
5 YR. TOTAL	1,467,356,917	23	400,807	90	2,660,583	412,873	2,419,753	5,894,016	0.402
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		26%	0.2086	39%	0.1930	0.402			
Pure Premium Indicated by National Relativity		37%	0.2440	30%	0.1761	0.420			
Pure Premium Present on Rate Level		37%	0.2205	31%	0.1803	0.401			
Pure Premium Derived by Formula		0.2261		0.1840		0.410			

CLASS 4902		SPORTING GOODS MFG NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	9,739,907	0	0	2	49,176	0	52,010	101,186	1.039
1/20 through 12/20	8,751,978	1	30,515	2	19,718	17,147	19,600	86,980	0.994
1/21 through 12/21	7,918,212	1	30,501	0	0	25,057	331	55,889	0.706
1/22 through 12/22	7,800,219	0	0	1	3,486	0	1,728	5,214	0.067
1/23 through 12/23	9,424,802	0	0	1	9,263	0	3,169	12,432	0.132
5 YR. TOTAL	43,635,118	2	61,016	6	81,643	42,204	76,838	261,701	0.600
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.3269	9%	0.2728	0.600			
Pure Premium Indicated by National Relativity		36%	0.3808	39%	0.3441	0.725			
Pure Premium Present on Rate Level		59%	0.3130	52%	0.3218	0.635			
Pure Premium Derived by Formula		0.3381		0.3261		0.664			

CLASS 4923		PHOTOGRAPHIC SUPPLIES MFG							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	5,470,135	0	0	0	0	0	576	576	0.011
1/20 through 12/20	5,570,123	0	0	0	0	0	195	195	0.004
1/21 through 12/21	7,534,523	0	0	0	0	0	726	726	0.010
1/22 through 12/22	8,237,726	0	0	0	0	0	1,638	1,638	0.020
1/23 through 12/23	6,812,203	0	0	0	0	0	3,900	3,900	0.057
5 YR. TOTAL	33,624,710	0	0	0	0	0	7,035	7,035	0.021
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.0000	6%	0.0209	0.021			
Pure Premium Indicated by National Relativity		15%	0.3053	16%	0.3481	0.653			
Pure Premium Present on Rate Level		81%	0.1899	78%	0.1918	0.382			
Pure Premium Derived by Formula		0.1996		0.2066		0.406			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5020	CEILING INSTALLATION-SUSPENDED ACOUSTICAL GRID TYPE								
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	10,893,728	0	0	3	60,288	0	88,560	148,848	1.366
1/20 through 12/20	13,777,867	0	0	2	43,079	0	87,237	130,316	0.946
1/21 through 12/21	11,643,521	0	0	4	155,682	0	71,016	226,698	1.947
1/22 through 12/22	14,887,747	0	0	4	62,772	0	82,644	145,416	0.977
1/23 through 12/23	11,889,603	0	0	3	232,946	0	149,389	382,335	3.216
5 YR. TOTAL	63,092,466	0	0	16	554,767	0	478,846	1,033,613	1.638
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		12%	0.8793	16%		0.7590		1.638	
Pure Premium Indicated by National Relativity		27%	1.3560	29%		0.7944		2.150	
Pure Premium Present on Rate Level		61%	0.9897	55%		0.7098		1.700	
Pure Premium Derived by Formula			1.0754			0.7422		1.818	

CLASS 5022	MASONRY NOC								
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	205,652,368	16	1,315,074	49	1,365,269	1,898,960	1,110,818	5,690,121	2.767
1/20 through 12/20	196,918,591	18	657,568	46	1,647,144	1,890,615	1,289,561	5,484,888	2.785
1/21 through 12/21	213,999,540	10	410,683	54	1,736,022	352,930	1,895,219	4,394,854	2.054
1/22 through 12/22	245,446,121	6	542,361	55	2,805,842	845,598	1,881,212	6,075,013	2.475
1/23 through 12/23	288,134,411	6	722,161	48	2,174,439	614,854	1,650,543	5,161,997	1.792
5 YR. TOTAL	1,150,151,031	56	3,647,847	252	9,728,716	5,602,957	7,827,353	26,806,873	2.331
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		56%	1.1630	89%		1.1677		2.331	
Pure Premium Indicated by National Relativity		22%	1.4038	5%		1.0822		2.486	
Pure Premium Present on Rate Level		22%	1.2597	6%		1.1893		2.449	
Pure Premium Derived by Formula			1.2373			1.1647		2.402	

CLASS 5037	PAINTING: METAL STRUCTURES-OVER TWO STORIES IN HEIGHT-& DRIVERS								
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,394,290	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,110,787	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,072,627	0	0	1	9,387	0	2,332	11,719	1.093
1/22 through 12/22	1,266,708	0	0	0	0	0	0	0	0.000
1/23 through 12/23	1,904,731	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	6,749,143	0	0	1	9,387	0	2,332	11,719	0.174
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		5%	0.1391	6%		0.0345		0.174	
Pure Premium Indicated by National Relativity		17%	1.6471	18%		0.8855		2.533	
Pure Premium Present on Rate Level		78%	1.5789	76%		1.0176		2.597	
Pure Premium Derived by Formula			1.5185			0.9348		2.453	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5040		IRON OR STEEL: ERECTION-FRAME STRUCTURES							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	40,899,007	5	370,827	9	167,908	270,784	251,443	1,060,962	2.594
1/20 through 12/20	33,308,923	1	107,920	10	583,190	38,478	742,518	1,472,106	4.420
1/21 through 12/21	36,167,976	3	351,442	7	92,099	261,101	99,289	803,931	2.223
1/22 through 12/22	51,310,051	1	244,933	9	268,738	139,005	264,275	916,951	1.787
1/23 through 12/23	68,946,584	0	0	19	1,782,581	0	718,415	2,500,996	3.628
5 YR. TOTAL	230,632,541	10	1,075,122	54	2,894,516	709,368	2,075,940	6,754,946	2.929
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		26%	1.7212		38%	1.2077		2.929	
Pure Premium Indicated by National Relativity		37%	1.5144		31%	1.1656		2.680	
Pure Premium Present on Rate Level		37%	1.3175		31%	1.0777		2.395	
Pure Premium Derived by Formula		1.4953			1.1543			2.650	

CLASS 5057		IRON OR STEEL: ERECTION NOC							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	27,279,901	1	149,286	5	106,409	330,611	114,227	700,533	2.568
1/20 through 12/20	25,070,317	1	120,907	4	341,000	44,377	71,502	577,786	2.305
1/21 through 12/21	28,337,798	0	0	1	18,965	0	65,499	84,464	0.298
1/22 through 12/22	30,909,599	0	0	5	204,089	0	177,030	381,119	1.233
1/23 through 12/23	43,839,866	0	0	3	273,730	0	204,511	478,241	1.091
5 YR. TOTAL	155,437,481	2	270,193	18	944,193	374,988	632,769	2,222,143	1.430
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		16%	0.7813		23%	0.6483		1.430	
Pure Premium Indicated by National Relativity		42%	0.7473		38%	0.5202		1.268	
Pure Premium Present on Rate Level		42%	0.7513		39%	0.6022		1.354	
Pure Premium Derived by Formula		0.7544			0.5816			1.336	

CLASS 5059	IRON OR STEEL: ERECTION-FRAME STRUCTURES NOT OVER TWO STORIES IN HEIGHT								
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	7,951,678	0	0	1	7,942	0	8,716	16,658	0.210
1/20 through 12/20	9,030,828	0	0	1	50,880	0	47,652	98,532	1.091
1/21 through 12/21	8,127,565	1	266,175	1	9,047	75,286	7,726	358,234	4.408
1/22 through 12/22	11,035,039	0	0	2	162,084	0	119,917	282,001	2.556
1/23 through 12/23	14,645,674	0	0	5	428,964	0	579,092	1,008,056	6.883
5 YR. TOTAL	50,790,784	1	266,175	10	658,917	75,286	763,103	1,763,481	3.472
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		16%	1.8214		24%	1.6507		3.472	
Pure Premium Indicated by National Relativity		35%	2.0986		37%	1.8644		3.963	
Pure Premium Present on Rate Level		49%	2.3236		39%	1.9642		4.288	
Pure Premium Derived by Formula		2.1645			1.8520			4.017	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5102		DOOR AND WINDOW INSTALLATION - ALL TYPES - RESIDENTIAL AND COMMERCIAL							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES						TOTAL PURE PREM.	
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	TOTAL AMOUNT	
1/19 through 12/19	83,093,217	3	86,269	34	976,841	31,009	718,008	1,812,127	2.181
1/20 through 12/20	90,822,001	4	150,259	25	465,161	163,006	556,632	1,335,058	1.470
1/21 through 12/21	104,852,921	2	267,680	30	539,914	723,636	623,989	2,155,219	2.056
1/22 through 12/22	115,950,119	5	86,083	38	1,062,805	155,074	820,953	2,124,915	1.833
1/23 through 12/23	140,556,460	4	455,050	25	687,661	153,547	604,330	1,900,588	1.352
5 YR. TOTAL	535,274,718	18	1,045,341	152	3,732,382	1,226,272	3,323,912	9,327,907	1.743
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		34%	0.8926		52%	0.8501		1.743	
Pure Premium Indicated by National Relativity		33%	1.1693		24%	0.9155		2.085	
Pure Premium Present on Rate Level		33%	1.0101		24%	0.8796		1.890	
Pure Premium Derived by Formula		1.0227			0.8729			1.896	

CLASS 5146		FURNITURE OR FIXTURES INSTALLATION-PORTABLE-NOC							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	65,883,832	1	23,688	11	252,525	32,686	352,700	661,599	1.004
1/20 through 12/20	60,912,554	1	6,154	21	651,656	3,018	656,728	1,317,556	2.163
1/21 through 12/21	64,004,898	4	110,224	18	547,257	127,790	493,480	1,278,751	1.998
1/22 through 12/22	69,029,191	1	29,006	9	231,612	12,913	159,689	433,220	0.628
1/23 through 12/23	74,788,735	3	531,030	21	498,712	204,113	476,315	1,710,170	2.287
5 YR. TOTAL	334,619,210	10	700,102	80	2,181,762	380,520	2,138,912	5,401,296	1.614
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		25%	0.8612		36%	0.7529		1.614	
Pure Premium Indicated by National Relativity		37%	0.9653		32%	0.6408		1.606	
Pure Premium Present on Rate Level		38%	0.8692		32%	0.6673		1.537	
Pure Premium Derived by Formula		0.9028			0.6896			1.592	

CLASS 5160		ELEVATOR ERECTION OR REPAIR							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	64,971,499	0	0	11	581,911	0	443,525	1,025,436	1.578
1/20 through 12/20	61,289,280	1	293,017	7	274,824	53,884	221,268	842,993	1.375
1/21 through 12/21	70,240,122	1	149,335	5	44,437	47,804	74,026	315,602	0.449
1/22 through 12/22	81,073,405	1	131,172	5	84,978	122,386	91,377	429,913	0.530
1/23 through 12/23	88,591,646	0	0	1	65,847	0	82,307	148,154	0.167
5 YR. TOTAL	366,165,952	3	573,524	29	1,051,997	224,074	912,503	2,762,098	0.754
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		20%	0.4439		26%	0.3104		0.754	
Pure Premium Indicated by National Relativity		40%	0.4357		37%	0.2889		0.725	
Pure Premium Present on Rate Level		40%	0.4944		37%	0.3210		0.815	
Pure Premium Derived by Formula		0.4608			0.3064			0.767	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5183		PLUMBING NOC & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	756,018,098	22	1,034,630	124	3,024,645	680,580	2,285,061	7,024,916	0.929
1/20 through 12/20	800,490,469	17	1,242,262	159	3,877,217	1,150,016	2,574,043	8,843,538	1.105
1/21 through 12/21	869,653,398	16	1,801,619	150	4,231,691	1,178,785	3,576,164	10,788,259	1.241
1/22 through 12/22	1,008,675,610	22	1,597,257	127	4,943,475	1,229,319	3,216,188	10,986,239	1.089
1/23 through 12/23	1,173,820,223	22	2,335,387	126	5,076,108	1,660,437	3,846,491	12,918,423	1.101
5 YR. TOTAL	4,608,657,798	99	8,011,155	686	21,153,136	5,899,137	15,497,947	50,561,375	1.097
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		78%	0.6328		100%	0.4643		1.097	
Pure Premium Indicated by National Relativity		11%	0.6597		0%	0.4698		1.130	
Pure Premium Present on Rate Level		11%	0.6098		0%	0.4502		1.060	
Pure Premium Derived by Formula		0.6332			0.4643			1.098	

CLASS 5188		AUTOMATIC SPRINKLER INSTALLATION & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	79,834,027	4	272,836	15	606,224	464,689	348,897	1,692,646	2.120
1/20 through 12/20	87,811,463	2	450,393	20	687,437	156,644	530,096	1,824,570	2.078
1/21 through 12/21	84,212,517	1	39,639	11	425,367	8,375	257,889	731,270	0.868
1/22 through 12/22	115,812,060	4	472,905	20	727,008	701,204	561,784	2,462,901	2.127
1/23 through 12/23	119,208,227	2	434,616	14	494,741	421,570	413,434	1,764,361	1.480
5 YR. TOTAL	486,878,294	13	1,670,389	80	2,940,777	1,752,482	2,112,100	8,475,748	1.741
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		28%	0.9471		43%	0.7937		1.741	
Pure Premium Indicated by National Relativity		36%	0.7980		28%	0.5958		1.394	
Pure Premium Present on Rate Level		36%	0.7440		29%	0.6523		1.396	
Pure Premium Derived by Formula		0.8203			0.6973			1.518	

CLASS 5190		ELECTRICAL WIRING-WITHIN BUILDINGS & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	
1/19 through 12/19	952,307,188	22	986,081	174	4,962,890	1,429,984	4,036,548	11,415,503	1.199
1/20 through 12/20	947,548,807	20	1,151,216	154	4,716,892	1,432,425	3,364,998	10,665,531	1.126
1/21 through 12/21	1,056,269,921	28	1,371,856	169	5,912,956	1,449,182	4,763,615	13,497,609	1.278
1/22 through 12/22	1,180,689,015	22	1,339,108	130	4,993,933	922,916	4,042,536	11,298,493	0.957
1/23 through 12/23	1,396,633,552	24	1,602,063	154	6,308,813	1,554,671	5,282,538	14,748,085	1.056
5 YR. TOTAL	5,533,448,483	116	6,450,324	781	26,895,484	6,789,178	21,490,235	61,625,221	1.114
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		84%	0.6026		100%	0.5111		1.114	
Pure Premium Indicated by National Relativity		8%	0.5355		0%	0.4354		0.971	
Pure Premium Present on Rate Level		8%	0.5873		0%	0.5007		1.088	
Pure Premium Derived by Formula		0.5960			0.5111			1.107	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5191		OFFICE MACHINE INSTALLATION, INSPECTION, ADJUSTMENT OR REPAIR							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	793,296,574	8	199,174	33	991,902	196,746	651,129	2,038,951	0.257
1/20 through 12/20	793,585,222	14	895,113	29	807,889	517,425	722,994	2,943,421	0.371
1/21 through 12/21	875,630,456	6	375,288	43	1,058,009	327,035	932,280	2,692,612	0.308
1/22 through 12/22	799,156,082	8	517,668	34	835,396	282,880	718,941	2,354,885	0.295
1/23 through 12/23	822,091,351	14	1,218,131	28	760,124	1,182,498	787,008	3,947,761	0.480
5 YR. TOTAL	4,083,759,685	50	3,205,374	167	4,453,320	2,506,584	3,812,352	13,977,630	0.342
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		40%	0.1875	56%		0.1547		0.342	
Pure Premium Indicated by National Relativity		30%	0.2027	22%		0.1500		0.353	
Pure Premium Present on Rate Level		30%	0.1837	22%		0.1373		0.321	
Pure Premium Derived by Formula			0.1909			0.1498		0.341	

CLASS 5192		VENDING OR COIN OPERATED MACHINES-INSTALLATION, SERVICE OR REPAIR & SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	98,535,184	6	478,675	15	113,201	209,195	148,283	949,354	0.964
1/20 through 12/20	78,293,622	4	380,734	19	454,974	332,011	261,402	1,429,121	1.825
1/21 through 12/21	75,707,619	6	268,368	14	233,011	106,407	259,832	867,618	1.146
1/22 through 12/22	104,965,975	1	28,884	16	718,481	40,995	520,990	1,309,350	1.247
1/23 through 12/23	116,504,580	4	474,952	30	1,033,790	164,184	469,509	2,142,435	1.839
5 YR. TOTAL	474,006,980	21	1,631,613	94	2,553,457	852,792	1,660,016	6,697,878	1.413
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		25%	0.8829	35%		0.5301		1.413	
Pure Premium Indicated by National Relativity		37%	0.6150	32%		0.4835		1.099	
Pure Premium Present on Rate Level		38%	0.6086	33%		0.4601		1.069	
Pure Premium Derived by Formula			0.6795			0.4921		1.172	

CLASS 5213		CONCRETE CONSTRUCTION NOC							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	229,651,025	4	368,031	69	2,247,841	328,433	1,801,921	4,746,226	2.067
1/20 through 12/20	227,293,210	10	539,900	49	1,021,468	761,854	928,521	3,251,743	1.431
1/21 through 12/21	251,482,709	12	580,135	57	1,990,479	501,702	1,994,328	5,066,644	2.015
1/22 through 12/22	361,410,045	16	1,012,364	66	1,924,322	971,034	1,957,866	5,865,586	1.623
1/23 through 12/23	372,041,243	10	514,787	44	1,717,469	485,504	1,401,813	4,119,573	1.107
5 YR. TOTAL	1,441,878,232	52	3,015,217	285	8,901,579	3,048,527	8,084,449	23,049,772	1.599
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		56%	0.8265	86%		0.7721		1.599	
Pure Premium Indicated by National Relativity		22%	1.0934	7%		0.8274		1.921	
Pure Premium Present on Rate Level		22%	0.9861	7%		0.8936		1.880	
Pure Premium Derived by Formula			0.9203			0.7845		1.705	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5215		CONCRETE WORK-INCIDENTAL TO THE CONSTRUCTION OF PRIVATE RESIDENCE							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	45,085,960	2	293,101	2	5,930	185,663	50,986	535,680	1.188
1/20 through 12/20	47,421,877	0	0	5	60,707	0	60,627	121,334	0.256
1/21 through 12/21	56,924,501	0	0	4	80,823	0	65,977	146,800	0.258
1/22 through 12/22	68,348,238	2	51,840	8	112,288	63,878	134,580	362,586	0.531
1/23 through 12/23	73,266,695	4	464,475	8	240,176	391,454	211,335	1,307,440	1.785
5 YR. TOTAL	291,047,271	8	809,416	27	499,924	640,995	523,505	2,473,840	0.850
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		24%	0.4499		31%	0.4001		0.850	
Pure Premium Indicated by National Relativity		38%	1.3128		34%	0.8630		2.176	
Pure Premium Present on Rate Level		38%	0.8865		35%	0.5688		1.455	
Pure Premium Derived by Formula		0.9437			0.6165			1.560	

CLASS 5221	CONCRETE OR CEMENT WORK-FLOORS, DRIVEWAYS, YARDS OR SIDEWALKS-& DRIVERS								
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	447,595,121	8	654,318	81	2,610,430	473,069	2,142,286	5,880,103	1.314
1/20 through 12/20	458,879,510	12	807,730	68	1,892,809	514,937	1,135,024	4,350,500	0.948
1/21 through 12/21	513,429,353	17	1,407,069	64	3,083,075	2,240,753	1,958,456	8,689,353	1.692
1/22 through 12/22	543,087,354	20	1,412,709	60	1,595,913	1,003,497	1,218,928	5,231,047	0.963
1/23 through 12/23	585,170,954	11	960,985	73	3,380,232	777,620	1,919,578	7,038,415	1.203
5 YR. TOTAL	2,548,162,292	68	5,242,811	346	12,562,459	5,009,876	8,374,272	31,189,418	1.224
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		62%	0.6987	91%		0.5252		1.224	
Pure Premium Indicated by National Relativity		19%	0.8645	4%		0.6532		1.518	
Pure Premium Present on Rate Level		19%	0.6914	5%		0.5647		1.256	
Pure Premium Derived by Formula		0.7288			0.5323			1.261	

CLASS 5222	CONCRETE CONSTRUCTION IN CONNECTION WITH BRIDGES OR CULVERTS								
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	72,020,283	4	50,996	25	875,998	25,912	750,824	1,703,730	2.366
1/20 through 12/20	72,495,396	0	0	18	1,313,682	0	409,451	1,723,133	2.377
1/21 through 12/21	73,613,444	2	22,277	18	1,161,826	67,807	852,037	2,103,947	2.858
1/22 through 12/22	76,372,427	3	40,438	7	790,604	47,492	322,641	1,201,175	1.573
1/23 through 12/23	83,103,552	5	356,958	11	999,246	271,231	593,241	2,220,676	2.672
5 YR. TOTAL	377,605,102	14	470,669	79	5,141,356	412,442	2,928,194	8,952,661	2.371
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		33%	1.4862		44%	0.8847		2.371	
Pure Premium Indicated by National Relativity		33%	1.3498		28%	1.0562		2.406	
Pure Premium Present on Rate Level		34%	1.3447		28%	0.8866		2.231	
Pure Premium Derived by Formula		1.3931			0.9333			2.326	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5223		SWIMMING POOL CONSTRUCTION-NOT IRON OR STEEL- & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	27,239,722	1	46,252	6	234,167	121,321	123,237	524,977	1.927
1/20 through 12/20	31,539,158	1	2,307	5	144,927	0	131,631	278,865	0.884
1/21 through 12/21	42,215,541	1	52,652	5	71,637	31,328	59,459	215,076	0.510
1/22 through 12/22	48,709,490	1	19,813	7	122,668	37,599	128,244	308,324	0.633
1/23 through 12/23	51,690,255	0	0	7	34,955	0	100,700	135,655	0.262
5 YR. TOTAL	201,394,166	4	121,024	30	608,354	190,248	543,271	1,462,897	0.726
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		18%	0.3622		25%	0.3642		0.726	
Pure Premium Indicated by National Relativity		41%	0.7973		37%	0.5330		1.330	
Pure Premium Present on Rate Level		41%	0.7084		38%	0.5508		1.259	
Pure Premium Derived by Formula		0.6825			0.4976			1.180	

CLASS 5348		CERAMIC TILE, INDOOR STONE, MARBLE, OR MOSAIC WORK							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	110,062,053	1	6,667	16	665,098	8,393	257,921	938,079	0.852
1/20 through 12/20	122,942,684	2	46,137	24	468,696	0	470,526	985,359	0.802
1/21 through 12/21	129,698,073	5	93,478	19	390,412	602,211	329,946	1,416,047	1.092
1/22 through 12/22	149,336,750	4	384,646	19	844,601	522,493	633,452	2,385,192	1.597
1/23 through 12/23	152,040,820	2	239,989	16	510,560	494,819	389,641	1,635,009	1.075
5 YR. TOTAL	664,080,380	14	770,917	94	2,879,367	1,627,916	2,081,486	7,359,686	1.108
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		32%	0.5497		46%	0.5586		1.108	
Pure Premium Indicated by National Relativity		34%	0.8673		27%	0.6007		1.468	
Pure Premium Present on Rate Level		34%	0.7042		27%	0.5379		1.242	
Pure Premium Derived by Formula		0.7102			0.5644			1.275	

CLASS 5402		HOTHOUSE ERECTION-ALL OPERATIONS							
Industry Group: Contracting Hazard Group: C		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,279,295	0	0	1	685	0	13,736	14,421	1.127
1/20 through 12/20	1,554,635	0	0	3	13,015	0	6,672	19,687	1.266
1/21 through 12/21	854,904	0	0	0	0	0	151	151	0.018
1/22 through 12/22	500,117	0	0	0	0	0	470	470	0.094
1/23 through 12/23	663,446	0	0	0	0	0	188	188	0.028
5 YR. TOTAL	4,852,397	0	0	4	13,700	0	21,217	34,917	0.720
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		3%	0.2823		6%	0.4372		0.720	
Pure Premium Indicated by National Relativity		8%	0.8866		9%	1.1069		1.994	
Pure Premium Present on Rate Level		89%	1.0503		85%	1.1094		2.160	
Pure Premium Derived by Formula		1.0142			1.0688			2.083	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5403	CARPENTRY NOC								
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	281,584,748	17	919,847	49	1,152,460	967,043	1,322,494	4,361,844	1.549
1/20 through 12/20	289,820,933	10	332,319	48	1,603,004	104,358	1,336,109	3,375,790	1.165
1/21 through 12/21	335,000,809	12	1,515,436	67	2,268,265	623,093	2,170,232	6,577,026	1.963
1/22 through 12/22	375,997,116	21	1,611,109	60	1,829,183	1,816,046	1,826,925	7,083,263	1.884
1/23 through 12/23	416,441,303	7	243,691	56	1,992,914	189,108	1,801,465	4,227,178	1.015
5 YR. TOTAL	1,698,844,909	67	4,622,402	280	8,845,826	3,699,648	8,457,225	25,625,101	1.508
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		59%	0.7928	88%		0.7156		1.508	
Pure Premium Indicated by National Relativity		20%	1.0547	6%		0.8612		1.916	
Pure Premium Present on Rate Level		21%	0.9375	6%		0.7938		1.731	
Pure Premium Derived by Formula			0.8756			0.7290		1.605	

CLASS 5437	CARPENTRY-INSTALLATION OF CABINET WORK OR INTERIOR TRIM								
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	205,961,835	6	548,275	58	1,055,230	299,607	900,083	2,803,195	1.361
1/20 through 12/20	217,785,653	12	542,451	57	1,518,074	349,236	1,473,613	3,883,374	1.783
1/21 through 12/21	255,886,611	7	518,832	54	1,088,717	580,841	883,265	3,071,655	1.200
1/22 through 12/22	299,832,850	17	1,903,698	66	1,796,172	1,101,630	1,330,668	6,132,168	2.045
1/23 through 12/23	328,512,951	8	692,712	67	2,738,322	283,379	2,436,880	6,151,293	1.873
5 YR. TOTAL	1,307,979,900	50	4,205,968	302	8,196,515	2,614,693	7,024,509	22,041,685	1.685
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		51%	0.9482	77%		0.7370		1.685	
Pure Premium Indicated by National Relativity		24%	1.1355	11%		0.8381		1.974	
Pure Premium Present on Rate Level		25%	0.9046	12%		0.7736		1.678	
Pure Premium Derived by Formula			0.9823			0.7525		1.735	

CLASS 5443	LATHING & DRIVERS								
Industry Group: Contracting Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	218,214	0	0	0	0	0	0	0	0.000
1/20 through 12/20	238,632	0	0	0	0	0	0	0	0.000
1/21 through 12/21	431,668	0	0	0	0	0	0	0	0.000
1/22 through 12/22	129,698	0	0	1	10,724	0	18,931	29,655	22.865
1/23 through 12/23	63,697	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	1,081,909	0	0	1	10,724	0	18,931	29,655	2.741
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		1%	0.9912	2%		1.7498		2.741	
Pure Premium Indicated by National Relativity		22%	0.6240	24%		0.4712		1.095	
Pure Premium Present on Rate Level		77%	0.7290	74%		0.5574		1.286	
Pure Premium Derived by Formula			0.7085			0.5606		1.269	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5445	WALLBOARD, SHEETROCK, DRYWALL, PLASTERBOARD, OR CEMENT BOARD INSTALLATION - WITHIN BUILDINGS & DRIVERS								
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	142,079,844	10	386,852	59	1,987,154	493,494	1,807,006	4,674,506	3.290
1/20 through 12/20	147,763,073	13	651,867	59	1,734,122	375,303	1,380,890	4,142,182	2.803
1/21 through 12/21	150,830,290	17	1,538,310	51	1,898,643	1,203,486	1,452,690	6,093,129	4.040
1/22 through 12/22	177,209,141	5	382,271	56	2,882,642	179,318	1,846,465	5,290,696	2.986
1/23 through 12/23	216,706,944	10	1,117,505	37	2,272,667	446,247	1,641,165	5,477,584	2.528
5 YR. TOTAL	834,589,292	55	4,076,805	262	10,775,228	2,697,848	8,128,216	25,678,097	3.077
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		54%	1.7796		84%	1.2972		3.077	
Pure Premium Indicated by National Relativity		23%	1.1857		8%	0.8435		2.029	
Pure Premium Present on Rate Level		23%	1.5962		8%	1.4567		3.053	
Pure Premium Derived by Formula		1.6008			1.2737			2.875	

CLASS 5462	GLAZIER-AWAY FROM SHOP & DRIVERS								
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	59,800,773	3	68,951	16	423,769	29,374	351,763	873,857	1.461
1/20 through 12/20	61,683,829	0	0	18	371,324	0	267,502	638,826	1.036
1/21 through 12/21	62,031,978	2	65,514	20	888,670	26,322	644,970	1,625,476	2.620
1/22 through 12/22	63,257,994	3	166,878	17	701,556	58,154	279,703	1,206,291	1.907
1/23 through 12/23	67,737,231	2	261,228	14	645,441	80,905	633,451	1,621,025	2.393
5 YR. TOTAL	314,511,805	10	562,571	85	3,030,760	194,755	2,177,389	5,965,475	1.897
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		27%	1.1425		38%	0.7542		1.897	
Pure Premium Indicated by National Relativity		36%	1.1640		31%	0.8544		2.018	
Pure Premium Present on Rate Level		37%	1.0832		31%	0.8111		1.894	
Pure Premium Derived by Formula		1.1283			0.8029			1.931	

CLASS 5472	ASBESTOS REMOVAL OPERATIONS-CONTRACTOR-PIPE AND BOILER WORK EXCLUSIVELY & DRIVERS								
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,630,789	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,208,858	0	0	0	0	0	13,155	13,155	1.088
1/21 through 12/21	961,331	0	0	0	0	0	0	0	0.000
1/22 through 12/22	838,630	0	0	0	0	0	0	0	0.000
1/23 through 12/23	1,539,138	0	0	1	71,520	0	67,843	139,363	9.055
5 YR. TOTAL	6,178,746	0	0	1	71,520	0	80,998	152,518	2.468
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		4%	1.1575		6%	1.3109		2.468	
Pure Premium Indicated by National Relativity		15%	1.3344		16%	0.8949		2.229	
Pure Premium Present on Rate Level		81%	1.1542		78%	0.9800		2.134	
Pure Premium Derived by Formula		1.1814			0.9862			2.168	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5473		ASBESTOS AND MOLD REMOVAL OPERATIONS-CONTRACTOR-NOC & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	26,181,745	6	319,430	11	401,262	208,007	347,725	1,276,424	4.875
1/20 through 12/20	24,596,520	3	441,846	10	271,642	463,895	159,275	1,336,658	5.434
1/21 through 12/21	26,533,820	1	8,228	13	719,087	6,302	634,649	1,368,266	5.157
1/22 through 12/22	31,430,853	1	94,236	13	401,353	42,800	252,242	790,631	2.516
1/23 through 12/23	32,481,567	4	571,522	14	687,259	328,874	301,289	1,888,944	5.816
5 YR. TOTAL	141,224,505	15	1,435,262	61	2,480,603	1,049,878	1,695,180	6,660,923	4.717
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		24%	2.7728		36%	1.9438		4.717	
Pure Premium Indicated by National Relativity		38%	1.4278		32%	1.1319		2.560	
Pure Premium Present on Rate Level		38%	1.8276		32%	1.5923		3.420	
Pure Premium Derived by Formula		1.9025			1.5715			3.474	

CLASS 5474		PAINTING NOC & SHOP OPERATIONS, DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	310,452,754	22	1,052,302	85	2,865,898	1,654,863	2,753,384	8,326,447	2.682
1/20 through 12/20	314,488,853	9	341,403	74	2,531,506	347,600	2,150,299	5,370,808	1.708
1/21 through 12/21	349,521,513	23	1,336,471	87	3,035,514	1,423,648	2,899,599	8,695,232	2.488
1/22 through 12/22	411,509,466	30	1,819,682	77	3,599,117	2,107,510	2,878,257	10,404,566	2.528
1/23 through 12/23	446,815,557	15	2,217,803	76	4,265,859	2,398,294	3,624,556	12,506,512	2.799
5 YR. TOTAL	1,832,788,143	99	6,767,661	399	16,297,894	7,931,915	14,306,095	45,303,565	2.472
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		68%	1.2585		100%	1.2133		2.472	
Pure Premium Indicated by National Relativity		16%	1.0987		0%	0.8807		1.979	
Pure Premium Present on Rate Level		16%	1.1481		0%	1.1203		2.268	
Pure Premium Derived by Formula		1.2153			1.2133			2.429	

CLASS 5478	FLOOR COVERING INSTALLATION--RESILIENT FLOORING -- CARPET AND LAMINATE FLOORING								
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	97,932,430	3	132,729	13	206,236	19,462	279,833	638,260	0.652
1/20 through 12/20	96,981,777	1	45,637	15	444,600	40,291	201,795	732,323	0.755
1/21 through 12/21	113,442,583	2	169,988	9	149,355	63,333	176,435	559,111	0.493
1/22 through 12/22	123,385,883	1	337,482	10	212,831	174,772	205,486	930,571	0.754
1/23 through 12/23	126,261,425	1	45,661	5	58,763	0	137,339	241,763	0.192
5 YR. TOTAL	558,004,098	8	731,497	52	1,071,785	297,858	1,000,888	3,102,028	0.556
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		28%	0.3232		35%	0.2327		0.556	
Pure Premium Indicated by National Relativity		36%	0.6804		32%	0.4209		1.101	
Pure Premium Present on Rate Level		36%	0.6326		33%	0.3850		1.018	
Pure Premium Derived by Formula		0.5632			0.3432			0.906	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5479		INSULATION WORK NOC & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES						TOTAL	TOTAL
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	
1/19 through 12/19	68,174,588	7	342,450	22	478,496	230,858	364,270	1,416,074	2.077
1/20 through 12/20	78,990,219	7	608,088	17	429,672	1,186,970	266,389	2,491,119	3.154
1/21 through 12/21	89,881,331	2	201,359	31	517,700	200,714	634,880	1,554,653	1.730
1/22 through 12/22	105,379,637	2	223,252	21	396,694	111,331	257,818	989,095	0.939
1/23 through 12/23	124,757,438	3	313,548	28	1,138,800	493,258	971,587	2,917,193	2.338
5 YR. TOTAL	467,183,213	21	1,688,697	119	2,961,362	2,223,131	2,494,944	9,368,134	2.005
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		32%	0.9953	49%		1.0099		2.005	
Pure Premium Indicated by National Relativity		34%	1.1412	25%		0.9297		2.071	
Pure Premium Present on Rate Level		34%	0.9989	26%		0.8867		1.886	
Pure Premium Derived by Formula			1.0461			0.9578		2.004	

CLASS 5480		PLASTERING NOC & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES						TOTAL	TOTAL
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	
1/19 through 12/19	1,242,917	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,056,803	0	0	1	11,406	0	4,258	15,664	1.482
1/21 through 12/21	2,703,798	0	0	0	0	0	0	0	0.000
1/22 through 12/22	3,812,607	0	0	0	0	0	0	0	0.000
1/23 through 12/23	2,138,073	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	10,954,198	0	0	1	11,406	0	4,258	15,664	0.143
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		5%	0.1041	7%		0.0389		0.143	
Pure Premium Indicated by National Relativity		22%	1.1896	23%		0.9034		2.093	
Pure Premium Present on Rate Level		73%	1.1476	70%		0.7724		1.920	
Pure Premium Derived by Formula			1.1047			0.7512		1.856	

CLASS 5491		PAPERHANGING & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES						TOTAL	TOTAL
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	
1/19 through 12/19	4,674,184	0	0	0	0	0	0	0	0.000
1/20 through 12/20	4,553,084	0	0	1	66,117	0	27,953	94,070	2.066
1/21 through 12/21	4,722,912	0	0	1	2,078	0	20,979	23,057	0.488
1/22 through 12/22	7,188,672	0	0	0	0	0	0	0	0.000
1/23 through 12/23	7,473,163	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	28,612,015	0	0	2	68,195	0	48,932	117,127	0.409
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		5%	0.2383	8%		0.1710		0.409	
Pure Premium Indicated by National Relativity		12%	0.6127	13%		0.3918		1.005	
Pure Premium Present on Rate Level		83%	0.4721	79%		0.3640		0.836	
Pure Premium Derived by Formula			0.4773			0.3522		0.830	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5506		STREET OR ROAD CONSTRUCTION: PAVING OR REPAVING & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	212,280,437	12	192,738	48	853,976	156,539	769,866	1,973,119	0.930
1/20 through 12/20	196,245,349	11	815,489	43	844,036	560,089	642,707	2,862,321	1.459
1/21 through 12/21	210,575,180	17	616,248	52	1,843,061	430,765	1,152,113	4,042,187	1.920
1/22 through 12/22	254,204,863	6	162,699	42	1,577,661	173,317	1,115,734	3,029,411	1.192
1/23 through 12/23	286,635,239	8	294,723	32	1,327,121	319,974	1,287,793	3,229,611	1.127
5 YR. TOTAL	1,159,941,068	54	2,081,897	217	6,445,855	1,640,684	4,968,213	15,136,649	1.305
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		48%	0.7352	65%	0.5698	1.305			
Pure Premium Indicated by National Relativity		26%	1.1857	17%	0.9535	2.139			
Pure Premium Present on Rate Level		26%	0.9056	18%	0.6260	1.532			
Pure Premium Derived by Formula		0.8966		0.6451		1.542			

CLASS 5507		STREET OR ROAD CONSTRUCTION: SUBSURFACE WORK & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	144,789,272	5	528,383	20	435,048	169,205	664,012	1,796,648	1.241
1/20 through 12/20	146,562,138	6	698,618	36	847,250	537,608	716,531	2,800,007	1.911
1/21 through 12/21	152,229,862	6	619,878	22	801,096	191,672	650,421	2,263,067	1.487
1/22 through 12/22	202,187,722	12	563,404	29	817,443	733,601	646,645	2,761,093	1.366
1/23 through 12/23	209,990,183	5	156,158	24	1,028,129	250,558	707,692	2,142,537	1.020
5 YR. TOTAL	855,759,177	34	2,566,441	131	3,928,966	1,882,644	3,385,301	11,763,352	1.375
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		39%	0.7590	57%	0.6156	1.375			
Pure Premium Indicated by National Relativity		30%	1.0022	21%	0.7270	1.729			
Pure Premium Present on Rate Level		31%	0.8055	22%	0.6446	1.450			
Pure Premium Derived by Formula		0.8464		0.6454		1.492			

CLASS 5535		SHEET METAL WORK - INSTALLATION & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	137,583,425	5	286,885	35	1,215,393	215,179	1,252,781	2,970,238	2.159
1/20 through 12/20	108,608,574	5	637,814	40	1,156,823	415,321	1,128,686	3,338,644	3.074
1/21 through 12/21	124,676,081	7	237,498	41	1,801,749	466,428	1,372,222	3,877,897	3.110
1/22 through 12/22	137,594,312	10	621,487	34	1,760,937	1,354,712	1,530,458	5,267,594	3.828
1/23 through 12/23	156,566,375	7	447,738	28	1,039,431	647,702	1,097,945	3,232,816	2.065
5 YR. TOTAL	665,028,767	34	2,231,422	178	6,974,333	3,099,342	6,382,092	18,687,189	2.810
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		44%	1.3843	71%	1.4257	2.810			
Pure Premium Indicated by National Relativity		28%	1.2296	14%	1.1015	2.331			
Pure Premium Present on Rate Level		28%	1.3300	15%	1.3064	2.636			
Pure Premium Derived by Formula		1.3258		1.3624		2.688			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5537	HEATING, VENTILATION, AIR-CONDITIONING AND REFRIGERATION SYSTEMS-INSTALLATION, SERVICE AND REPAIR, SHOP, YARD & DRIVERS								
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
CASES	AMOUNT	CASES	AMOUNT						
1/19 through 12/19	766,984,232	31	2,029,924	190	3,823,626	1,653,394	3,339,653	10,846,597	1.414
1/20 through 12/20	847,160,575	24	1,192,349	200	3,451,332	749,518	3,289,892	8,683,091	1.025
1/21 through 12/21	926,557,873	33	2,720,940	202	5,673,135	1,690,748	4,089,096	14,173,919	1.530
1/22 through 12/22	1,051,867,078	25	1,855,663	180	5,327,655	897,173	3,834,428	11,914,919	1.133
1/23 through 12/23	1,145,845,696	25	2,592,651	157	4,716,444	2,320,825	3,929,224	13,559,144	1.183
5 YR. TOTAL	4,738,415,454	138	10,391,527	929	22,992,192	7,311,658	18,482,293	59,177,670	1.249
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		86%	0.7045	100%	0.5444	1.249			
Pure Premium Indicated by National Relativity		7%	0.8124	0%	0.6090	1.421			
Pure Premium Present on Rate Level		7%	0.7146	0%	0.5578	1.272			
Pure Premium Derived by Formula		0.7128		0.5444		1.257			

CLASS 5551	ROOFING-ALL KINDS & DRIVERS								
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
CASES	AMOUNT	CASES	AMOUNT						
1/19 through 12/19	144,567,780	25	2,183,729	67	2,930,523	2,380,194	3,291,509	10,785,955	7.461
1/20 through 12/20	149,247,053	16	1,157,417	69	3,626,978	928,530	2,718,282	8,431,207	5.649
1/21 through 12/21	156,841,774	12	1,267,069	55	2,544,247	557,855	2,219,201	6,588,372	4.201
1/22 through 12/22	180,453,799	21	1,667,278	74	4,714,738	2,192,861	3,315,869	11,890,746	6.589
1/23 through 12/23	189,227,583	19	1,644,766	59	4,054,562	2,546,463	4,046,448	12,292,239	6.496
5 YR. TOTAL	820,337,989	93	7,920,259	324	17,871,048	8,605,903	15,591,309	49,988,519	6.094
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		72%	3.1440	100%	2.9497	6.094			
Pure Premium Indicated by National Relativity		14%	2.2035	0%	1.8712	4.075			
Pure Premium Present on Rate Level		14%	2.8727	0%	2.7027	5.575			
Pure Premium Derived by Formula		2.9743		2.9497		5.924			

CLASS 5606	CONTRACTOR--PROJECT MANAGER, CONSTRUCTION EXECUTIVE, CONSTRUCTION MANAGER OR CONSTRUCTION SUPERINTENDENT								
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
CASES	AMOUNT	CASES	AMOUNT						
1/19 through 12/19	1,679,833,395	18	1,447,682	67	2,329,313	998,761	1,843,079	6,618,835	0.394
1/20 through 12/20	1,767,181,676	15	1,373,934	56	948,502	748,273	1,037,647	4,108,356	0.233
1/21 through 12/21	1,996,870,623	15	1,166,869	50	2,073,822	1,855,392	1,895,512	6,991,595	0.350
1/22 through 12/22	2,326,652,126	13	1,022,402	47	1,925,446	732,354	1,654,132	5,334,334	0.229
1/23 through 12/23	2,643,378,633	16	1,912,185	53	3,238,610	1,427,136	2,430,866	9,008,797	0.341
5 YR. TOTAL	10,413,916,453	77	6,923,072	273	10,515,693	5,761,916	8,861,236	32,061,917	0.308
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		61%	0.1675	92%	0.1404	0.308			
Pure Premium Indicated by National Relativity		19%	0.2096	4%	0.1670	0.377			
Pure Premium Present on Rate Level		20%	0.1655	4%	0.1415	0.307			
Pure Premium Derived by Formula		0.1751		0.1415		0.317			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5610		CLEANER - DEBRIS REMOVAL - CONSTRUCTION							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	17,168,817	3	104,082	5	16,398	187,102	22,072	329,654	1.920
1/20 through 12/20	20,907,872	0	0	9	146,280	0	127,815	274,095	1.311
1/21 through 12/21	19,186,163	0	0	3	28,987	0	37,305	66,292	0.346
1/22 through 12/22	21,905,117	2	104,346	13	562,270	48,627	640,725	1,355,968	6.190
1/23 through 12/23	24,175,680	2	79,714	4	140,965	31,205	77,804	329,688	1.364
5 YR. TOTAL	103,343,649	7	288,142	34	894,900	266,934	905,721	2,355,697	2.280
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	1.1448	21%	1.1347	2.280			
Pure Premium Indicated by National Relativity		36%	0.8646	39%	0.6449	1.510			
Pure Premium Present on Rate Level		50%	0.8190	40%	0.7618	1.581			
Pure Premium Derived by Formula		0.8810		0.7945		1.676			

CLASS 5645		CARPENTRY- CONSTRUCTION OF RESIDENTIAL DWELLINGS NOT EXCEEDING THREE STORIES IN HEIGHT							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	353,420,045	42	2,453,850	201	5,732,718	3,511,082	6,040,678	17,738,328	5.019
1/20 through 12/20	377,100,741	46	2,588,022	205	6,652,728	1,893,883	6,097,136	17,231,769	4.570
1/21 through 12/21	446,537,522	43	3,204,428	222	9,164,036	3,751,113	7,573,458	23,693,035	5.306
1/22 through 12/22	514,707,880	47	3,678,719	208	9,990,508	4,209,007	8,212,648	26,090,882	5.069
1/23 through 12/23	558,755,197	35	3,025,727	209	12,475,447	5,722,667	11,631,647	32,855,488	5.880
5 YR. TOTAL	2,250,521,385	213	14,950,746	1,045	44,015,437	19,087,752	39,555,567	117,609,502	5.226
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	2.6201	100%	2.6058	5.226			
Pure Premium Indicated by National Relativity		0%	2.1287	0%	1.7447	3.873			
Pure Premium Present on Rate Level		0%	2.5448	0%	2.4580	5.003			
Pure Premium Derived by Formula		2.6201		2.6058		5.226			

CLASS 5703		BUILDING RAISING OR MOVING							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	569,245	0	0	0	0	0	0	0	0.000
1/20 through 12/20	620,172	0	0	0	0	0	0	0	0.000
1/21 through 12/21	606,600	1	82,626	0	0	180,180	541	263,347	43.414
1/22 through 12/22	831,384	0	0	0	0	0	0	0	0.000
1/23 through 12/23	1,160,957	0	0	1	828	0	0	828	0.071
5 YR. TOTAL	3,788,358	1	82,626	1	828	180,180	541	264,175	6.973
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	2.2029	8%	4.7704	6.973			
Pure Premium Indicated by National Relativity		11%	2.1462	12%	1.7329	3.879			
Pure Premium Present on Rate Level		85%	2.1306	80%	2.8078	4.938			
Pure Premium Derived by Formula		2.1352		2.8358		4.971			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 5705		SALVAGE OPERATION-NO WRECKING OR ANY STRUCTURAL OPERATIONS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
CASES	AMOUNT	CASES	AMOUNT						
1/19 through 12/19	129,642	0	0	0	0	0	0	0	0.000
1/20 through 12/20	127,760	0	0	0	0	0	0	0	0.000
1/21 through 12/21	48,522	0	0	0	0	0	0	0	0.000
1/22 through 12/22	31,043	0	0	0	0	0	0	0	0.000
1/23 through 12/23	10,270	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	347,237	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.0000	2%	0.0000	0.000			
Pure Premium Indicated by National Relativity		5%	1.3188	5%	0.5812	1.900			
Pure Premium Present on Rate Level		94%	2.8007	93%	2.8814	5.682			
Pure Premium Derived by Formula		2.6986		2.7088		5.407			

CLASS 5951		SERUM, ANTI-TOXIN OR VIRUS MFG & DRIVERS							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
CASES	AMOUNT	CASES	AMOUNT						
1/19 through 12/19	10,947,974	0	0	0	0	0	2,658	2,658	0.024
1/20 through 12/20	13,409,292	0	0	0	0	0	1,644	1,644	0.012
1/21 through 12/21	49,047,315	0	0	1	289	0	3,988	4,277	0.009
1/22 through 12/22	53,682,989	1	114,400	1	60,249	79,875	102,405	356,929	0.665
1/23 through 12/23	56,471,394	0	0	0	0	0	13,260	13,260	0.024
5 YR. TOTAL	183,558,964	1	114,400	2	60,538	79,875	123,955	378,768	0.206
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.0953	9%	0.1110	0.206			
Pure Premium Indicated by National Relativity		27%	0.1441	29%	0.1019	0.246			
Pure Premium Present on Rate Level		67%	0.0880	62%	0.0766	0.165			
Pure Premium Derived by Formula		0.1036		0.0870		0.191			

CLASS 6003		PILE DRIVING							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
CASES	AMOUNT	CASES	AMOUNT						
1/19 through 12/19	7,508,095	1	27,090	1	1,213	0	1,906	30,209	0.402
1/20 through 12/20	7,315,704	0	0	3	142,038	0	134,945	276,983	3.786
1/21 through 12/21	8,444,414	0	0	2	79,142	0	122,686	201,828	2.390
1/22 through 12/22	9,681,974	1	159,807	4	124,164	368,291	192,874	845,136	8.729
1/23 through 12/23	11,053,764	0	0	3	80,429	0	49,431	129,860	1.175
5 YR. TOTAL	44,003,951	2	186,897	13	426,986	368,291	501,842	1,484,016	3.373
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	1.3951	16%	1.9774	3.373			
Pure Premium Indicated by National Relativity		20%	1.0108	22%	0.7531	1.764			
Pure Premium Present on Rate Level		70%	0.9909	62%	0.9773	1.968			
Pure Premium Derived by Formula		1.0353		1.0880		2.123			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 6005		JETTY OR BREAKWATER CONSTRUCTION-ALL OPERATIONS TO COMPLETION & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	304,523	0	0	0	0	0	320	320	0.105
1/20 through 12/20	463,813	0	0	1	4,508	0	29,199	33,707	7.267
1/21 through 12/21	345,082	0	0	1	43	0	2,105	2,148	0.623
1/22 through 12/22	395,310	0	0	0	0	0	231	231	0.058
1/23 through 12/23	561,836	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	2,070,564	0	0	2	4,551	0	31,855	36,406	1.758
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		2%	0.2198		3%	1.5385		1.758	
Pure Premium Indicated by National Relativity		6%	0.6136		7%	0.5267		1.140	
Pure Premium Present on Rate Level		92%	0.9432		90%	0.8947		1.838	
Pure Premium Derived by Formula		0.9090			0.8883			1.797	

CLASS 6018	DAM OR LOCK CONSTRUCTION: EARTH MOVING OR PLACING-ALL OPERATIONS & DRIVERS								
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	466,413	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,709,902	0	0	1	33,085	0	24,128	57,213	3.346
1/21 through 12/21	3,845,385	0	0	0	0	0	0	0	0.000
1/22 through 12/22	3,099,427	0	0	0	0	0	711	711	0.023
1/23 through 12/23	2,524,712	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	11,645,839	0	0	1	33,085	0	24,839	57,924	0.497
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		4%	0.2841		5%	0.2133		0.497	
Pure Premium Indicated by National Relativity		4%	0.2495		4%	0.2952		0.545	
Pure Premium Present on Rate Level		92%	0.6963		91%	0.3714		1.068	
Pure Premium Derived by Formula		0.6619			0.3604			1.022	

CLASS 6045	LEVEE CONSTRUCTION-ALL OPERATIONS TO COMPLETION & DRIVERS								
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							TOTAL
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	273,781	0	0	0	0	0	0	0	0.000
1/20 through 12/20	234,227	0	0	0	0	0	0	0	0.000
1/21 through 12/21	205,261	0	0	0	0	0	0	0	0.000
1/22 through 12/22	860,570	0	0	0	0	0	0	0	0.000
1/23 through 12/23	216,477	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	1,790,316	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*		PURE PREM.*		
Indicated Pure Premium		2%	0.0000	2%	0.0000		0.000		
Pure Premium Indicated by National Relativity		6%	0.9651	6%	0.5421		1.507		
Pure Premium Present on Rate Level		92%	0.8714	92%	0.5754		1.447		
Pure Premium Derived by Formula		0.8596			0.5619		1.422		

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 6204		DRILLING NOC & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	26,856,216	1	56,456	8	358,845	10,807	139,065	565,173	2.105
1/20 through 12/20	29,379,497	1	231,822	9	159,887	77,782	171,329	640,820	2.181
1/21 through 12/21	33,091,872	0	0	6	546,649	0	226,875	773,524	2.338
1/22 through 12/22	43,313,648	0	0	4	41,001	0	45,290	86,291	0.199
1/23 through 12/23	46,834,789	1	73,191	9	543,711	43,329	523,104	1,183,335	2.527
5 YR. TOTAL	179,476,022	3	361,469	36	1,650,093	131,918	1,105,663	3,249,143	1.810
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		22%	1.1208	29%	0.6896		1.810		
Pure Premium Indicated by National Relativity		39%	1.4186	35%	0.9726		2.391		
Pure Premium Present on Rate Level		39%	1.2290	36%	0.8183		2.047		
Pure Premium Derived by Formula		1.2791			0.8350			2.114	

CLASS 6206	OIL OR GAS WELL: CEMENTING & DRIVERS								
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	166,468	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	330,700	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	497,168	0	0	0	0	0	0	0	0.000
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		1%	0.0000		1%	0.0000		0.000	
Pure Premium Indicated by National Relativity		29%	0.7411		31%	0.4723		1.213	
Pure Premium Present on Rate Level		70%	0.6142		68%	0.3860		1.000	
Pure Premium Derived by Formula		0.6449			0.4089			1.054	

CLASS 6213	OIL OR GAS - WELL - SPECIALTY TOOL & EQUIPMENT LEASING NOC - ALL EMPLOYEES AND DRIVERS								
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	118,112	0	0	0	0	0	0	0	0.000
1/20 through 12/20	2,331	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	26,776	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	147,219	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL			TOTAL		
		CRED.	PURE PREM.*	CRED.	PURE PREM.*		PURE PREM.*		
Indicated Pure Premium		0%	0.0000	0%	0.0000		0.000		
Pure Premium Indicated by National Relativity		25%	0.6840	27%	0.4365		1.121		
Pure Premium Present on Rate Level		75%	0.4162	73%	0.2916		0.708		
Pure Premium Derived by Formula		0.4832		0.3307			0.814		

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 6214		OIL OR GAS WELL: PERFORATING OF CASING-ALL EMPLOYEES & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		9%	0.1157	9%	0.1363	0.252			
Pure Premium Present on Rate Level		91%	0.2767	91%	0.2181	0.495			
Pure Premium Derived by Formula			0.2622		0.2107	0.473			

CLASS 6216		OIL OR GAS - LEASE WORK NOC - BY SPECIALIST CONTRACTOR & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	275,074	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,124,883	0	0	1	76,920	0	180,860	257,780	22.916
1/21 through 12/21	59,767	0	0	0	0	0	0	0	0.000
1/22 through 12/22	216,258	0	0	2	169,184	0	80,574	249,758	115.491
1/23 through 12/23	2,034,031	0	0	1	78,715	0	40,668	119,383	5.869
5 YR. TOTAL	3,710,013	0	0	4	324,819	0	302,102	626,921	16.898
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	8.7552	5%	8.1429	16.898			
Pure Premium Indicated by National Relativity		48%	1.0619	47%	0.6431	1.705			
Pure Premium Present on Rate Level		49%	1.3263	48%	1.3717	2.698			
Pure Premium Derived by Formula			1.4223		1.3678	2.790			

CLASS 6217		EXCAVATION & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	583,640,380	18	1,549,485	130	4,031,828	1,809,233	4,029,516	11,420,062	1.957
1/20 through 12/20	615,093,683	18	1,453,628	90	3,014,737	1,130,488	2,714,105	8,312,958	1.352
1/21 through 12/21	709,543,628	21	1,585,539	113	4,979,661	1,812,729	5,075,117	13,453,046	1.896
1/22 through 12/22	809,105,270	20	1,638,991	99	4,344,269	1,419,808	3,189,161	10,592,229	1.309
1/23 through 12/23	928,507,925	22	2,432,907	97	5,564,032	1,733,893	4,320,986	14,051,818	1.513
5 YR. TOTAL	3,645,890,886	99	8,660,550	529	21,934,527	7,906,151	19,328,885	57,830,113	1.586
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		79%	0.8392	100%	0.7470	1.586			
Pure Premium Indicated by National Relativity		10%	0.8483	0%	0.6426	1.491			
Pure Premium Present on Rate Level		11%	0.7889	0%	0.7360	1.525			
Pure Premium Derived by Formula			0.8346		0.7470	1.582			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 6229		IRRIGATION OR DRAINAGE SYSTEM CONSTRUCTION & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	28,875,788	0	0	4	93,575	0	96,216	189,791	0.657
1/20 through 12/20	33,179,106	2	128,932	2	36,570	0	75,461	240,963	0.726
1/21 through 12/21	41,117,506	0	0	4	32,109	0	56,944	89,053	0.217
1/22 through 12/22	46,970,007	2	31,098	4	112,440	33,204	91,655	268,397	0.571
1/23 through 12/23	60,632,197	1	16,326	5	96,493	23,373	69,735	205,927	0.340
5 YR. TOTAL	210,774,604	5	176,356	19	371,187	56,577	390,011	994,131	0.472
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.2598	25%	0.2119	0.472			
Pure Premium Indicated by National Relativity		41%	0.6892	37%	0.6217	1.311			
Pure Premium Present on Rate Level		42%	0.6628	38%	0.5120	1.175			
Pure Premium Derived by Formula		0.6051		0.4776		1.083			

CLASS 6233		OIL OR GAS PIPELINE CONSTRUCTION & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	65,190,668	0	0	2	31,766	0	16,901	48,667	0.075
1/20 through 12/20	62,379,367	0	0	5	399,965	0	186,488	586,453	0.940
1/21 through 12/21	36,755,466	0	0	4	61,675	0	57,248	118,923	0.324
1/22 through 12/22	43,305,751	1	2,812	3	68,415	6,412	46,054	123,693	0.286
1/23 through 12/23	68,971,886	0	0	5	418,159	0	161,512	579,671	0.841
5 YR. TOTAL	276,603,138	1	2,812	19	979,980	6,412	468,203	1,457,407	0.527
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	0.3553	20%	0.1716	0.527			
Pure Premium Indicated by National Relativity		32%	0.5127	34%	0.2918	0.805			
Pure Premium Present on Rate Level		53%	0.3843	46%	0.2451	0.629			
Pure Premium Derived by Formula		0.4210		0.2463		0.667			

CLASS 6235		OIL OR GAS WELL: DRILLING OR REDRILLING & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	31,227	0	0	0	0	0	0	0	0.000
1/20 through 12/20	181,374	0	0	0	0	0	0	0	0.000
1/21 through 12/21	112,684	0	0	0	0	0	0	0	0.000
1/22 through 12/22	174,487	0	0	0	0	0	0	0	0.000
1/23 through 12/23	543,395	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	1,043,167	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.0000	2%	0.0000	0.000			
Pure Premium Indicated by National Relativity		48%	1.2942	49%	0.6770	1.971			
Pure Premium Present on Rate Level		50%	1.1453	49%	0.7006	1.846			
Pure Premium Derived by Formula		1.1939		0.6750		1.869			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 6236		OIL OR GAS WELL: INSTALLATION OR RECOVERY OF CASING & DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		7%	0.9103	7%	0.7155	1.626			
Pure Premium Present on Rate Level		93%	1.0545	93%	0.7069	1.761			
Pure Premium Derived by Formula			1.0444		0.7075	1.752			

CLASS 6237		OIL OR GAS WELL: INSTRUMENT LOGGING OR SURVEY WORK & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	274,987	0	0	0	0	0	0	0	0.000
1/20 through 12/20	17,741	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	292,728	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	1%	0.0000	0.000			
Pure Premium Indicated by National Relativity		16%	0.4580	17%	0.2511	0.709			
Pure Premium Present on Rate Level		84%	0.3483	82%	0.2100	0.558			
Pure Premium Derived by Formula			0.3659		0.2149	0.581			

CLASS 6251		TUNNELING-ALL OPERATIONS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	51,307	0	0	0	0	0	0	0	0.000
1/20 through 12/20	94,911	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	3,269	0	0	0	0	0	0	0	0.000
1/23 through 12/23	28,318	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	177,805	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.0000	1%	0.0000	0.000			
Pure Premium Indicated by National Relativity		14%	1.8025	15%	1.2014	3.004			
Pure Premium Present on Rate Level		85%	1.0341	84%	0.7290	1.763			
Pure Premium Derived by Formula			1.1313		0.7926	1.924			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 6252		SHAFT SINKING-ALL OPERATIONS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,032,601	0	0	0	0	0	0	0	0.000
1/20 through 12/20	3,083,106	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,808,877	0	0	0	0	0	0	0	0.000
1/22 through 12/22	3,731,890	0	0	0	0	0	0	0	0.000
1/23 through 12/23	3,757,561	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	14,414,035	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.0000	6%	0.0000	0.000			
Pure Premium Indicated by National Relativity		14%	0.9084	15%	0.6299	1.538			
Pure Premium Present on Rate Level		81%	0.6902	79%	0.4320	1.122			
Pure Premium Derived by Formula		0.6862		0.4358		1.122			

CLASS 6306		SEWER CONSTRUCTION-ALL OPERATIONS & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	156,930,197	5	220,422	25	485,786	430,489	451,003	1,587,700	1.012
1/20 through 12/20	177,249,096	6	227,145	39	1,072,167	492,412	767,824	2,559,548	1.444
1/21 through 12/21	184,363,516	3	253,763	31	805,763	219,952	885,975	2,165,453	1.175
1/22 through 12/22	230,225,396	4	373,805	29	1,247,184	548,044	1,671,739	3,840,772	1.668
1/23 through 12/23	260,602,561	2	156,838	43	2,447,512	42,218	2,007,458	4,654,026	1.786
5 YR. TOTAL	1,009,370,766	20	1,231,973	167	6,058,412	1,733,115	5,783,999	14,807,499	1.467
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		41%	0.7223	63%	0.7447	1.467			
Pure Premium Indicated by National Relativity		29%	0.8747	18%	0.6756	1.550			
Pure Premium Present on Rate Level		30%	0.7724	19%	0.6844	1.457			
Pure Premium Derived by Formula		0.7815		0.7208		1.502			

CLASS 6319		GAS MAIN OR CONNECTION CONSTRUCTION & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	146,354,523	5	466,979	23	416,497	410,075	510,791	1,804,342	1.233
1/20 through 12/20	146,701,482	2	135,721	18	756,945	48,379	658,075	1,599,120	1.090
1/21 through 12/21	174,238,144	1	9,666	17	843,567	29,250	591,029	1,473,512	0.846
1/22 through 12/22	209,666,105	5	408,482	17	464,778	380,881	560,482	1,814,623	0.866
1/23 through 12/23	218,690,424	1	55,313	32	1,604,132	43,721	2,327,996	4,031,162	1.843
5 YR. TOTAL	895,650,678	14	1,076,161	107	4,085,919	912,306	4,648,373	10,722,759	1.197
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		33%	0.5763	51%	0.6209	1.197			
Pure Premium Indicated by National Relativity		33%	0.6315	24%	0.4819	1.113			
Pure Premium Present on Rate Level		34%	0.5541	25%	0.4935	1.048			
Pure Premium Derived by Formula		0.5870		0.5557		1.143			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 6325		CONDUIT CONSTRUCTION-FOR CABLES OR WIRES-& DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	91,649,365	7	624,061	14	331,139	676,260	370,900	2,002,360	2.185
1/20 through 12/20	107,681,544	3	159,246	20	854,878	94,289	676,009	1,784,422	1.657
1/21 through 12/21	121,887,207	6	559,706	10	148,051	343,050	253,572	1,304,379	1.070
1/22 through 12/22	148,681,807	3	145,283	10	233,641	641,355	178,824	1,199,103	0.807
1/23 through 12/23	181,318,106	3	338,394	15	527,950	227,307	450,141	1,543,792	0.851
5 YR. TOTAL	651,218,029	22	1,826,690	69	2,095,659	1,982,261	1,929,446	7,834,056	1.203
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		31%	0.6023		47%	0.6007		1.203	
Pure Premium Indicated by National Relativity		34%	0.5842		26%	0.4835		1.068	
Pure Premium Present on Rate Level		35%	0.6587		27%	0.5959		1.255	
Pure Premium Derived by Formula			0.6159			0.5689		1.185	

CLASS 6400		FENCE INSTALLATION AND REPAIR - METAL, VINYL, WOOD, OR PREFABRICATED CONCRETE PANEL FENCE INSTALLED BY HAND							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	49,214,959	0	0	15	211,249	0	240,035	451,284	0.917
1/20 through 12/20	54,752,467	3	131,168	16	90,407	154,323	182,366	558,264	1.020
1/21 through 12/21	63,301,987	2	108,978	14	242,009	104,422	217,245	672,654	1.063
1/22 through 12/22	73,992,146	1	99,837	11	191,107	0	161,577	452,521	0.612
1/23 through 12/23	82,006,099	1	93,188	9	136,904	57,539	167,899	455,530	0.556
5 YR. TOTAL	323,267,658	7	433,171	65	871,676	316,284	969,122	2,590,253	0.801
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		22%	0.4036		33%	0.3976		0.801	
Pure Premium Indicated by National Relativity		39%	0.7977		33%	0.6833		1.481	
Pure Premium Present on Rate Level		39%	0.7005		34%	0.5770		1.278	
Pure Premium Derived by Formula			0.6731			0.5529		1.226	

CLASS 6503		POTATO CHIP, POPCORN & SNACK CHIP MFG. NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	36,632,035	1	3,542	5	110,099	3,872	64,009	181,522	0.496
1/20 through 12/20	41,074,260	1	33,943	6	145,318	14,274	152,564	346,099	0.843
1/21 through 12/21	43,829,970	1	191,142	7	177,872	40,828	89,378	499,220	1.139
1/22 through 12/22	57,694,086	0	0	7	36,574	0	34,098	70,672	0.123
1/23 through 12/23	64,278,919	2	138,669	9	240,132	118,554	262,597	759,952	1.182
5 YR. TOTAL	243,509,270	5	367,296	34	709,995	177,528	602,646	1,857,465	0.763
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		15%	0.4424		21%	0.3204		0.763	
Pure Premium Indicated by National Relativity		42%	0.4074		39%	0.3130		0.720	
Pure Premium Present on Rate Level		43%	0.4166		40%	0.3225		0.739	
Pure Premium Derived by Formula			0.4166			0.3184		0.735	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 6504		FOOD PRODUCTS MFG. NOC							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	188,494,438	12	502,357	40	596,393	236,641	657,078	1,992,469	1.057
1/20 through 12/20	216,837,035	7	94,665	76	965,816	107,879	1,005,756	2,174,116	1.003
1/21 through 12/21	218,069,031	7	124,594	72	1,551,750	122,646	1,502,060	3,301,050	1.514
1/22 through 12/22	260,130,024	10	904,790	49	656,724	579,942	826,230	2,967,686	1.141
1/23 through 12/23	317,167,858	7	754,053	66	1,797,740	277,925	1,953,351	4,783,069	1.508
5 YR. TOTAL	1,200,698,386	43	2,380,459	303	5,568,423	1,325,033	5,944,475	15,218,390	1.267
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		37%	0.6620	58%	0.6054			1.267	
Pure Premium Indicated by National Relativity		31%	0.5155	21%	0.4147			0.930	
Pure Premium Present on Rate Level		32%	0.5171	21%	0.4934			1.011	
Pure Premium Derived by Formula		0.5702		0.5418				1.112	

CLASS 6811		BOAT BUILDING-WOOD-NOC & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,639,830	0	0	1	910	0	1,157	2,067	0.126
1/20 through 12/20	719,206	0	0	1	3,435	0	677	4,112	0.572
1/21 through 12/21	647,245	0	0	0	0	0	413	413	0.064
1/22 through 12/22	868,935	0	0	0	0	0	1,071	1,071	0.123
1/23 through 12/23	585,604	0	0	0	0	0	918	918	0.157
5 YR. TOTAL	4,460,820	0	0	2	4,345	0	4,236	8,581	0.192
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		3%	0.0974	4%	0.0950			0.192	
Pure Premium Indicated by National Relativity		7%	0.5155	8%	0.4277			0.943	
Pure Premium Present on Rate Level		90%	0.7547	88%	0.7445			1.499	
Pure Premium Derived by Formula		0.7182		0.6932				1.411	

CLASS 6834		BOAT BUILDING OR REPAIR & DRIVERS							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	75,182,141	2	17,709	18	337,673	41,208	269,024	665,614	0.885
1/20 through 12/20	79,850,729	5	140,570	26	351,546	69,669	356,887	918,672	1.151
1/21 through 12/21	116,810,868	1	29,267	22	328,159	6,474	203,028	566,928	0.485
1/22 through 12/22	91,865,647	1	112,274	18	338,494	58,846	258,963	768,577	0.837
1/23 through 12/23	112,700,536	5	553,019	10	150,890	374,968	142,936	1,221,813	1.084
5 YR. TOTAL	476,409,921	14	852,839	94	1,506,762	551,165	1,230,838	4,141,604	0.869
		INDEMNITY		MEDICAL				TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		23%	0.4953	34%	0.3740			0.869	
Pure Premium Indicated by National Relativity		38%	0.5907	33%	0.5097			1.100	
Pure Premium Present on Rate Level		39%	0.4963	33%	0.4115			0.908	
Pure Premium Derived by Formula		0.5319		0.4312				0.963	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 6836		MARINA & DRIVERS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	17,864,564	1	24,106	3	23,539	15,675	32,172	95,492	0.535
1/20 through 12/20	22,528,805	0	0	5	5,289	0	28,396	33,685	0.150
1/21 through 12/21	28,874,042	0	0	4	6,029	0	24,564	30,593	0.106
1/22 through 12/22	36,786,784	0	0	5	81,456	0	112,606	194,062	0.528
1/23 through 12/23	37,486,686	0	0	3	17,455	0	43,612	61,067	0.163
5 YR. TOTAL	143,540,881	1	24,106	20	133,768	15,675	241,350	414,899	0.289
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		12%	0.1100	19%		0.1791		0.289	
Pure Premium Indicated by National Relativity		44%	0.5520	40%		0.5361		1.088	
Pure Premium Present on Rate Level		44%	0.4986	41%		0.4501		0.949	
Pure Premium Derived by Formula		0.4755				0.4330		0.909	

CLASS 6854		SHIP BUILDING-IRON OR STEEL-NOC & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		0%	0.0000	0%		0.0000		0.000	
Pure Premium Indicated by National Relativity		13%	0.7596	14%		0.6513		1.411	
Pure Premium Present on Rate Level		87%	1.0225	86%		0.8248		1.847	
Pure Premium Derived by Formula		0.9883				0.8005		1.789	

CLASS 6882		SHIP REPAIR CONVERSION-ALL OPERATIONS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.	PURE PREM.*			PURE PREM.*	
Indicated Pure Premium		0%	0.0000	0%		0.0000		0.000	
Pure Premium Indicated by National Relativity		8%	0.5942	8%		0.1602		0.754	
Pure Premium Present on Rate Level		92%	0.5290	92%		0.4980		1.027	
Pure Premium Derived by Formula		0.5342				0.4710		1.005	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 6884		PAINTING-SHIP HULLS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	2,326,543	0	0	0	0	0	0	0	0.000
1/20 through 12/20	2,787,709	0	0	0	0	0	0	0	0.000
1/21 through 12/21	4,791,746	0	0	1	84,050	0	58,859	142,909	2.982
1/22 through 12/22	4,194,693	0	0	0	0	0	0	0	0.000
1/23 through 12/23	4,367,550	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	18,468,241	0	0	1	84,050	0	58,859	142,909	0.774
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.4551	7%	0.3187	0.774			
Pure Premium Indicated by National Relativity		4%	0.4003	4%	0.1157	0.516			
Pure Premium Present on Rate Level		91%	0.7257	89%	0.4184	1.144			
Pure Premium Derived by Formula		0.6992		0.3993		1.099			

CLASS 7016 + +		VESSELS-NOC-PROGRAM I							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		100%	1.0057	100%	0.5455	1.551			
Pure Premium Derived by Formula		1.0057		0.5455		1.551			

CLASS 7024		VESSELS-NOC-PROGRAM II-STATE ACT WITH PROGRAM I AND PROGRAM II USL DATA ADDED FOR RATEMAKING							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	539,529	0	0	1	595	0	12,137	12,732	2.360
1/20 through 12/20	271,743	0	0	0	0	0	0	0	0.000
1/21 through 12/21	533,912	0	0	0	0	0	0	0	0.000
1/22 through 12/22	260,769	0	0	0	0	0	0	0	0.000
1/23 through 12/23	641,960	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	2,247,913	0	0	1	595	0	12,137	12,732	0.566
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.0265	3%	0.5399	0.566			
Pure Premium Indicated by National Relativity		13%	0.7587	13%	0.4802	1.239			
Pure Premium Present on Rate Level		85%	1.1173	84%	0.6060	1.723			
Pure Premium Derived by Formula		1.0489		0.5877		1.637			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7038 + +		BOAT LIVERY-BOATS UNDER 15 TONS-PROGRAM I							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		100%	0.7253	100%	1.8814	2.607			
Pure Premium Derived by Formula		0.7253		1.8814		2.607			

CLASS 7046 + +		VESSELS-NOT SELF-PROPELLED-PROGRAM I							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		100%	1.1320	100%	1.0838	2.216			
Pure Premium Derived by Formula		1.1320		1.0838		2.216			

CLASS 7047 + +		VESSELS-NOC-PROGRAM II-USL ACT							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		100%	1.3706	100%	0.9936	2.364			
Pure Premium Derived by Formula		1.3706		0.9936		2.364			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7050 ++		BOAT LIVERY-BOATS UNDER 15 TONS-PROGRAM II-USL ACT							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		100%	2.4107	100%	0.8926	3.303			
Pure Premium Derived by Formula		2.4107		0.8926		3.303			

CLASS 7090		BOAT LIVERY-BOATS UNDER 15 TONS-PROGRAM II-STATE ACT WITH PROGRAM I AND PROGRAM II USL DATA ADDED FOR RATEMAKING							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	143,852	1	16,324	0	0	49,015	0	65,339	45.421
1/20 through 12/20	115,650	0	0	0	0	0	0	0	0.000
1/21 through 12/21	124,466	0	0	0	0	0	0	0	0.000
1/22 through 12/22	215,535	0	0	0	0	0	0	0	0.000
1/23 through 12/23	215,619	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	815,122	1	16,324	0	0	49,015	0	65,339	8.016
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	2.0027	3%	6.0132	8.016			
Pure Premium Indicated by National Relativity		8%	0.6874	9%	0.9720	1.659			
Pure Premium Present on Rate Level		91%	0.8060	88%	2.0909	2.897			
Pure Premium Derived by Formula		0.8085		2.1079		2.916			

CLASS 7098		VESSELS-NOT SELF-PROPELLED-PROGRAM II-STATE ACT WITH PROGRAM I AND PROGRAM II USL DATA ADDED FOR RATEMAKING							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,000	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,000	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,000	0	0	0	0	0	0	0	0.000
1/22 through 12/22	1,000	0	0	1	11,427	0	25,656	37,083	3708.300
1/23 through 12/23	1,000	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	5,000	0	0	1	11,427	0	25,656	37,083	741.664
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	228.5360	0%	513.1280	741.664			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.8577	0.858			
Pure Premium Present on Rate Level		100%	1.2575	100%	1.2040	2.462			
Pure Premium Derived by Formula		1.2575		1.2040		2.462			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7099 + +		VESSELS-NOT SELF-PROPELLED-PROGRAM II-USL ACT							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		100%	1.9905	100%	1.9032	3.894			
Pure Premium Derived by Formula		1.9905		1.9032		3.894			

CLASS 7133		RAILROAD OPERATION: NOC-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,876,499	0	0	2	6,393	0	10,018	16,411	0.571
1/20 through 12/20	3,329,467	0	0	2	1,750	0	8,574	10,324	0.310
1/21 through 12/21	2,375,325	0	0	0	0	0	0	0	0.000
1/22 through 12/22	5,159,124	0	0	1	57	0	20,598	20,655	0.400
1/23 through 12/23	5,963,780	0	0	0	0	0	4,919	4,919	0.083
5 YR. TOTAL	19,704,195	0	0	5	8,200	0	44,109	52,309	0.266
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.0416	8%	0.2239	0.266			
Pure Premium Indicated by National Relativity		23%	1.0823	25%	0.6693	1.752			
Pure Premium Present on Rate Level		72%	0.5212	67%	0.5582	1.079			
Pure Premium Derived by Formula		0.6263		0.5592		1.186			

CLASS 7219		TRUCKING: NOC-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,755,787,241	161	12,081,632	635	19,130,041	7,935,655	12,091,330	51,238,658	2.918
1/20 through 12/20	1,902,111,150	181	17,750,826	734	26,746,612	10,413,511	15,901,205	70,812,154	3.723
1/21 through 12/21	2,134,686,616	210	19,618,245	742	29,891,232	10,755,539	18,437,050	78,702,066	3.687
1/22 through 12/22	2,216,866,256	174	18,837,924	730	30,178,361	10,884,756	17,595,250	77,496,291	3.496
1/23 through 12/23	2,325,135,455	139	16,667,481	588	25,368,280	8,695,766	14,468,994	65,200,521	2.804
5 YR. TOTAL	10,334,586,718	865	84,956,108	3,429	131,314,526	48,685,227	78,493,829	343,449,690	3.323
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	2.0927	100%	1.2306	3.323			
Pure Premium Indicated by National Relativity		0%	1.9964	0%	1.0797	3.076			
Pure Premium Present on Rate Level		0%	2.1301	0%	1.2565	3.387			
Pure Premium Derived by Formula		2.0927		1.2306		3.323			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7222		TRUCKING: OIL FIELD EQUIPMENT-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	6,028	0	0	0	0	0	0	0	0.000
1/20 through 12/20	111,975	0	0	0	0	0	0	0	0.000
1/21 through 12/21	34,356	0	0	0	0	0	0	0	0.000
1/22 through 12/22	156,294	0	0	0	0	0	0	0	0.000
1/23 through 12/23	6,365	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	315,018	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.0000	1%	0.0000	0.000			
Pure Premium Indicated by National Relativity		23%	2.0945	24%	1.4162	3.511			
Pure Premium Present on Rate Level		76%	1.8997	75%	1.0533	2.953			
Pure Premium Derived by Formula			1.9255		1.1299	3.055			

CLASS 7225		AUTOMOBILE TOWING & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	31,520,874	4	298,006	12	328,264	186,781	233,565	1,046,616	3.320
1/20 through 12/20	42,700,131	4	76,545	14	290,661	38,721	254,427	660,354	1.547
1/21 through 12/21	49,649,549	3	124,482	9	675,349	163,243	340,209	1,303,283	2.625
1/22 through 12/22	57,188,335	4	316,049	17	1,076,346	205,257	308,007	1,905,659	3.332
1/23 through 12/23	66,635,609	4	273,941	24	1,245,361	113,133	931,261	2,563,696	3.847
5 YR. TOTAL	247,694,498	19	1,089,023	76	3,615,981	707,135	2,067,469	7,479,608	3.020
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	1.8995	38%	1.1202	3.020			
Pure Premium Indicated by National Relativity		34%	1.7878	31%	1.0423	2.830			
Pure Premium Present on Rate Level		34%	1.9217	31%	1.0405	2.962			
Pure Premium Derived by Formula			1.8691		1.0713	2.940			

CLASS 7230		TRUCKING: PARCEL OR PACKAGE DELIVERY-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	16,153,141	1	17,956	17	85,582	4,395	94,741	202,674	1.255
1/20 through 12/20	2,949,004	2	45,248	1	1,260	18,051	1,062	65,621	2.225
1/21 through 12/21	3,827,010	2	127,955	1	42,896	114,092	22,263	307,206	8.027
1/22 through 12/22	10,367,693	3	97,154	4	198,513	62,718	133,979	492,364	4.749
1/23 through 12/23	12,600,073	2	36,456	18	511,787	11,314	286,169	845,726	6.712
5 YR. TOTAL	45,896,921	10	324,769	41	840,038	210,570	538,214	1,913,591	4.169
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	2.5379	18%	1.6314	4.169			
Pure Premium Indicated by National Relativity		43%	1.9943	41%	1.1255	3.120			
Pure Premium Present on Rate Level		43%	1.9678	41%	1.1781	3.146			
Pure Premium Derived by Formula			2.0590		1.2381	3.297			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7231		MAIL, PARCEL OR PACKAGE DELIVERY AND COURIER OR MESSENGER SERVICE COMPANIES -- ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	160,329,720	28	1,169,349	173	2,895,626	385,252	1,776,326	6,226,553	3.884
1/20 through 12/20	284,575,635	42	1,460,729	310	3,949,976	877,298	2,783,653	9,071,656	3.188
1/21 through 12/21	321,152,194	39	1,158,414	307	4,353,222	712,093	2,770,959	8,994,688	2.801
1/22 through 12/22	348,589,312	40	1,508,436	288	3,866,401	586,693	2,644,484	8,606,014	2.469
1/23 through 12/23	387,189,454	31	2,067,894	320	5,773,744	1,190,216	3,473,012	12,504,866	3.230
5 YR. TOTAL	1,501,836,315	180	7,364,822	1,398	20,838,969	3,751,552	13,448,434	45,403,777	3.023
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		80%	1.8780	99%	1.1453	3.023			
Pure Premium Indicated by National Relativity		10%	2.1222	0%	1.2399	3.362			
Pure Premium Present on Rate Level		10%	1.9713	1%	1.1462	3.118			
Pure Premium Derived by Formula		1.9118		1.1453		3.057			

CLASS 7232		TRUCKING: MAIL PARCEL OR PACKAGE DELIVERY-UNDER CONTRACT WITH THE U.S. POSTAL SERVICE-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	52,616,468	6	664,902	30	936,194	362,352	342,670	2,306,118	4.383
1/20 through 12/20	48,115,980	7	378,558	26	786,108	179,727	354,564	1,698,957	3.531
1/21 through 12/21	52,912,378	7	726,951	26	1,341,035	263,197	914,895	3,246,078	6.135
1/22 through 12/22	50,183,682	3	437,166	16	340,455	134,275	200,726	1,112,622	2.217
1/23 through 12/23	49,496,566	3	203,109	14	344,553	149,626	199,577	896,865	1.812
5 YR. TOTAL	253,325,074	26	2,410,686	112	3,748,345	1,089,177	2,012,432	9,260,640	3.656
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		38%	2.4313	43%	1.2244	3.656			
Pure Premium Indicated by National Relativity		31%	2.4448	28%	1.2349	3.680			
Pure Premium Present on Rate Level		31%	2.6195	29%	1.2907	3.910			
Pure Premium Derived by Formula		2.4938		1.2466		3.740			

CLASS 7333 + +		DREDGING-ALL TYPES-PROGRAM I							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		100%	0.6247	100%	0.3697	0.994			
Pure Premium Derived by Formula		0.6247		0.3697		0.994			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7335		DREDGING-ALL TYPES-PROGRAM II-STATE ACT WITH PROGRAM I AND PROGRAM II USL DATA ADDED FOR RATEMAKING							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	233,620	0	0	0	0	0	0	0	0.000
1/20 through 12/20	200,000	0	0	0	0	0	0	0	0.000
1/21 through 12/21	648,600	0	0	0	0	0	0	0	0.000
1/22 through 12/22	275,265	1	2	0	0	0	0	2	0.001
1/23 through 12/23	150,000	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	1,507,485	1	2	0	0	0	0	2	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	0.0001	2%	0.0000	0.000			
Pure Premium Indicated by National Relativity		3%	0.7246	3%	0.9852	1.710			
Pure Premium Present on Rate Level		95%	0.6937	95%	0.4105	1.104			
Pure Premium Derived by Formula			0.6808		0.4195	1.100			

CLASS 7337 + +		DREDGING-ALL TYPES-PROGRAM II-USL ACT							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		100%	1.3876	100%	0.6957	2.083			
Pure Premium Derived by Formula			1.3876		0.6957	2.083			

CLASS 7360		FREIGHT HANDLING NOC							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	43,119,122	3	253,100	15	260,526	88,294	199,159	801,079	1.858
1/20 through 12/20	51,632,415	3	379,091	21	438,019	318,458	581,112	1,716,680	3.325
1/21 through 12/21	120,683,632	3	80,274	35	1,229,656	34,564	720,629	2,065,123	1.711
1/22 through 12/22	113,859,246	6	133,374	24	483,226	43,226	344,766	1,004,592	0.882
1/23 through 12/23	59,105,581	3	416,563	13	265,347	132,412	195,972	1,010,294	1.709
5 YR. TOTAL	388,399,996	18	1,262,402	108	2,676,774	616,954	2,041,638	6,597,768	1.699
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		30%	1.0142	41%	0.6845	1.699			
Pure Premium Indicated by National Relativity		35%	0.9883	29%	0.7434	1.732			
Pure Premium Present on Rate Level		35%	1.0519	30%	0.7605	1.812			
Pure Premium Derived by Formula			1.0183		0.7244	1.743			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7370		TAXICAB CO.: ALL OTHER EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	18,398,658	2	18,226	7	83,487	21,882	61,815	185,410	1.008
1/20 through 12/20	16,730,022	4	164,309	3	103,179	102,568	73,784	443,840	2.653
1/21 through 12/21	22,796,245	7	256,478	5	24,906	49,100	22,840	353,324	1.550
1/22 through 12/22	25,569,922	3	108,007	10	61,130	141,919	47,550	358,606	1.403
1/23 through 12/23	32,072,400	6	211,093	5	78,140	70,559	34,442	394,234	1.229
5 YR. TOTAL	115,567,247	22	758,113	30	350,842	386,028	240,431	1,735,414	1.502
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.9596	24%	0.5421	1.502			
Pure Premium Indicated by National Relativity		41%	1.3488	38%	1.0108	2.360			
Pure Premium Present on Rate Level		42%	1.1306	38%	0.8351	1.966			
Pure Premium Derived by Formula			1.1910		0.8315	2.023			

CLASS 7380		DRIVERS, CHAUFFEURS, MESSENGERS AND THEIR HELPERS NOC-COMMERCIAL							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	970,032,854	81	5,437,548	357	7,588,925	3,466,953	5,572,002	22,065,428	2.275
1/20 through 12/20	1,046,277,303	74	4,588,161	396	8,346,081	3,043,680	6,280,071	22,257,993	2.127
1/21 through 12/21	1,152,869,048	78	5,733,075	396	10,744,115	2,344,104	6,680,640	25,501,934	2.212
1/22 through 12/22	1,196,917,845	82	7,509,012	383	11,565,037	3,066,993	7,157,520	29,298,562	2.448
1/23 through 12/23	1,272,294,452	66	6,416,682	320	9,792,348	3,025,379	6,345,277	25,579,686	2.011
5 YR. TOTAL	5,638,391,502	381	29,684,478	1,852	48,036,506	14,947,109	32,035,510	124,703,603	2.212
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	1.3784	100%	0.8333	2.212			
Pure Premium Indicated by National Relativity		0%	1.4933	0%	0.9466	2.440			
Pure Premium Present on Rate Level		0%	1.2634	0%	0.8088	2.072			
Pure Premium Derived by Formula			1.3784		0.8333	2.212			

CLASS 7382		BUS CO.: ALL OTHER EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	83,622,789	16	629,571	46	912,889	437,272	585,976	2,565,708	3.068
1/20 through 12/20	76,157,284	10	257,839	57	794,823	140,343	492,404	1,685,409	2.213
1/21 through 12/21	80,675,031	26	918,176	38	593,521	394,942	493,958	2,400,597	2.976
1/22 through 12/22	91,119,577	11	523,099	36	581,004	233,659	389,393	1,727,155	1.896
1/23 through 12/23	119,666,233	17	640,529	26	370,381	685,383	396,958	2,093,251	1.749
5 YR. TOTAL	451,240,914	80	2,969,214	203	3,252,618	1,891,599	2,358,689	10,472,120	2.321
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		36%	1.3788	50%	0.9419	2.321			
Pure Premium Indicated by National Relativity		32%	1.0993	25%	0.7899	1.889			
Pure Premium Present on Rate Level		32%	1.3629	25%	0.9513	2.314			
Pure Premium Derived by Formula			1.2843		0.9063	2.191			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7390		BEER OR ALE DEALER-WHOLESALE & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	92,751,090	9	426,273	35	419,462	279,031	639,078	1,763,844	1.902
1/20 through 12/20	100,913,727	7	458,868	45	398,425	342,117	426,273	1,625,683	1.611
1/21 through 12/21	109,265,477	2	58,919	43	538,943	14,076	572,625	1,184,563	1.084
1/22 through 12/22	118,286,738	13	930,452	41	654,795	506,700	458,102	2,550,049	2.156
1/23 through 12/23	124,687,027	4	286,256	44	713,512	489,125	659,569	2,148,462	1.723
5 YR. TOTAL	545,904,059	35	2,160,768	208	2,725,137	1,631,049	2,755,647	9,272,601	1.699
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		33%	0.8950	46%	0.8036	1.699			
Pure Premium Indicated by National Relativity		33%	0.9569	27%	0.6863	1.643			
Pure Premium Present on Rate Level		34%	0.9253	27%	0.6991	1.624			
Pure Premium Derived by Formula		0.9257		0.7437		1.669			

CLASS 7394 + +		DIVING, SALVAGE, WRECKING-MARINE-PROGRAM I							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		100%	1.6311	100%	0.5821	2.213			
Pure Premium Derived by Formula		1.6311		0.5821		2.213			

CLASS 7395		DIVING, SALVAGE, WRECKING-MARINE-PROGRAM II-STATE ACT WITH PROGRAM I AND PROGRAM II USL DATA ADDED FOR RATEMAKING							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	62,549	0	0	0	0	0	0	0	0.000
1/20 through 12/20	1,184,239	0	0	1	372,982	0	63,825	436,807	36.885
1/21 through 12/21	16,840	0	0	0	0	0	0	0	0.000
1/22 through 12/22	104,117	0	0	0	0	0	0	0	0.000
1/23 through 12/23	783,646	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	2,151,391	0	0	1	372,982	0	63,825	436,807	20.304
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	17.3368	3%	2.9667	20.304			
Pure Premium Indicated by National Relativity		4%	0.0688	4%	0.1608	0.230			
Pure Premium Present on Rate Level		93%	1.8120	93%	0.6467	2.459			
Pure Premium Derived by Formula		2.2080		0.6969		2.905			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7398 ++		DIVING, SALVAGE, WRECKING-MARINE-PROGRAM II-USL ACT							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		100%	1.4107	100%	0.8926	2.303			
Pure Premium Derived by Formula		1.4107		0.8926		2.303			

CLASS 7402		AVIATION-AIR TRAFFIC CONTROLLERS UNDER CONTRACT WITH THE FAA							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	3,246,007	0	0	0	0	0	0	0	0.000
1/20 through 12/20	3,005,981	0	0	0	0	0	0	0	0.000
1/21 through 12/21	2,944,073	0	0	0	0	0	0	0	0.000
1/22 through 12/22	2,931,587	0	0	0	0	0	0	0	0.000
1/23 through 12/23	2,876,804	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	15,004,452	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.0000	1%	0.0000	0.000			
Pure Premium Indicated by National Relativity		4%	0.0248	4%	0.0330	0.058			
Pure Premium Present on Rate Level		95%	0.0271	95%	0.0139	0.041			
Pure Premium Derived by Formula		0.0267		0.0145		0.041			

CLASS 7403		AVIATION: ALL OTHER EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	715,389,454	29	1,388,302	238	5,032,601	662,317	3,346,532	10,429,752	1.458
1/20 through 12/20	549,372,849	45	2,616,555	220	3,888,851	1,389,548	2,654,756	10,549,710	1.920
1/21 through 12/21	599,664,911	46	2,771,009	261	3,905,104	1,016,510	2,774,934	10,467,557	1.746
1/22 through 12/22	833,550,625	47	3,494,935	318	8,096,120	1,445,862	4,543,336	17,580,253	2.109
1/23 through 12/23	712,594,686	42	2,269,530	343	7,666,799	1,398,921	4,994,062	16,329,312	2.292
5 YR. TOTAL	3,410,572,525	209	12,540,331	1,380	28,589,475	5,913,158	18,313,620	65,356,584	1.916
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		86%	1.2060	100%	0.7103	1.916			
Pure Premium Indicated by National Relativity		7%	0.9245	0%	0.6249	1.549			
Pure Premium Present on Rate Level		7%	0.9945	0%	0.6183	1.613			
Pure Premium Derived by Formula		1.1715		0.7103		1.882			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7405		AVIATION: AIR CARRIER - SCHEDULED, COMMUTER OR SUPPLEMENTAL - FLYING CREW							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	639,578,605	8	430,300	103	1,839,309	208,961	1,074,708	3,553,278	0.556
1/20 through 12/20	559,753,568	12	724,973	70	1,731,838	318,492	703,201	3,478,504	0.621
1/21 through 12/21	743,185,593	21	1,378,739	107	1,768,037	454,932	1,063,236	4,664,944	0.628
1/22 through 12/22	907,570,346	16	1,103,831	124	2,451,628	628,340	1,190,411	5,374,210	0.592
1/23 through 12/23	1,378,274,740	17	1,479,950	118	3,140,977	601,688	1,581,953	6,804,568	0.494
5 YR. TOTAL	4,228,362,852	74	5,117,793	522	10,931,789	2,212,413	5,613,509	23,875,504	0.565
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		58%	0.3796		66%	0.1851		0.565	
Pure Premium Indicated by National Relativity		21%	0.3752		17%	0.1614		0.537	
Pure Premium Present on Rate Level		21%	0.3656		17%	0.1817		0.547	
Pure Premium Derived by Formula		0.3757			0.1805			0.556	

CLASS 7420	AVIATION: STUNT FLYING, RACING, OR PARACHUTE JUMPING FLYING CREW								
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	308,345	0	0	0	0	0	0	0	0.000
1/20 through 12/20	2,321,002	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,581,250	1	57,304	4	49,343	135,701	15,152	257,500	16.285
1/22 through 12/22	1,402,013	0	0	1	4,569	0	2,018	6,587	0.470
1/23 through 12/23	1,745,896	1	24,992	0	0	17,959	0	42,951	2.460
5 YR. TOTAL	7,358,506	2	82,296	5	53,912	153,660	17,170	307,038	4.173
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		6%	1.8510		7%	2.3215		4.173	
Pure Premium Indicated by National Relativity		11%	2.0991		12%	0.9363		3.035	
Pure Premium Present on Rate Level		83%	2.1325		81%	1.0074		3.140	
Pure Premium Derived by Formula		2.1119			1.0909			3.203	

CLASS 7421	AVIATION - TRANSPORTATION OF PERSONNEL IN CONDUCT OF EMPLOYER'S BUSINESS - FLYING CREW								
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	43,870,950	0	0	0	0	0	1,979	1,979	0.005
1/20 through 12/20	44,260,477	0	0	1	3,770	0	8,129	11,899	0.027
1/21 through 12/21	48,029,116	0	0	0	0	0	6,575	6,575	0.014
1/22 through 12/22	49,164,859	0	0	2	16,943	0	15,460	32,403	0.066
1/23 through 12/23	60,389,372	0	0	1	83,448	0	145,275	228,723	0.379
5 YR. TOTAL	245,714,774	0	0	4	104,161	0	177,418	281,579	0.115
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		9%	0.0424		11%	0.0722		0.115	
Pure Premium Indicated by National Relativity		18%	0.1612		19%	0.0881		0.249	
Pure Premium Present on Rate Level		73%	0.1410		70%	0.0930		0.234	
Pure Premium Derived by Formula		0.1358			0.0898			0.226	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7422		AVIATION:NOC - OTHER THAN HELICOPTERS - FLYING CREW							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	27,578,343	0	0	3	27,321	0	36,264	63,585	0.231
1/20 through 12/20	30,623,442	0	0	0	0	0	0	0	0.000
1/21 through 12/21	34,882,406	1	8,189	0	0	9,625	0	17,814	0.051
1/22 through 12/22	40,768,305	0	0	0	0	0	8,510	8,510	0.021
1/23 through 12/23	39,008,422	1	321,833	1	207,174	249,038	404,057	1,182,102	3.030
5 YR. TOTAL	172,860,918	2	330,022	4	234,495	258,663	448,831	1,272,011	0.736
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	0.3266	12%	0.4093	0.736			
Pure Premium Indicated by National Relativity		22%	0.3383	24%	0.1994	0.538			
Pure Premium Present on Rate Level		69%	0.2209	64%	0.1482	0.369			
Pure Premium Derived by Formula		0.2562		0.1918		0.448			

CLASS 7425		AVIATION: HELICOPTERS - FLYING CREW							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	13,037,836	0	0	3	17,213	0	11,249	28,462	0.218
1/20 through 12/20	13,362,920	0	0	0	0	0	3,284	3,284	0.025
1/21 through 12/21	13,731,931	0	0	1	96,357	0	36,066	132,423	0.964
1/22 through 12/22	17,229,491	1	10,379	3	547,642	2,576	172,093	732,690	4.253
1/23 through 12/23	19,216,361	0	0	0	0	0	3,274	3,274	0.017
5 YR. TOTAL	76,578,539	1	10,379	7	661,212	2,576	225,966	900,133	1.175
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.8770	11%	0.2984	1.175			
Pure Premium Indicated by National Relativity		32%	0.8950	34%	0.3338	1.229			
Pure Premium Present on Rate Level		58%	0.6585	55%	0.2827	0.941			
Pure Premium Derived by Formula		0.7560		0.3018		1.058			

CLASS 7431		AVIATION: AIR CHARTER OR AIR TAXI - FLYING CREW							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	62,304,370	0	0	3	436,162	0	92,531	528,693	0.849
1/20 through 12/20	89,202,826	1	68,925	0	0	0	2,684	71,609	0.080
1/21 through 12/21	89,680,129	1	6,017	1	5,621	0	4,464	16,102	0.018
1/22 through 12/22	119,201,160	0	0	4	93,863	0	109,327	203,190	0.170
1/23 through 12/23	84,165,542	0	0	4	200,747	0	118,514	319,261	0.379
5 YR. TOTAL	444,554,027	2	74,942	12	736,393	0	327,520	1,138,855	0.256
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		15%	0.1825	17%	0.0737	0.256			
Pure Premium Indicated by National Relativity		27%	0.2143	29%	0.0966	0.311			
Pure Premium Present on Rate Level		58%	0.2421	54%	0.1088	0.351			
Pure Premium Derived by Formula		0.2257		0.0993		0.325			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7502	GAS COMPANY: GAS CO.-NATURAL GAS-LOCAL DISTRIBUTION & DRIVERS								
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	6,942,504	0	0	0	0	0	1,856	1,856	0.027
1/20 through 12/20	6,987,351	1	8,205	5	7,328	8,538	27,321	51,392	0.736
1/21 through 12/21	3,624,060	0	0	1	6,771	0	16,585	23,356	0.644
1/22 through 12/22	7,131,489	0	0	0	0	0	12,451	12,451	0.175
1/23 through 12/23	4,718,730	0	0	1	33,206	0	4,288	37,494	0.795
5 YR. TOTAL	29,404,134	1	8,205	7	47,305	8,538	62,501	126,549	0.430
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		6%	0.1888		8%	0.2416		0.430	
Pure Premium Indicated by National Relativity		42%	0.5664		45%	0.3975		0.964	
Pure Premium Present on Rate Level		52%	0.4935		47%	0.3678		0.861	
Pure Premium Derived by Formula		0.5058			0.3711			0.877	

CLASS 7515	OIL OR GAS PIPELINE OPERATION & DRIVERS								
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	26,172,189	0	0	2	167,317	0	266,253	433,570	1.657
1/20 through 12/20	25,241,844	0	0	2	55,164	0	54,607	109,771	0.435
1/21 through 12/21	26,057,849	0	0	0	0	0	0	0	0.000
1/22 through 12/22	28,411,531	0	0	1	3,397	0	9,442	12,839	0.045
1/23 through 12/23	29,157,810	1	102,467	0	0	47,087	6,843	156,397	0.536
5 YR. TOTAL	135,041,223	1	102,467	5	225,878	47,087	337,145	712,577	0.528
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		8%	0.2431		12%	0.2845		0.528	
Pure Premium Indicated by National Relativity		33%	0.1870		36%	0.1486		0.336	
Pure Premium Present on Rate Level		59%	0.2196		52%	0.1787		0.398	
Pure Premium Derived by Formula		0.2107			0.1806			0.391	

CLASS 7520	WATERWORKS OPERATION & DRIVERS								
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
		CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	50,636,143	0	0	6	63,361	0	55,518	118,879	0.235
1/20 through 12/20	50,075,218	1	422	8	178,164	0	95,824	274,410	0.548
1/21 through 12/21	54,000,226	2	46,732	6	62,592	9,354	61,320	179,998	0.333
1/22 through 12/22	56,154,474	4	324,198	7	385,483	117,872	134,592	962,145	1.713
1/23 through 12/23	53,911,496	0	0	1	30,679	0	50,884	81,563	0.151
5 YR. TOTAL	264,777,557	7	371,352	28	720,279	127,226	398,138	1,616,995	0.611
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		17%	0.4123		24%	0.1984		0.611	
Pure Premium Indicated by National Relativity		41%	0.5543		38%	0.4773		1.032	
Pure Premium Present on Rate Level		42%	0.5223		38%	0.3699		0.892	
Pure Premium Derived by Formula		0.5167			0.3696			0.886	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7529		ELECTRIC LIGHT OR POWER LINE CONSTRUCTION-REA PROJECT ONLY & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	4,905,144	0	0	0	0	0	605	605	0.012
1/20 through 12/20	4,145,508	0	0	0	0	0	2,519	2,519	0.061
1/21 through 12/21	3,946,156	0	0	2	67,573	0	232,870	300,443	7.614
1/22 through 12/22	4,989,082	0	0	1	238,709	0	241,680	480,389	9.629
1/23 through 12/23	6,612,358	0	0	1	90,179	0	70,200	160,379	2.425
5 YR. TOTAL	24,598,248	0	0	4	396,461	0	547,874	944,335	3.839
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	1.6117	15%	2.2273	3.839			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		89%	2.1684	85%	1.4752	3.644			
Pure Premium Derived by Formula		2.1072		1.5880		3.695			

CLASS 7538		ELECTRIC LIGHT OR POWER LINE CONSTRUCTION & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	196,851,230	4	248,655	19	526,494	147,178	415,032	1,337,359	0.679
1/20 through 12/20	231,925,918	2	66,217	24	1,036,216	42,690	628,720	1,773,843	0.765
1/21 through 12/21	301,897,449	9	902,348	23	1,253,548	552,093	673,396	3,381,385	1.120
1/22 through 12/22	364,211,430	5	203,273	24	1,344,278	140,966	848,575	2,537,092	0.697
1/23 through 12/23	382,775,600	8	766,279	42	1,463,220	1,604,414	1,800,554	5,634,467	1.472
5 YR. TOTAL	1,477,661,627	28	2,186,772	132	5,623,756	2,487,341	4,366,277	14,664,146	0.992
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		40%	0.5286	58%	0.4638	0.992			
Pure Premium Indicated by National Relativity		30%	0.5230	21%	0.4760	0.999			
Pure Premium Present on Rate Level		30%	0.5076	21%	0.3941	0.902			
Pure Premium Derived by Formula		0.5206		0.4517		0.972			

CLASS 7539		ELECTRIC LIGHT OR POWER CO. NOC-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	84,963,196	2	176,981	4	59,748	42,204	58,851	337,784	0.398
1/20 through 12/20	70,407,973	0	0	1	6,110	0	14,769	20,879	0.030
1/21 through 12/21	95,432,060	1	50,850	1	35,905	437,398	35,775	559,928	0.587
1/22 through 12/22	99,996,717	0	0	7	297,637	0	342,186	639,823	0.640
1/23 through 12/23	102,185,016	2	9,116	3	74,198	23,404	52,682	159,400	0.156
5 YR. TOTAL	452,984,962	5	236,947	16	473,598	503,006	504,263	1,717,814	0.379
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.1569	26%	0.2224	0.379			
Pure Premium Indicated by National Relativity		41%	0.3302	37%	0.2516	0.582			
Pure Premium Present on Rate Level		42%	0.3104	37%	0.2581	0.569			
Pure Premium Derived by Formula		0.2924		0.2464		0.539			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7540		ELECTRIC LIGHT OR POWER COOPERATIVE-REA PROJECT ONLY-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: G		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	110,134,608	2	273,707	25	572,907	158,701	441,121	1,446,436	1.313
1/20 through 12/20	120,055,604	1	5,652	20	1,124,433	8,817	768,533	1,907,435	1.589
1/21 through 12/21	120,968,537	3	93,029	24	964,898	106,907	666,677	1,831,511	1.514
1/22 through 12/22	129,055,674	5	179,381	25	441,885	177,773	452,469	1,251,508	0.970
1/23 through 12/23	138,092,379	3	354,592	22	1,491,056	208,225	1,370,203	3,424,076	2.480
5 YR. TOTAL	618,306,802	14	906,361	116	4,595,179	660,423	3,699,003	9,860,966	1.595
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		32%	0.8898	47%		0.7051		1.595	
Pure Premium Indicated by National Relativity		34%	0.6528	26%		0.6064		1.259	
Pure Premium Present on Rate Level		34%	0.7538	27%		0.6148		1.369	
Pure Premium Derived by Formula			0.7630			0.6551		1.418	

CLASS 7580		SEWAGE DISPOSAL PLANT OPERATION & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	35,301,643	1	6,768	2	255,020	0	200,761	462,549	1.310
1/20 through 12/20	35,746,679	0	0	7	241,727	0	191,655	433,382	1.212
1/21 through 12/21	36,743,147	1	92,507	6	111,174	188,821	111,990	504,492	1.373
1/22 through 12/22	38,855,359	0	0	2	8,691	0	36,876	45,567	0.117
1/23 through 12/23	47,267,795	1	302,327	3	127,326	91,609	88,969	610,231	1.291
5 YR. TOTAL	193,914,623	3	401,602	20	743,938	280,430	630,251	2,056,221	1.060
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		15%	0.5907	23%		0.4696		1.060	
Pure Premium Indicated by National Relativity		42%	0.4831	38%		0.3929		0.876	
Pure Premium Present on Rate Level		43%	0.5317	39%		0.4707		1.002	
Pure Premium Derived by Formula			0.5201			0.4409		0.961	

CLASS 7590		GARBAGE WORKS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	17,868,439	1	5,885	7	57,564	5,512	57,176	126,137	0.706
1/20 through 12/20	18,247,390	1	26,738	3	99,162	0	79,567	205,467	1.126
1/21 through 12/21	27,645,073	0	0	1	5,862	0	14,826	20,688	0.075
1/22 through 12/22	37,206,220	2	40,733	4	412,194	6,949	189,494	649,370	1.745
1/23 through 12/23	47,733,757	4	174,129	12	936,281	112,140	438,443	1,660,993	3.480
5 YR. TOTAL	148,700,879	8	247,485	27	1,511,063	124,601	779,506	2,662,655	1.791
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		15%	1.1826	22%		0.6080		1.791	
Pure Premium Indicated by National Relativity		40%	0.8498	39%		0.6086		1.458	
Pure Premium Present on Rate Level		45%	0.7373	39%		0.5534		1.291	
Pure Premium Derived by Formula			0.8491			0.5869		1.436	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7600		TELECOMMUNICATIONS CO. - CABLE TV OR SATELLITE - ALL OTHER EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	491,956,629	23	1,707,212	149	4,143,549	618,418	2,468,970	8,938,149	1.817
1/20 through 12/20	490,747,303	25	2,351,568	112	2,698,170	1,161,696	1,792,417	8,003,851	1.631
1/21 through 12/21	514,537,970	33	2,133,638	83	2,831,742	1,181,267	2,187,124	8,333,771	1.620
1/22 through 12/22	569,606,934	20	1,797,786	128	3,845,975	900,399	3,013,986	9,558,146	1.678
1/23 through 12/23	612,243,704	22	2,165,326	120	3,661,931	1,440,363	2,587,984	9,855,604	1.610
5 YR. TOTAL	2,679,092,540	123	10,155,530	592	17,181,367	5,302,143	12,050,481	44,689,521	1.668
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		81%	1.0204	100%	0.6477	1.668			
Pure Premium Indicated by National Relativity		9%	1.0371	0%	0.6105	1.648			
Pure Premium Present on Rate Level		10%	1.1446	0%	0.7028	1.847			
Pure Premium Derived by Formula		1.0343		0.6477		1.682			

CLASS 7605		BURGLAR AND FIRE ALARM INSTALLATION OR REPAIR & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	218,006,043	8	565,663	35	1,060,047	201,367	607,880	2,434,957	1.117
1/20 through 12/20	216,680,932	4	364,285	27	712,882	185,390	621,044	1,883,601	0.869
1/21 through 12/21	252,690,603	6	523,558	27	405,609	527,025	414,754	1,870,946	0.740
1/22 through 12/22	257,384,439	3	331,162	35	1,372,826	201,122	829,985	2,735,095	1.063
1/23 through 12/23	296,667,916	5	513,693	24	887,200	192,819	650,816	2,244,528	0.757
5 YR. TOTAL	1,241,429,933	26	2,298,361	148	4,438,564	1,307,723	3,124,479	11,169,127	0.900
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		37%	0.5427	53%	0.3570	0.900			
Pure Premium Indicated by National Relativity		31%	0.4882	23%	0.3863	0.875			
Pure Premium Present on Rate Level		32%	0.5106	24%	0.3892	0.900			
Pure Premium Derived by Formula		0.5155		0.3715		0.887			

CLASS 7610		RADIO OR TELEVISION BROADCASTING STATION-ALL EMPLOYEES & CLERICAL, DRIVERS							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	495,795,489	3	343,021	27	529,237	114,270	466,084	1,452,612	0.293
1/20 through 12/20	541,984,715	2	29,736	12	183,645	18,454	176,707	408,542	0.075
1/21 through 12/21	789,451,370	2	50,116	35	1,609,214	95,897	959,411	2,714,638	0.344
1/22 through 12/22	667,157,610	5	475,106	23	1,047,577	297,133	466,642	2,286,458	0.343
1/23 through 12/23	717,494,119	4	62,256	15	629,379	35,669	409,966	1,137,270	0.159
5 YR. TOTAL	3,211,883,303	16	960,235	112	3,999,052	561,423	2,478,810	7,999,520	0.249
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		29%	0.1544	41%	0.0947	0.249			
Pure Premium Indicated by National Relativity		35%	0.1220	29%	0.0808	0.203			
Pure Premium Present on Rate Level		36%	0.1219	30%	0.0880	0.210			
Pure Premium Derived by Formula		0.1314		0.0887		0.220			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7705		AMBULANCE SERVICE COMPANIES AND EMS (EMERGENCY MEDICAL SERVICE) PROVIDERS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	31,999,374	5	95,350	13	213,029	228,551	194,805	731,735	2.287
1/20 through 12/20	35,390,074	1	115,339	22	341,797	45,777	277,307	780,220	2.205
1/21 through 12/21	37,691,421	1	50,080	9	37,870	22,921	96,886	207,757	0.551
1/22 through 12/22	45,718,677	3	666,354	11	432,227	370,422	329,002	1,798,005	3.933
1/23 through 12/23	52,830,769	4	316,611	12	223,221	116,066	163,490	819,388	1.551
5 YR. TOTAL	203,630,315	14	1,243,734	67	1,248,144	783,737	1,061,490	4,337,105	2.130
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		22%	1.2237		32%	0.9062		2.130	
Pure Premium Indicated by National Relativity		39%	1.2671		34%	0.8872		2.154	
Pure Premium Present on Rate Level		39%	1.1374		34%	0.8664		2.004	
Pure Premium Derived by Formula			1.2070			0.8862		2.093	

CLASS 7710 + +		FIREFIGHTERS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	15,966,055	0	0	3	72,207	0	48,852	121,059	0.758
1/20 through 12/20	16,113,526	0	0	2	19,629	0	48,487	68,116	0.423
1/21 through 12/21	18,061,236	1	45,571	2	42,515	442,205	37,232	567,523	3.142
1/22 through 12/22	19,918,913	0	0	2	32,160	0	26,982	59,142	0.297
1/23 through 12/23	22,959,849	1	79,296	4	120,096	59,609	108,296	367,297	1.600
5 YR. TOTAL	93,019,579	2	124,867	13	286,607	501,814	269,849	1,183,137	1.272
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		13%	0.4424		21%	0.8296		1.272	
Pure Premium Indicated by National Relativity		43%	1.1868		39%	0.9103		2.097	
Pure Premium Present on Rate Level		44%	0.8762		40%	0.7947		1.671	
Pure Premium Derived by Formula			0.9534			0.8471		1.801	

CLASS 7711 + +		FIREFIGHTERS & DRIVERS - VOLUNTEER							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,226,300	0	0	2	2,868	0	7,543	10,411	0.849
1/20 through 12/20	1,044,968	0	0	0	0	0	20,618	20,618	1.973
1/21 through 12/21	1,280,733	0	0	1	3,527	0	15,145	18,672	1.458
1/22 through 12/22	935,571	1	45,041	0	0	50,532	216	95,789	10.239
1/23 through 12/23	1,265,307	0	0	1	465	0	7,414	7,879	0.623
5 YR. TOTAL	5,752,879	1	45,041	4	6,860	50,532	50,936	153,369	2.666
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		3%	0.9022		5%	1.7638		2.666	
Pure Premium Indicated by National Relativity		0%	0.0000		0%	0.0000		0.000	
Pure Premium Present on Rate Level		97%	0.8762		95%	0.7947		1.671	
Pure Premium Derived by Formula			0.8770			0.8432		1.720	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 7720		POLICE OFFICERS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	199,888,824	8	422,594	43	606,759	372,713	852,652	2,254,718	1.128
1/20 through 12/20	188,131,181	5	152,358	32	630,395	81,146	978,071	1,841,970	0.979
1/21 through 12/21	198,008,443	6	315,138	38	904,372	194,579	1,110,110	2,524,199	1.275
1/22 through 12/22	251,930,010	10	391,562	33	625,933	282,527	1,092,085	2,392,107	0.950
1/23 through 12/23	283,027,265	13	431,475	48	1,685,053	275,034	2,313,162	4,704,724	1.662
5 YR. TOTAL	1,120,985,723	42	1,713,127	194	4,452,512	1,205,999	6,346,080	13,717,718	1.224
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		38%	0.5500	60%	0.6737	1.224			
Pure Premium Indicated by National Relativity		31%	0.6716	20%	0.5410	1.213			
Pure Premium Present on Rate Level		31%	0.5892	20%	0.5617	1.151			
Pure Premium Derived by Formula		0.5998		0.6248		1.225			

CLASS 7723		DETECTIVE OR PATROL AGENCY - PRIVATE & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	339,726,730	18	713,621	52	846,390	401,055	962,836	2,923,902	0.861
1/20 through 12/20	278,919,075	7	339,048	42	954,725	199,827	975,981	2,469,581	0.886
1/21 through 12/21	315,275,435	12	538,677	42	920,590	379,307	763,656	2,602,230	0.825
1/22 through 12/22	414,106,054	8	199,019	46	1,231,571	68,057	1,235,547	2,734,194	0.660
1/23 through 12/23	479,820,350	14	791,402	40	724,958	733,756	893,368	3,143,484	0.655
5 YR. TOTAL	1,827,847,644	59	2,581,767	222	4,678,234	1,782,002	4,831,388	13,873,391	0.759
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		40%	0.3972	61%	0.3618	0.759			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		60%	0.4008	39%	0.3562	0.757			
Pure Premium Derived by Formula		0.3994		0.3596		0.759			

CLASS 7855		RAILROAD CONSTRUCTION: LAYING OR RELAYING OF TRACKS OR MAINTENANCE OF WAY BY CONTRACTOR-NO WORK ON ELEVATED RAILROADS-& DRIVERS							
Industry Group: Contracting Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	6,596,527	0	0	0	0	0	0	0	0.000
1/20 through 12/20	4,035,276	0	0	1	7,860	0	4,831	12,691	0.315
1/21 through 12/21	4,983,153	0	0	4	272,637	0	61,859	334,496	6.713
1/22 through 12/22	5,939,515	0	0	2	23,048	0	34,922	57,970	0.976
1/23 through 12/23	8,140,921	0	0	0	0	0	753	753	0.009
5 YR. TOTAL	29,695,392	0	0	7	303,545	0	102,365	405,910	1.367
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	1.0222	10%	0.3447	1.367			
Pure Premium Indicated by National Relativity		28%	0.7172	30%	0.5685	1.286			
Pure Premium Present on Rate Level		65%	0.7173	60%	0.5253	1.243			
Pure Premium Derived by Formula		0.7386		0.5202		1.259			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8001		STORE: FLORIST & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	47,200,799	3	79,214	14	191,824	133,375	226,455	630,868	1.337
1/20 through 12/20	52,469,049	2	20,307	12	109,911	32,383	196,891	359,492	0.685
1/21 through 12/21	62,844,297	2	23,629	12	62,712	20,128	120,461	226,930	0.361
1/22 through 12/22	64,170,138	0	0	11	186,571	0	203,580	390,151	0.608
1/23 through 12/23	62,411,678	2	29,443	11	385,352	17,672	264,539	697,006	1.117
5 YR. TOTAL	289,095,961	9	152,593	60	936,370	203,558	1,011,926	2,304,447	0.797
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		15%	0.3767		25%	0.4204		0.797	
Pure Premium Indicated by National Relativity		42%	0.4016		37%	0.4244		0.826	
Pure Premium Present on Rate Level		43%	0.3589		38%	0.3873		0.746	
Pure Premium Derived by Formula		0.3795			0.4093			0.789	

CLASS 8002	AUTOMOBILE RENTAL CO.: ALL OTHER EMPLOYEES & COUNTER PERSONNEL, DRIVERS								
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	81,273,659	7	76,633	13	142,912	59,075	141,887	420,507	0.517
1/20 through 12/20	70,268,518	3	33,360	9	87,723	9,939	157,721	288,743	0.411
1/21 through 12/21	80,781,082	4	48,702	11	56,047	16,479	73,349	194,577	0.241
1/22 through 12/22	100,184,079	9	267,502	20	294,880	217,781	255,856	1,036,019	1.034
1/23 through 12/23	105,970,756	6	104,572	16	172,701	154,227	213,725	645,225	0.609
5 YR. TOTAL	438,478,094	29	530,769	69	754,263	457,501	842,538	2,585,071	0.590
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		18%	0.2931		30%	0.2965		0.590	
Pure Premium Indicated by National Relativity		41%	0.3584		35%	0.3908		0.749	
Pure Premium Present on Rate Level		41%	0.3314		35%	0.3639		0.695	
Pure Premium Derived by Formula		0.3356			0.3531			0.689	

CLASS 8006		GASOLINE STATION: SELF-SERVICE AND CONVENIENCE/GROCERY-RETAIL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	741,701,381	39	976,982	172	1,935,959	917,449	1,865,504	5,695,894	0.768
1/20 through 12/20	759,757,307	26	1,233,317	150	2,025,617	1,223,462	1,539,974	6,022,370	0.793
1/21 through 12/21	914,551,701	40	1,470,185	152	1,862,327	708,343	1,604,523	5,645,378	0.617
1/22 through 12/22	999,427,467	28	1,032,340	157	2,009,000	707,281	1,776,401	5,525,022	0.553
1/23 through 12/23	1,007,318,839	27	1,090,859	135	1,875,053	642,904	1,949,392	5,558,208	0.552
5 YR. TOTAL	4,422,756,695	160	5,803,683	766	9,707,956	4,199,439	8,735,794	28,446,872	0.643
		INDEMNITY		MEDICAL			TOTAL		
		CRED.	PURE PREM.*	CRED.	PURE PREM.*		PURE PREM.*		
Indicated Pure Premium		62%	0.3507	88%	0.2925		0.643		
Pure Premium Indicated by National Relativity		19%	0.3400	6%	0.2830		0.623		
Pure Premium Present on Rate Level		19%	0.4074	6%	0.3130		0.720		
Pure Premium Derived by Formula			0.3594		0.2932		0.653		

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8008		STORE: CLOTHING, WEARING APPAREL OR DRY GOODS-RETAIL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	845,279,723	28	641,373	109	1,370,096	658,694	1,442,466	4,112,629	0.487
1/20 through 12/20	715,454,594	17	365,910	88	671,598	268,963	932,748	2,239,219	0.313
1/21 through 12/21	832,975,885	19	468,866	92	895,797	579,624	995,560	2,939,847	0.353
1/22 through 12/22	888,977,613	18	508,658	81	1,538,639	290,193	1,859,735	4,197,225	0.472
1/23 through 12/23	940,906,187	19	1,166,749	104	1,398,536	504,676	1,372,892	4,442,853	0.472
5 YR. TOTAL	4,223,594,002	101	3,151,556	474	5,874,666	2,302,150	6,603,401	17,931,773	0.425
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		40%	0.2137		69%	0.2109		0.425	
Pure Premium Indicated by National Relativity		30%	0.1953		15%	0.1922		0.388	
Pure Premium Present on Rate Level		30%	0.1798		16%	0.2007		0.381	
Pure Premium Derived by Formula			0.1980			0.2065		0.405	

CLASS 8010		STORE: HARDWARE							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	351,402,532	10	345,601	48	470,083	145,816	775,921	1,737,421	0.494
1/20 through 12/20	389,058,747	9	426,170	65	886,122	337,230	1,116,820	2,766,342	0.711
1/21 through 12/21	477,828,203	5	191,551	74	911,055	161,295	931,557	2,195,458	0.460
1/22 through 12/22	547,105,808	5	204,527	74	1,030,669	241,520	1,409,214	2,885,930	0.528
1/23 through 12/23	574,263,645	6	263,955	55	1,112,665	195,220	1,131,887	2,703,727	0.471
5 YR. TOTAL	2,339,658,935	35	1,431,804	316	4,410,594	1,081,081	5,365,399	12,288,878	0.525
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		38%	0.2497		62%	0.2755		0.525	
Pure Premium Indicated by National Relativity		31%	0.3450		19%	0.3147		0.660	
Pure Premium Present on Rate Level		31%	0.2911		19%	0.2878		0.579	
Pure Premium Derived by Formula			0.2921			0.2853		0.577	

CLASS 8013		STORE: JEWELRY							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	232,753,878	2	290,939	6	75,013	108,445	50,979	525,376	0.226
1/20 through 12/20	268,900,012	1	65,865	4	52,252	43,991	34,926	197,034	0.073
1/21 through 12/21	303,760,252	3	353,362	6	93,544	113,423	67,140	627,469	0.207
1/22 through 12/22	327,319,944	2	273,820	4	23,732	124,610	29,004	451,166	0.138
1/23 through 12/23	326,864,557	2	157,120	7	218,846	47,920	227,352	651,238	0.199
5 YR. TOTAL	1,459,598,643	10	1,141,106	27	463,387	438,389	409,401	2,452,283	0.168
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		13%	0.1099		19%	0.0581		0.168	
Pure Premium Indicated by National Relativity		43%	0.0464		40%	0.0412		0.088	
Pure Premium Present on Rate Level		44%	0.0568		41%	0.0451		0.102	
Pure Premium Derived by Formula			0.0592			0.0460		0.105	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8015		QUICK PRINTING-COPYING OR DUPLICATING SERVICE-ALL EMPLOYEES & CLERICAL, SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	53,489,098	2	44,630	4	35,329	51,431	67,151	198,541	0.371
1/20 through 12/20	51,654,053	0	0	5	12,433	0	30,006	42,439	0.082
1/21 through 12/21	58,622,318	0	0	5	124,516	0	65,038	189,554	0.323
1/22 through 12/22	56,636,250	1	1,205	4	90,512	499	75,838	168,054	0.297
1/23 through 12/23	62,273,944	1	56,169	5	59,839	30,608	79,719	226,335	0.364
5 YR. TOTAL	282,675,663	4	102,004	23	322,629	82,538	317,752	824,923	0.292
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		10%	0.1502	15%	0.1416	0.292			
Pure Premium Indicated by National Relativity		40%	0.1575	42%	0.1660	0.324			
Pure Premium Present on Rate Level		50%	0.1507	43%	0.1492	0.300			
Pure Premium Derived by Formula		0.1534		0.1551		0.309			

CLASS 8017		STORE: RETAIL NOC							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,714,507,434	47	1,135,076	243	2,770,736	1,061,727	3,202,850	8,170,389	0.477
1/20 through 12/20	1,750,036,862	54	2,258,199	222	2,927,781	1,457,000	3,171,131	9,814,111	0.561
1/21 through 12/21	1,896,560,457	45	1,760,072	237	2,743,811	1,150,674	3,327,071	8,981,628	0.474
1/22 through 12/22	2,004,840,701	47	1,150,981	264	4,119,055	989,977	3,911,723	10,171,736	0.507
1/23 through 12/23	2,122,682,667	40	2,074,560	220	3,580,484	993,775	4,546,249	11,195,068	0.527
5 YR. TOTAL	9,488,628,121	233	8,378,888	1,186	16,141,867	5,653,153	18,159,024	48,332,932	0.509
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		72%	0.2584	100%	0.2510	0.509			
Pure Premium Indicated by National Relativity		14%	0.2495	0%	0.2249	0.474			
Pure Premium Present on Rate Level		14%	0.2563	0%	0.2533	0.510			
Pure Premium Derived by Formula		0.2569		0.2510		0.508			

CLASS 8018		STORE: WHOLESALE NOC							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,113,071,427	50	1,971,200	378	4,528,984	912,736	3,791,913	11,204,833	1.007
1/20 through 12/20	1,681,177,155	95	3,776,531	524	8,378,586	1,599,857	5,921,784	19,676,758	1.170
1/21 through 12/21	1,928,520,050	103	5,016,378	556	9,959,066	2,214,600	5,990,675	23,180,719	1.202
1/22 through 12/22	1,868,300,545	109	6,707,034	579	10,894,583	2,740,554	7,033,215	27,375,386	1.465
1/23 through 12/23	2,032,660,696	98	5,974,447	448	10,798,924	2,585,965	8,048,411	27,407,747	1.348
5 YR. TOTAL	8,623,729,873	455	23,445,590	2,485	44,560,143	10,053,712	30,785,998	108,845,443	1.262
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	0.7886	100%	0.4736	1.262			
Pure Premium Indicated by National Relativity		0%	0.6737	0%	0.4769	1.151			
Pure Premium Present on Rate Level		0%	0.7913	0%	0.4593	1.251			
Pure Premium Derived by Formula		0.7886		0.4736		1.262			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8021		STORE: MEAT, FISH OR POULTRY DEALER-WHOLESALE							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	337,830,889	11	465,850	76	887,516	282,886	1,149,016	2,785,268	0.825
1/20 through 12/20	445,189,000	14	682,906	147	1,516,765	407,784	1,344,732	3,952,187	0.888
1/21 through 12/21	496,018,862	15	374,612	141	1,868,259	221,405	1,180,654	3,644,930	0.735
1/22 through 12/22	541,614,907	18	850,376	116	2,200,911	419,048	1,377,378	4,847,713	0.895
1/23 through 12/23	534,339,329	5	126,962	51	1,265,526	103,030	1,592,968	3,088,486	0.578
5 YR. TOTAL	2,354,992,987	63	2,500,706	531	7,738,977	1,434,153	6,644,748	18,318,584	0.778
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		47%	0.4348		69%	0.3431		0.778	
Pure Premium Indicated by National Relativity		26%	0.4523		15%	0.4081		0.860	
Pure Premium Present on Rate Level		27%	0.4484		16%	0.3588		0.807	
Pure Premium Derived by Formula			0.4430			0.3554		0.798	

CLASS 8031		STORE: MEAT, FISH OR POULTRY-RETAIL							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	16,591,676	1	13,559	0	0	18,973	5,403	37,935	0.229
1/20 through 12/20	18,395,867	0	0	3	14,014	0	85,536	99,550	0.541
1/21 through 12/21	21,025,869	0	0	1	5,678	0	9,405	15,083	0.072
1/22 through 12/22	21,028,969	0	0	2	62,337	0	24,379	86,716	0.412
1/23 through 12/23	25,113,396	1	25,582	1	12,079	4,465	14,040	56,166	0.224
5 YR. TOTAL	102,155,777	2	39,141	7	94,108	23,438	138,763	295,450	0.289
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		8%	0.1304		13%	0.1588		0.289	
Pure Premium Indicated by National Relativity		41%	0.3010		43%	0.3041		0.605	
Pure Premium Present on Rate Level		51%	0.3192		44%	0.2773		0.597	
Pure Premium Derived by Formula			0.2966			0.2734		0.570	

CLASS 8032		STORE: CLOTHING, WEARING APPAREL OR DRY GOODS-WHOLESALE							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	178,888,491	3	123,408	24	444,521	76,220	470,244	1,114,393	0.623
1/20 through 12/20	189,443,385	7	221,861	44	842,054	158,944	688,504	1,911,363	1.009
1/21 through 12/21	234,860,394	13	478,873	34	410,579	284,761	351,930	1,526,143	0.650
1/22 through 12/22	243,276,770	9	721,963	32	682,943	489,541	508,898	2,403,345	0.988
1/23 through 12/23	214,098,976	7	273,335	29	782,843	130,795	529,025	1,715,998	0.802
5 YR. TOTAL	1,060,568,016	39	1,819,440	163	3,162,940	1,140,261	2,548,601	8,671,242	0.818
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		28%	0.4698		43%	0.3478		0.818	
Pure Premium Indicated by National Relativity		36%	0.3772		28%	0.2808		0.658	
Pure Premium Present on Rate Level		36%	0.3576		29%	0.3108		0.668	
Pure Premium Derived by Formula			0.3961			0.3183		0.714	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8033		STORE: MEAT, GROCERY AND PROVISION STORES COMBINED-RETAIL NOC							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	980,238,326	32	858,605	209	2,914,107	423,546	2,751,011	6,947,269	0.709
1/20 through 12/20	1,156,589,687	39	1,456,863	209	2,902,526	842,921	3,055,708	8,258,018	0.714
1/21 through 12/21	1,063,453,588	28	655,107	184	2,712,971	483,317	2,531,411	6,382,806	0.600
1/22 through 12/22	1,161,305,512	34	915,959	198	2,783,303	528,379	2,451,844	6,679,485	0.575
1/23 through 12/23	1,239,315,644	31	834,406	183	3,063,306	578,603	3,401,098	7,877,413	0.636
5 YR. TOTAL	5,600,902,757	164	4,720,940	983	14,376,213	2,856,766	14,191,072	36,144,991	0.645
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		64%	0.3410	98%	0.3044	0.645			
Pure Premium Indicated by National Relativity		18%	0.3313	1%	0.3085	0.640			
Pure Premium Present on Rate Level		18%	0.3401	1%	0.3048	0.645			
Pure Premium Derived by Formula		0.3391		0.3044		0.644			

CLASS 8037		STORE - SUPERSTORES AND WAREHOUSE CLUBS							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,441,203,634	38	1,136,102	257	2,383,397	509,880	2,798,326	6,827,705	0.474
1/20 through 12/20	1,468,005,160	44	1,566,597	291	3,590,643	858,323	3,101,320	9,116,883	0.621
1/21 through 12/21	1,579,973,764	65	1,446,673	292	3,966,935	683,986	3,173,947	9,271,541	0.587
1/22 through 12/22	1,892,453,566	46	1,951,591	335	4,983,618	735,148	3,593,762	11,264,119	0.595
1/23 through 12/23	1,977,661,484	38	1,670,635	279	5,309,417	616,087	4,491,801	12,087,940	0.611
5 YR. TOTAL	8,359,297,608	231	7,771,598	1,454	20,234,010	3,403,424	17,159,156	48,568,188	0.581
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		74%	0.3350	100%	0.2460	0.581			
Pure Premium Indicated by National Relativity		13%	0.3560	0%	0.3181	0.674			
Pure Premium Present on Rate Level		13%	0.3059	0%	0.2465	0.552			
Pure Premium Derived by Formula		0.3339		0.2460		0.580			

CLASS 8039		STORE: DEPARTMENT-RETAIL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	274,467,649	14	175,279	49	768,463	160,783	745,055	1,849,580	0.674
1/20 through 12/20	272,396,967	10	406,741	70	952,575	263,232	810,824	2,433,372	0.893
1/21 through 12/21	302,483,525	19	634,320	70	1,121,173	392,957	797,449	2,945,899	0.974
1/22 through 12/22	86,905,386	3	49,582	15	183,666	69,414	244,728	547,390	0.630
1/23 through 12/23	94,160,371	6	194,630	11	162,409	166,625	199,756	723,420	0.768
5 YR. TOTAL	1,030,413,898	52	1,460,552	215	3,188,286	1,053,011	2,797,812	8,499,661	0.825
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		28%	0.4512	46%	0.3737	0.825			
Pure Premium Indicated by National Relativity		36%	0.2846	27%	0.2964	0.581			
Pure Premium Present on Rate Level		36%	0.3494	27%	0.3638	0.713			
Pure Premium Derived by Formula		0.3546		0.3502		0.705			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8044		STORE: FURNITURE & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	387,799,762	22	721,093	111	1,343,213	472,200	1,654,480	4,190,986	1.081
1/20 through 12/20	410,668,144	17	737,346	87	1,386,259	518,611	1,206,752	3,848,968	0.937
1/21 through 12/21	482,341,125	14	804,608	87	1,357,414	535,370	1,153,140	3,850,532	0.798
1/22 through 12/22	506,418,291	19	712,356	78	1,295,224	413,303	1,062,658	3,483,541	0.688
1/23 through 12/23	506,163,627	14	401,433	69	1,567,703	680,855	1,365,881	4,015,872	0.793
5 YR. TOTAL	2,293,390,949	86	3,376,836	432	6,949,813	2,620,339	6,442,911	19,389,899	0.846
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		48%	0.4503		70%	0.3952		0.846	
Pure Premium Indicated by National Relativity		26%	0.4520		15%	0.3631		0.815	
Pure Premium Present on Rate Level		26%	0.4679		15%	0.3822		0.850	
Pure Premium Derived by Formula			0.4553			0.3884		0.844	

CLASS 8045		STORE: DRUG - RETAIL							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	521,974,539	6	155,676	33	521,117	86,142	608,171	1,371,106	0.263
1/20 through 12/20	540,325,308	8	230,916	30	533,431	87,249	446,722	1,298,318	0.240
1/21 through 12/21	567,065,924	10	546,954	35	560,192	215,942	752,658	2,075,746	0.366
1/22 through 12/22	582,134,365	6	104,696	26	431,390	73,468	677,090	1,286,644	0.221
1/23 through 12/23	595,652,314	3	98,996	16	280,729	111,402	473,096	964,223	0.162
5 YR. TOTAL	2,807,152,450	33	1,137,238	140	2,326,859	574,203	2,957,737	6,996,037	0.249
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		29%	0.1234		47%	0.1258		0.249	
Pure Premium Indicated by National Relativity		35%	0.1680		26%	0.1363		0.304	
Pure Premium Present on Rate Level		36%	0.1434		27%	0.1391		0.283	
Pure Premium Derived by Formula			0.1462			0.1321		0.278	

CLASS 8046		STORE: AUTOMOBILE PARTS & ACCESSORIES- NOC & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	286,380,988	9	257,058	48	758,889	79,161	812,056	1,907,164	0.666
1/20 through 12/20	304,546,995	12	239,549	50	893,987	690,439	987,399	2,811,374	0.923
1/21 through 12/21	339,084,807	14	375,543	64	612,635	248,085	816,895	2,053,158	0.606
1/22 through 12/22	365,182,703	20	725,077	61	753,622	274,402	688,532	2,441,633	0.669
1/23 through 12/23	388,187,054	19	903,991	61	1,259,348	427,571	1,403,706	3,994,616	1.029
5 YR. TOTAL	1,683,382,547	74	2,501,218	284	4,278,481	1,719,658	4,708,588	13,207,945	0.785
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		38%	0.4027		62%	0.3819		0.785	
Pure Premium Indicated by National Relativity		31%	0.4650		19%	0.4254		0.890	
Pure Premium Present on Rate Level		31%	0.4131		19%	0.3989		0.812	
Pure Premium Derived by Formula			0.4252			0.3934		0.819	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8047		STORE: DRUG-WHOLESALE							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	62,986,885	1	14,167	5	40,098	3,247	58,569	116,081	0.184
1/20 through 12/20	66,452,345	0	0	9	163,918	0	73,439	237,357	0.357
1/21 through 12/21	82,638,143	0	0	5	83,515	0	52,531	136,046	0.165
1/22 through 12/22	94,564,507	2	191,693	9	233,298	32,547	521,631	979,169	1.035
1/23 through 12/23	97,237,775	0	0	5	71,855	0	82,803	154,658	0.159
5 YR. TOTAL	403,879,655	3	205,860	33	592,684	35,794	788,973	1,623,311	0.402
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.1977	18%	0.2042	0.402			
Pure Premium Indicated by National Relativity		44%	0.1791	41%	0.1374	0.317			
Pure Premium Present on Rate Level		44%	0.1818	41%	0.1458	0.328			
Pure Premium Derived by Formula		0.1825		0.1529		0.335			

CLASS 8058		BUILDING MATERIAL DEALER-NEW MATERIALS ONLY: STORE EMPLOYEES							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	106,099,549	3	319,652	22	323,062	265,896	228,102	1,136,712	1.071
1/20 through 12/20	120,296,725	3	202,144	22	396,884	72,880	314,959	986,867	0.820
1/21 through 12/21	137,514,277	2	47,331	12	123,650	38,499	169,614	379,094	0.276
1/22 through 12/22	322,700,943	16	855,447	53	624,287	1,030,975	725,080	3,235,789	1.003
1/23 through 12/23	353,174,492	2	146,829	45	1,342,044	149,793	1,055,828	2,694,494	0.763
5 YR. TOTAL	1,039,785,986	26	1,571,403	154	2,809,927	1,558,043	2,493,583	8,432,956	0.811
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		30%	0.4214	48%	0.3897	0.811			
Pure Premium Indicated by National Relativity		35%	0.3937	26%	0.3776	0.771			
Pure Premium Present on Rate Level		35%	0.4001	26%	0.3939	0.794			
Pure Premium Derived by Formula		0.4043		0.3876		0.792			

CLASS 8072		STORE: BOOK, RECORD, COMPACT DISC, SOFTWARE, VIDEO OR AUDIO CASSETTE RETAIL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	38,236,023	0	0	2	66,644	0	67,966	134,610	0.352
1/20 through 12/20	31,547,267	1	22,271	2	2,294	12,746	10,033	47,344	0.150
1/21 through 12/21	38,279,829	0	0	4	43,709	0	79,811	123,520	0.323
1/22 through 12/22	43,182,935	0	0	1	2,024	0	17,329	19,353	0.045
1/23 through 12/23	44,789,783	0	0	3	16,856	0	50,254	67,110	0.150
5 YR. TOTAL	196,035,837	1	22,271	12	131,527	12,746	225,393	391,937	0.200
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.0785	13%	0.1215	0.200			
Pure Premium Indicated by National Relativity		26%	0.0858	28%	0.1070	0.193			
Pure Premium Present on Rate Level		67%	0.1044	59%	0.1564	0.261			
Pure Premium Derived by Formula		0.0978		0.1380		0.236			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8102		SEED MERCHANT							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	44,740,828	0	0	2	309	0	7,234	7,543	0.017
1/20 through 12/20	27,660,249	1	164,020	3	126,604	36,981	102,819	430,424	1.556
1/21 through 12/21	35,373,665	0	0	9	51,864	0	183,523	235,387	0.665
1/22 through 12/22	43,296,094	1	71,772	5	158,642	64,866	91,455	386,735	0.893
1/23 through 12/23	21,086,380	1	61,912	2	173,455	21,823	80,284	337,474	1.600
5 YR. TOTAL	172,157,216	3	297,704	21	510,874	123,670	465,315	1,397,563	0.812
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		11%	0.4697	19%		0.3421		0.812	
Pure Premium Indicated by National Relativity		44%	0.3161	40%		0.3161		0.632	
Pure Premium Present on Rate Level		45%	0.3535	41%		0.3577		0.711	
Pure Premium Derived by Formula			0.3498			0.3381		0.688	

CLASS 8103		WOOL MERCHANT							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	5,483,910	0	0	2	27,397	0	42,563	69,960	1.276
1/20 through 12/20	2,546,075	0	0	1	11,116	0	1,830	12,946	0.509
1/21 through 12/21	3,873,133	0	0	0	0	0	1,702	1,702	0.044
1/22 through 12/22	2,987,011	0	0	0	0	0	0	0	0.000
1/23 through 12/23	3,125,414	0	0	0	0	0	1,219	1,219	0.039
5 YR. TOTAL	18,015,543	0	0	3	38,513	0	47,314	85,827	0.476
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		4%	0.2138	6%		0.2626		0.476	
Pure Premium Indicated by National Relativity		9%	0.4186	10%		0.2779		0.697	
Pure Premium Present on Rate Level		87%	0.4582	84%		0.3875		0.846	
Pure Premium Derived by Formula			0.4449			0.3690		0.814	

CLASS 8106		IRON OR STEEL MERCHANT & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	71,538,972	2	181,342	16	281,514	44,195	215,279	722,330	1.010
1/20 through 12/20	71,214,810	2	157,357	16	309,857	83,612	297,824	848,650	1.192
1/21 through 12/21	83,000,615	1	302,382	16	378,833	150,596	292,746	1,124,557	1.355
1/22 through 12/22	87,041,978	2	180,157	14	198,886	166,191	217,813	763,047	0.877
1/23 through 12/23	86,073,745	2	192,768	7	382,945	101,128	178,194	855,035	0.993
5 YR. TOTAL	398,870,120	9	1,014,006	69	1,552,035	545,722	1,201,856	4,313,619	1.081
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		24%	0.6433	37%		0.4381		1.081	
Pure Premium Indicated by National Relativity		38%	0.7662	31%		0.6703		1.437	
Pure Premium Present on Rate Level		38%	0.6882	32%		0.6031		1.291	
Pure Premium Derived by Formula			0.7071			0.5629		1.270	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8107		MACHINERY DEALER NOC-STORE OR YARD-& DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	316,705,152	10	503,097	47	1,134,372	481,330	1,102,744	3,221,543	1.017
1/20 through 12/20	319,532,972	4	395,109	54	1,917,701	135,368	1,965,996	4,414,174	1.381
1/21 through 12/21	343,820,759	6	520,248	42	787,616	220,484	1,094,899	2,623,247	0.763
1/22 through 12/22	416,270,030	10	960,431	46	1,493,244	731,722	1,232,527	4,417,924	1.061
1/23 through 12/23	461,210,434	7	774,239	39	1,409,791	266,346	1,411,849	3,862,225	0.837
5 YR. TOTAL	1,857,539,347	37	3,153,124	228	6,742,724	1,835,250	6,808,015	18,539,113	0.998
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		45%	0.5327		71%	0.4653		0.998	
Pure Premium Indicated by National Relativity		27%	0.4821		14%	0.3992		0.881	
Pure Premium Present on Rate Level		28%	0.5089		15%	0.4742		0.983	
Pure Premium Derived by Formula			0.5124			0.4574		0.970	

CLASS 8111		PLUMBERS SUPPLIES DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	112,973,172	2	218,917	17	288,419	93,417	267,166	867,919	0.768
1/20 through 12/20	112,510,978	1	3,481	18	628,439	17,502	481,343	1,130,765	1.005
1/21 through 12/21	147,053,339	3	176,735	15	465,643	159,811	434,216	1,236,405	0.841
1/22 through 12/22	171,635,255	6	475,914	17	376,200	502,878	265,923	1,620,915	0.944
1/23 through 12/23	179,769,501	2	48,740	13	412,986	24,132	173,557	659,415	0.367
5 YR. TOTAL	723,942,245	14	923,787	80	2,171,687	797,740	1,622,205	5,515,419	0.762
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		24%	0.4276		37%	0.3343		0.762	
Pure Premium Indicated by National Relativity		38%	0.3260		31%	0.2820		0.608	
Pure Premium Present on Rate Level		38%	0.3898		32%	0.3276		0.717	
Pure Premium Derived by Formula			0.3746			0.3159		0.691	

CLASS 8116		FARM MACHINERY DEALER-ALL OPERATIONS & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	65,986,608	2	30,107	15	156,778	20,891	163,386	371,162	0.563
1/20 through 12/20	72,002,121	1	161,981	15	396,197	39,473	254,469	852,120	1.183
1/21 through 12/21	75,706,374	1	82,566	13	144,251	118,651	147,589	493,057	0.651
1/22 through 12/22	92,530,639	1	17,269	8	262,898	24,431	162,998	467,596	0.505
1/23 through 12/23	90,930,591	1	188,602	9	296,803	152,252	139,778	777,435	0.855
5 YR. TOTAL	397,156,333	6	480,525	60	1,256,927	355,698	868,220	2,961,370	0.746
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		18%	0.4375		27%	0.3082		0.746	
Pure Premium Indicated by National Relativity		41%	0.4179		36%	0.3532		0.771	
Pure Premium Present on Rate Level		41%	0.3837		37%	0.3246		0.708	
Pure Premium Derived by Formula			0.4074			0.3305		0.738	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8203		ICE MFG. OR DISTRIBUTION & DRIVERS							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	8,003,989	0	0	9	81,884	0	63,474	145,358	1.816
1/20 through 12/20	8,748,796	0	0	3	20,138	0	8,602	28,740	0.329
1/21 through 12/21	10,199,180	0	0	8	72,793	0	43,434	116,227	1.140
1/22 through 12/22	10,212,279	0	0	7	175,331	0	52,570	227,901	2.232
1/23 through 12/23	9,784,524	0	0	6	252,869	0	115,577	368,446	3.766
5 YR. TOTAL	46,948,768	0	0	33	603,015	0	283,657	886,672	1.889
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	1.2844	15%	0.6042	1.889			
Pure Premium Indicated by National Relativity		38%	1.1154	41%	0.8329	1.948			
Pure Premium Present on Rate Level		51%	1.2348	44%	0.8530	2.088			
Pure Premium Derived by Formula		1.1949		0.8074		2.002			

CLASS 8204		BUILDING MATERIAL YARD & LOCAL MANAGERS, DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	12,709,961	0	0	7	10,945	0	40,398	51,343	0.404
1/20 through 12/20	10,664,890	1	337	2	6,961	0	6,690	13,988	0.131
1/21 through 12/21	12,088,564	1	17,027	6	39,300	18,916	55,139	130,382	1.079
1/22 through 12/22	13,135,717	4	269,055	4	79,537	67,001	44,154	459,747	3.500
1/23 through 12/23	14,557,565	0	0	3	303,494	0	99,570	403,064	2.769
5 YR. TOTAL	63,156,697	6	286,419	22	440,237	85,917	245,951	1,058,524	1.676
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		9%	1.1506	16%	0.5255	1.676			
Pure Premium Indicated by National Relativity		22%	0.5941	23%	0.5397	1.134			
Pure Premium Present on Rate Level		69%	0.6570	61%	0.7495	1.407			
Pure Premium Derived by Formula		0.6876		0.6654		1.353			

CLASS 8209		VEGETABLE PACKING & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	77,333,869	2	35,940	20	337,364	11,273	297,920	682,497	0.883
1/20 through 12/20	74,478,267	5	269,997	20	279,840	287,486	275,113	1,112,436	1.494
1/21 through 12/21	74,986,827	1	27,115	23	258,680	34,451	300,807	621,053	0.828
1/22 through 12/22	78,622,752	4	146,682	15	365,086	132,473	200,115	844,356	1.074
1/23 through 12/23	82,538,740	0	0	16	280,403	0	383,862	664,265	0.805
5 YR. TOTAL	387,960,455	12	479,734	94	1,521,373	465,683	1,457,817	3,924,607	1.012
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		24%	0.5158	35%	0.4958	1.012			
Pure Premium Indicated by National Relativity		38%	0.8549	32%	0.6029	1.458			
Pure Premium Present on Rate Level		38%	0.6894	33%	0.5518	1.241			
Pure Premium Derived by Formula		0.7106		0.5486		1.259			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8215		FEED, FERTILIZER, HAY, OR GRAIN DEALER & LOCAL MANAGERS, DRIVERS - NO MFG							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	43,658,085	1	17,238	5	116,487	70,893	130,121	334,739	0.767
1/20 through 12/20	52,570,706	7	144,973	5	86,101	110,364	186,825	528,263	1.005
1/21 through 12/21	52,300,360	1	2,919	10	296,273	6,987	479,554	785,733	1.502
1/22 through 12/22	57,240,113	0	0	12	582,700	0	559,410	1,142,110	1.995
1/23 through 12/23	54,010,993	0	0	8	94,121	0	124,716	218,837	0.405
5 YR. TOTAL	259,780,257	9	165,130	40	1,175,682	188,244	1,480,626	3,009,682	1.159
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.5161	29%	0.6424	1.159			
Pure Premium Indicated by National Relativity		41%	0.6449	35%	0.5358	1.181			
Pure Premium Present on Rate Level		42%	0.5509	36%	0.5765	1.127			
Pure Premium Derived by Formula		0.5835		0.5814		1.165			

CLASS 8227		CONSTRUCTION OR ERECTION PERMANENT YARD							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	153,108,102	1	85,475	37	852,542	369,118	721,474	2,028,609	1.325
1/20 through 12/20	159,278,381	7	380,231	28	1,008,507	210,818	571,646	2,171,202	1.363
1/21 through 12/21	174,090,271	8	442,134	33	652,592	693,431	608,628	2,396,785	1.377
1/22 through 12/22	194,954,870	4	207,433	24	706,893	89,192	571,429	1,574,947	0.808
1/23 through 12/23	217,620,051	6	328,803	24	774,148	202,743	661,773	1,967,467	0.904
5 YR. TOTAL	899,051,675	26	1,444,076	146	3,994,682	1,565,302	3,134,950	10,139,010	1.128
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		36%	0.6049	54%	0.5228	1.128			
Pure Premium Indicated by National Relativity		32%	0.7625	23%	0.6117	1.374			
Pure Premium Present on Rate Level		32%	0.6638	23%	0.5544	1.218			
Pure Premium Derived by Formula		0.6742		0.5505		1.225			

CLASS 8232		LUMBERYARD NEW MATERIALS ONLY: ALL OTHER EMPLOYEES & YARD, WAREHOUSE, DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	384,803,513	14	513,430	138	3,488,861	161,074	2,594,714	6,758,079	1.756
1/20 through 12/20	422,105,900	26	1,549,193	130	2,506,144	1,193,789	2,510,832	7,759,958	1.838
1/21 through 12/21	474,569,056	26	1,688,082	143	3,478,181	1,290,381	3,348,140	9,804,784	2.066
1/22 through 12/22	548,137,310	24	1,892,718	142	4,019,619	1,331,057	3,020,532	10,263,926	1.873
1/23 through 12/23	589,040,737	20	2,070,821	118	3,636,494	1,600,204	2,756,846	10,064,365	1.709
5 YR. TOTAL	2,418,656,516	110	7,714,244	671	17,129,299	5,576,505	14,231,064	44,651,112	1.846
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		73%	1.0272	100%	0.8189	1.846			
Pure Premium Indicated by National Relativity		13%	0.9466	0%	0.7403	1.687			
Pure Premium Present on Rate Level		14%	1.0343	0%	0.8572	1.892			
Pure Premium Derived by Formula		1.0177		0.8189		1.837			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8233		COAL MERCHANT & LOCAL MANAGERS, DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	0	0	0	0	0	0	0	0	0.000
1/20 through 12/20	0	0	0	0	0	0	0	0	0.000
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	0	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		0%	0.0000	0%	0.0000	0.000			
Pure Premium Indicated by National Relativity		22%	0.9508	24%	0.4503	1.401			
Pure Premium Present on Rate Level		78%	0.9441	76%	0.3975	1.342			
Pure Premium Derived by Formula		0.9456		0.4102		1.356			

CLASS 8235		SASH, DOOR OR ASSEMBLED MILLWORK DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	36,715,208	1	4,905	12	86,953	11,120	71,428	174,406	0.475
1/20 through 12/20	40,263,516	0	0	19	355,477	0	228,681	584,158	1.451
1/21 through 12/21	45,652,355	1	5,386	17	210,740	5,604	221,004	442,734	0.970
1/22 through 12/22	60,514,931	0	0	11	448,956	0	377,296	826,252	1.365
1/23 through 12/23	52,462,521	2	313,703	11	172,401	139,207	534,669	1,159,980	2.211
5 YR. TOTAL	235,608,531	4	323,994	70	1,274,527	155,931	1,433,078	3,187,530	1.353
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	0.6785	28%	0.6744	1.353			
Pure Premium Indicated by National Relativity		40%	0.7839	36%	0.6003	1.384			
Pure Premium Present on Rate Level		40%	0.7902	36%	0.5940	1.384			
Pure Premium Derived by Formula		0.7653		0.6188		1.384			

CLASS 8236		READY MIXED CONCRETE DEALER - & DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	107,131,474	7	348,827	28	788,452	187,523	713,229	2,038,031	1.902
1/20 through 12/20	110,729,687	9	457,004	26	934,423	333,589	873,160	2,598,176	2.346
1/21 through 12/21	119,125,399	8	638,164	31	1,341,459	352,950	1,036,334	3,368,907	2.828
1/22 through 12/22	119,318,262	5	49,089	18	844,047	92,470	549,285	1,534,891	1.286
1/23 through 12/23	156,273,951	3	59,796	31	1,664,254	81,217	1,575,005	3,380,272	2.163
5 YR. TOTAL	612,578,773	32	1,552,880	134	5,572,635	1,047,749	4,747,013	12,920,277	2.109
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		36%	1.1632	53%	0.9460	2.109			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		64%	0.9964	47%	0.8222	1.819			
Pure Premium Derived by Formula		1.0564		0.8878		1.944			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8263		JUNK DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	4,502,341	0	0	2	1,766	0	12,374	14,140	0.314
1/20 through 12/20	4,054,917	0	0	1	871	0	1,702	2,573	0.064
1/21 through 12/21	6,016,725	1	61,000	3	23,850	42,220	18,656	145,726	2.422
1/22 through 12/22	4,380,193	0	0	0	0	0	12,776	12,776	0.292
1/23 through 12/23	3,592,245	1	149,875	2	329,905	47,423	62,647	589,850	16.420
5 YR. TOTAL	22,546,421	2	210,875	8	356,392	89,643	108,155	765,065	3.393
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		7%	2.5160		11%	0.8773		3.393	
Pure Premium Indicated by National Relativity		28%	0.9259		30%	0.7989		1.725	
Pure Premium Present on Rate Level		65%	1.0393		59%	0.8752		1.915	
Pure Premium Derived by Formula			1.1109			0.8525		1.963	

CLASS 8264		BOTTLE DEALER-USED & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	44,513,643	1	9,523	17	235,753	19,541	169,687	434,504	0.976
1/20 through 12/20	45,694,666	0	0	17	218,662	0	335,960	554,622	1.214
1/21 through 12/21	56,164,955	2	171,603	20	724,327	64,013	504,883	1,464,826	2.608
1/22 through 12/22	56,031,709	2	17,768	11	438,231	12,441	480,943	949,383	1.694
1/23 through 12/23	56,495,810	4	248,767	18	507,734	139,868	403,946	1,300,315	2.302
5 YR. TOTAL	258,900,783	9	447,661	83	2,124,707	235,863	1,895,419	4,703,650	1.817
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		21%	0.9936		33%	0.8232		1.817	
Pure Premium Indicated by National Relativity		39%	0.7763		33%	0.7016		1.478	
Pure Premium Present on Rate Level		40%	0.8390		34%	0.7253		1.564	
Pure Premium Derived by Formula			0.8470			0.7498		1.597	

CLASS 8265		IRON OR STEEL SCRAP DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	48,869,684	4	262,309	14	198,070	158,320	219,921	838,620	1.716
1/20 through 12/20	56,111,888	4	429,094	14	308,570	235,719	276,344	1,249,727	2.227
1/21 through 12/21	63,589,295	5	51,611	23	574,458	25,149	495,335	1,146,553	1.803
1/22 through 12/22	80,362,668	4	192,623	16	251,088	61,548	258,943	764,202	0.951
1/23 through 12/23	84,176,087	5	368,549	16	691,281	400,488	1,080,844	2,541,162	3.019
5 YR. TOTAL	333,109,622	22	1,304,186	83	2,023,467	881,224	2,331,387	6,540,264	1.963
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		27%	0.9990		39%	0.9644		1.963	
Pure Premium Indicated by National Relativity		36%	0.8304		30%	0.7114		1.542	
Pure Premium Present on Rate Level		37%	1.0120		31%	0.8236		1.836	
Pure Premium Derived by Formula			0.9431			0.8449		1.788	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8279		STABLE OR BREEDING FARM & DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	10,377,384	1	68,707	3	2,273	44,375	57,516	172,871	1.666
1/20 through 12/20	10,944,249	0	0	1	39,382	0	30,342	69,724	0.637
1/21 through 12/21	14,116,424	0	0	10	61,709	0	123,383	185,092	1.311
1/22 through 12/22	16,090,846	0	0	4	36,516	0	98,003	134,519	0.836
1/23 through 12/23	16,990,245	0	0	7	308,357	0	205,405	513,762	3.024
5 YR. TOTAL	68,519,148	1	68,707	25	448,237	44,375	514,649	1,075,968	1.570
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.7545	21%	0.8159	1.570			
Pure Premium Indicated by National Relativity		44%	0.9990	39%	1.1256	2.125			
Pure Premium Present on Rate Level		44%	1.0596	40%	1.0880	2.148			
Pure Premium Derived by Formula		0.9963		1.0455		2.042			

CLASS 8288		LIVESTOCK DEALER OR COMMISSION MERCHANT & SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	3,931,916	0	0	4	25,333	0	17,101	42,434	1.079
1/20 through 12/20	3,965,166	0	0	0	0	0	1,456	1,456	0.037
1/21 through 12/21	4,134,079	0	0	5	25,488	0	41,130	66,618	1.611
1/22 through 12/22	5,236,232	0	0	4	13,833	0	29,784	43,617	0.833
1/23 through 12/23	3,651,507	0	0	2	23,271	0	36,081	59,352	1.625
5 YR. TOTAL	20,918,900	0	0	15	87,925	0	125,552	213,477	1.021
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		7%	0.4203	12%	0.6002	1.021			
Pure Premium Indicated by National Relativity		46%	0.9892	44%	1.1314	2.121			
Pure Premium Present on Rate Level		47%	1.0388	44%	1.1346	2.173			
Pure Premium Derived by Formula		0.9727		1.0691		2.042			

CLASS 8291		STORAGE WAREHOUSE-COLD							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	27,275,685	2	33,310	8	173,499	18,216	109,165	334,190	1.225
1/20 through 12/20	24,549,084	3	47,586	6	47,683	32,469	37,617	165,355	0.674
1/21 through 12/21	27,970,368	0	0	6	139,956	0	182,462	322,418	1.153
1/22 through 12/22	26,877,625	2	36,355	2	11,720	401,740	19,958	469,773	1.748
1/23 through 12/23	29,701,403	3	231,507	9	389,913	77,533	228,463	927,416	3.122
5 YR. TOTAL	136,374,165	10	348,758	31	762,771	529,958	577,665	2,219,152	1.627
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		14%	0.8151	22%	0.8122	1.627			
Pure Premium Indicated by National Relativity		43%	0.6757	39%	0.5173	1.193			
Pure Premium Present on Rate Level		43%	0.6895	39%	0.6213	1.311			
Pure Premium Derived by Formula		0.7012		0.6227		1.324			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8292		STORAGE WAREHOUSE NOC							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	240,079,882	10	323,515	81	1,206,195	156,095	686,584	2,372,389	0.988
1/20 through 12/20	256,956,277	6	258,196	73	1,315,156	359,022	1,219,430	3,151,804	1.227
1/21 through 12/21	318,863,894	11	521,659	95	1,439,610	280,857	1,156,375	3,398,501	1.066
1/22 through 12/22	316,382,018	14	638,763	66	1,567,665	331,204	1,264,423	3,802,055	1.202
1/23 through 12/23	334,614,535	10	316,234	82	1,897,488	340,315	1,419,563	3,973,600	1.188
5 YR. TOTAL	1,466,896,606	51	2,058,367	397	7,426,114	1,467,493	5,746,375	16,698,349	1.138
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		45%	0.6466		66%	0.4918		1.138	
Pure Premium Indicated by National Relativity		27%	0.5476		17%	0.4231		0.971	
Pure Premium Present on Rate Level		28%	0.6489		17%	0.5269		1.176	
Pure Premium Derived by Formula			0.6205			0.4861		1.107	

CLASS 8293		STORAGE WAREHOUSE-FURNITURE & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	91,812,749	8	297,289	72	1,710,109	241,225	988,850	3,237,473	3.526
1/20 through 12/20	91,687,114	15	361,103	56	617,205	157,669	694,563	1,830,540	1.997
1/21 through 12/21	105,217,813	11	453,287	60	929,825	360,713	706,286	2,450,111	2.329
1/22 through 12/22	107,228,701	8	660,154	40	489,362	840,953	294,538	2,285,007	2.131
1/23 through 12/23	108,657,488	6	152,094	37	806,514	260,164	466,879	1,685,651	1.551
5 YR. TOTAL	504,603,865	48	1,923,927	265	4,553,015	1,860,724	3,151,116	11,488,782	2.277
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		39%	1.2836		55%	0.9932		2.277	
Pure Premium Indicated by National Relativity		30%	1.2620		22%	0.8801		2.142	
Pure Premium Present on Rate Level		31%	1.4386		23%	1.0704		2.509	
Pure Premium Derived by Formula			1.3252			0.9861		2.311	

CLASS 8304		GRAIN ELEVATOR OPERATION & LOCAL MANAGERS, DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	4,868,587	0	0	5	210,465	0	90,732	301,197	6.187
1/20 through 12/20	3,891,434	0	0	1	10,110	0	10,915	21,025	0.540
1/21 through 12/21	4,347,129	0	0	0	0	0	12,727	12,727	0.293
1/22 through 12/22	4,488,550	0	0	0	0	0	2,331	2,331	0.052
1/23 through 12/23	4,636,294	0	0	1	1,258	0	5,195	6,453	0.139
5 YR. TOTAL	22,231,994	0	0	7	221,833	0	121,900	343,733	1.546
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		7%	0.9978		10%	0.5483		1.546	
Pure Premium Indicated by National Relativity		46%	0.9372		45%	0.8526		1.790	
Pure Premium Present on Rate Level		47%	0.9595		45%	0.8409		1.800	
Pure Premium Derived by Formula			0.9519			0.8169		1.769	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8350		GASOLINE - OR OIL DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	
1/19 through 12/19	159,157,310	19	857,864	48	939,203	1,163,414	901,236	3,861,717	2.426
1/20 through 12/20	160,324,489	15	1,437,726	56	1,280,601	1,103,521	1,321,140	5,142,988	3.208
1/21 through 12/21	188,393,808	11	1,625,510	46	907,223	879,312	854,441	4,266,486	2.265
1/22 through 12/22	201,439,509	7	776,783	64	2,720,784	477,610	1,621,221	5,596,398	2.778
1/23 through 12/23	211,866,978	11	816,722	64	4,695,979	481,678	1,884,520	7,878,899	3.719
5 YR. TOTAL	921,182,094	63	5,514,605	278	10,543,790	4,105,535	6,582,558	26,746,488	2.904
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		52%	1.7432		77%	1.1603		2.904	
Pure Premium Indicated by National Relativity		24%	1.0395		11%	0.6762		1.716	
Pure Premium Present on Rate Level		24%	1.3663		12%	1.1425		2.509	
Pure Premium Derived by Formula		1.4839			1.1049			2.589	

CLASS 8380		AUTOMOBILE SERVICE OR REPAIR CENTER & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	2,375,803,094	59	2,937,976	377	5,229,193	1,776,162	4,783,959	14,727,290	0.620
1/20 through 12/20	2,434,583,683	51	1,980,739	392	6,763,433	1,170,864	5,499,523	15,414,559	0.633
1/21 through 12/21	2,642,170,484	63	3,029,335	393	7,266,046	1,934,413	5,566,967	17,796,761	0.674
1/22 through 12/22	2,962,585,832	48	1,727,690	335	8,167,130	1,164,322	6,101,659	17,160,801	0.579
1/23 through 12/23	3,107,792,277	56	3,837,283	375	10,487,723	2,452,748	8,170,083	24,947,837	0.803
5 YR. TOTAL	13,522,935,370	277	13,513,023	1,872	37,913,525	8,498,509	30,122,191	90,047,248	0.666
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		100%	0.3803		100%	0.2856		0.666	
Pure Premium Indicated by National Relativity		0%	0.4464		0%	0.3357		0.782	
Pure Premium Present on Rate Level		0%	0.3725		0%	0.2852		0.658	
Pure Premium Derived by Formula		0.3803			0.2856			0.666	

CLASS 8381		GASOLINE STATION:SELF-SERVICE ONLY-RETAIL							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	18,189,681	0	0	3	111,264	0	170,512	281,776	1.549
1/20 through 12/20	19,863,525	0	0	5	37,497	0	37,744	75,241	0.379
1/21 through 12/21	39,654,614	1	20,907	5	51,479	12,009	90,311	174,706	0.441
1/22 through 12/22	40,926,566	0	0	8	158,332	0	57,438	215,770	0.527
1/23 through 12/23	44,372,505	0	0	8	136,686	0	303,772	440,458	0.993
5 YR. TOTAL	163,006,891	1	20,907	29	495,258	12,009	659,777	1,187,951	0.729
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		10%	0.3167		17%	0.4121		0.729	
Pure Premium Indicated by National Relativity		32%	0.3345		35%	0.3367		0.671	
Pure Premium Present on Rate Level		58%	0.3135		48%	0.3156		0.629	
Pure Premium Derived by Formula		0.3205			0.3394			0.660	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8385		BUS CO.: GARAGE EMPLOYEES							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	74,378,290	5	358,076	11	194,772	246,715	166,468	966,031	1.299
1/20 through 12/20	69,977,350	2	69,169	12	108,508	21,806	175,151	374,634	0.535
1/21 through 12/21	78,290,031	5	93,739	17	439,268	72,732	428,926	1,034,665	1.322
1/22 through 12/22	103,535,037	3	225,724	14	314,552	88,448	277,060	905,784	0.875
1/23 through 12/23	109,240,575	5	121,033	20	416,058	68,369	363,812	969,272	0.887
5 YR. TOTAL	435,421,283	20	867,741	74	1,473,158	498,070	1,411,417	4,250,386	0.976
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		21%	0.5376		32%	0.4385		0.976	
Pure Premium Indicated by National Relativity		39%	0.5153		34%	0.3916		0.907	
Pure Premium Present on Rate Level		40%	0.4933		34%	0.4254		0.919	
Pure Premium Derived by Formula			0.5112			0.4181		0.929	

CLASS 8392		AUTOMOBILE STORAGE GARAGE, PARKING LOT OR PARKING STATION, VALET SERVICE, CASHIERS OR COUNTER PERSONNEL & DRIVERS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	43,418,569	2	14,302	11	82,348	18,207	121,067	235,924	0.543
1/20 through 12/20	31,338,762	1	3,875	4	81,365	4,103	100,261	189,604	0.605
1/21 through 12/21	43,493,459	1	2,272	9	153,420	2,023	185,638	343,353	0.790
1/22 through 12/22	55,683,237	4	124,463	10	198,060	43,795	62,828	429,146	0.771
1/23 through 12/23	71,217,438	5	309,040	21	297,810	108,803	269,240	984,893	1.383
5 YR. TOTAL	245,151,465	13	453,952	55	813,003	176,931	739,034	2,182,920	0.890
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		13%	0.5168		22%	0.3736		0.890	
Pure Premium Indicated by National Relativity		43%	0.3911		39%	0.3600		0.751	
Pure Premium Present on Rate Level		44%	0.3302		39%	0.3345		0.665	
Pure Premium Derived by Formula			0.3806			0.3530		0.734	

CLASS 8393		AUTOMOBILE BODY REPAIR & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	317,633,735	4	119,275	31	1,008,340	59,696	811,049	1,998,360	0.629
1/20 through 12/20	359,812,398	11	602,571	37	783,682	404,088	501,147	2,291,488	0.637
1/21 through 12/21	398,701,951	7	697,743	28	503,721	396,465	415,551	2,013,480	0.505
1/22 through 12/22	452,033,922	8	713,218	33	1,705,612	319,161	860,192	3,598,183	0.796
1/23 through 12/23	499,320,705	2	547,399	30	1,222,529	111,659	724,872	2,606,459	0.522
5 YR. TOTAL	2,027,502,711	32	2,680,206	159	5,223,884	1,291,069	3,312,811	12,507,970	0.617
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		39%	0.3898		52%	0.2271		0.617	
Pure Premium Indicated by National Relativity		30%	0.2987		24%	0.1942		0.493	
Pure Premium Present on Rate Level		31%	0.3596		24%	0.2364		0.596	
Pure Premium Derived by Formula			0.3531			0.2214		0.575	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8500		METAL SCRAP DEALER & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	17,121,359	0	0	3	175,082	0	33,708	208,790	1.220
1/20 through 12/20	11,174,780	0	0	1	106,022	0	345,478	451,500	4.040
1/21 through 12/21	14,210,838	1	169	4	60,445	472	44,960	106,046	0.746
1/22 through 12/22	16,850,496	1	52,855	5	89,761	0	86,500	229,116	1.360
1/23 through 12/23	15,572,174	0	0	2	9,839	0	15,706	25,545	0.164
5 YR. TOTAL	74,929,647	2	53,024	15	441,149	472	526,352	1,020,997	1.363
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.6595	22%	0.7031	1.363			
Pure Premium Indicated by National Relativity		40%	0.7059	39%	0.7515	1.457			
Pure Premium Present on Rate Level		48%	0.8462	39%	1.1104	1.957			
Pure Premium Derived by Formula		0.7677		0.8808		1.649			

CLASS 8601		ARCHITECTURAL OR ENGINEERING FIRM - INCLUDING SALESPERSONS & DRIVERS							
Industry Group: Office and Clerical Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,615,606,059	4	371,144	21	420,641	261,474	513,940	1,567,199	0.097
1/20 through 12/20	1,638,861,949	7	685,305	18	446,707	419,996	531,547	2,083,555	0.127
1/21 through 12/21	1,752,300,767	5	85,131	22	403,975	80,966	409,708	979,780	0.056
1/22 through 12/22	2,087,032,845	4	109,912	23	461,088	56,403	621,889	1,249,292	0.060
1/23 through 12/23	2,344,926,476	7	858,086	31	770,517	525,869	947,155	3,101,627	0.132
5 YR. TOTAL	9,438,728,096	27	2,109,578	115	2,502,928	1,344,708	3,024,239	8,981,453	0.095
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	0.0489	49%	0.0463	0.095			
Pure Premium Indicated by National Relativity		34%	0.0508	25%	0.0438	0.095			
Pure Premium Present on Rate Level		34%	0.0499	26%	0.0438	0.094			
Pure Premium Derived by Formula		0.0499		0.0450		0.095			

CLASS 8602		SURVEYORS, TIMBER CRUISERS, OIL OR GAS GEOLOGISTS OR SCOUTS, & DRIVERS							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	127,033,363	1	37,632	12	188,816	34,711	158,914	420,073	0.331
1/20 through 12/20	129,728,586	0	0	13	114,041	0	275,177	389,218	0.300
1/21 through 12/21	152,613,790	2	106,162	14	245,165	46,326	245,200	642,853	0.421
1/22 through 12/22	163,573,127	4	157,588	16	570,556	39,936	536,031	1,304,111	0.797
1/23 through 12/23	171,656,046	3	209,685	6	257,629	311,258	471,808	1,250,380	0.728
5 YR. TOTAL	744,604,912	10	511,067	61	1,376,207	432,231	1,687,130	4,006,635	0.538
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		19%	0.2535	31%	0.2846	0.538			
Pure Premium Indicated by National Relativity		40%	0.2695	34%	0.2257	0.495			
Pure Premium Present on Rate Level		41%	0.2214	35%	0.2144	0.436			
Pure Premium Derived by Formula		0.2467		0.2400		0.487			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8603		ARCHITECTURAL OR ENGINEERING FIRM - CLERICAL							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	830,264,416	1	136,143	3	15,754	17,269	140,647	309,813	0.037
1/20 through 12/20	803,558,645	1	145,241	7	75,108	33,785	88,930	343,064	0.043
1/21 through 12/21	969,927,348	2	172,983	4	42,049	297,510	240,512	753,054	0.078
1/22 through 12/22	1,103,034,258	1	1,785	5	64,637	7,188	56,018	129,628	0.012
1/23 through 12/23	1,267,856,456	1	92,392	6	62,823	170,977	96,605	422,797	0.033
5 YR. TOTAL	4,974,641,123	6	548,544	25	260,371	526,729	622,712	1,958,356	0.039
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		13%	0.0163		18%	0.0231		0.039	
Pure Premium Indicated by National Relativity		30%	0.0144		32%	0.0121		0.027	
Pure Premium Present on Rate Level		57%	0.0145		50%	0.0109		0.025	
Pure Premium Derived by Formula		0.0147			0.0135			0.028	

CLASS 8606		GEOPHYSICAL EXPLORATION - ALL EMPLOYEES & DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	18,113,511	0	0	0	0	0	7,582	7,582	0.042
1/20 through 12/20	18,911,975	0	0	0	0	0	9,111	9,111	0.048
1/21 through 12/21	23,783,375	0	0	1	303	0	3,078	3,381	0.014
1/22 through 12/22	25,034,077	1	1,234	0	0	12,918	3,338	17,490	0.070
1/23 through 12/23	24,071,721	0	0	0	0	0	4,674	4,674	0.019
5 YR. TOTAL	109,914,659	1	1,234	1	303	12,918	27,783	42,238	0.038
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		7%	0.0014		11%	0.0370		0.038	
Pure Premium Indicated by National Relativity		11%	0.1427		12%	0.0849		0.228	
Pure Premium Present on Rate Level		82%	0.2200		77%	0.2065		0.427	
Pure Premium Derived by Formula		0.1962			0.1733			0.370	

CLASS 8719		STEVEDORING: TALLIERS AND CHECKING CLERKS ENGAGED IN CONNECTION WITH STEVEDORE WORK							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	297,418	0	0	0	0	0	0	0	0.000
1/20 through 12/20	355,562	0	0	0	0	0	0	0	0.000
1/21 through 12/21	326,536	0	0	0	0	0	0	0	0.000
1/22 through 12/22	541,016	0	0	0	0	0	0	0	0.000
1/23 through 12/23	2,830,812	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	4,351,344	0	0	0	0	0	0	0	0.000
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		2%	0.0000		3%	0.0000		0.000	
Pure Premium Indicated by National Relativity		8%	0.2728		8%	0.2348		0.508	
Pure Premium Present on Rate Level		90%	0.3142		89%	0.2768		0.591	
Pure Premium Derived by Formula		0.3046			0.2651			0.570	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8720		INSPECTION OF RISKS FOR INSURANCE OR VALUATION PURPOSES NOC							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	241,225,438	1	18,671	12	174,526	2,900	234,481	430,578	0.179
1/20 through 12/20	255,494,920	5	636,953	8	65,288	276,224	109,596	1,088,061	0.426
1/21 through 12/21	408,853,138	2	231,575	19	275,164	149,109	166,516	822,364	0.201
1/22 through 12/22	555,890,363	12	1,056,573	16	359,688	808,079	334,154	2,558,494	0.460
1/23 through 12/23	653,955,661	2	36,771	18	240,305	34,675	453,802	765,553	0.117
5 YR. TOTAL	2,115,419,520	22	1,980,543	73	1,114,971	1,270,987	1,298,549	5,665,050	0.268
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		30%	0.1463	42%		0.1215		0.268	
Pure Premium Indicated by National Relativity		35%	0.2018	29%		0.1544		0.356	
Pure Premium Present on Rate Level		35%	0.1988	29%		0.1458		0.345	
Pure Premium Derived by Formula			0.1841			0.1381		0.322	

CLASS 8721		REAL ESTATE APPRAISAL COMPANIES-OUTSIDE EMPLOYEES							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	311,674,347	2	32,255	1	51,654	57,408	33,110	174,427	0.056
1/20 through 12/20	456,537,486	0	0	2	26,325	0	80,667	106,992	0.024
1/21 through 12/21	556,368,739	0	0	2	32,303	0	44,829	77,132	0.014
1/22 through 12/22	488,401,286	0	0	3	85,614	0	77,932	163,546	0.034
1/23 through 12/23	443,824,008	0	0	3	443,455	0	61,245	504,700	0.114
5 YR. TOTAL	2,256,805,866	2	32,255	11	639,351	57,408	297,783	1,026,797	0.046
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		13%	0.0298	23%		0.0157		0.046	
Pure Premium Indicated by National Relativity		18%	0.0249	20%		0.0302		0.055	
Pure Premium Present on Rate Level		69%	0.0355	57%		0.0400		0.076	
Pure Premium Derived by Formula			0.0329			0.0325		0.065	

CLASS 8723		INSURANCE COMPANIES - INCLUDING CLERICAL & SALESPERSONS							
Industry Group: Office and Clerical Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	3,246,121,416	5	164,013	24	526,219	254,943	324,997	1,270,172	0.039
1/20 through 12/20	3,545,167,877	4	178,031	5	27,824	108,343	130,447	444,645	0.013
1/21 through 12/21	4,192,130,412	3	190,766	12	290,401	248,222	578,884	1,308,273	0.031
1/22 through 12/22	4,728,626,770	0	0	10	555,259	0	216,549	771,808	0.016
1/23 through 12/23	5,048,326,539	1	13,845	6	134,747	30,705	210,379	389,676	0.008
5 YR. TOTAL	20,760,373,014	13	546,655	57	1,534,450	642,213	1,461,256	4,184,574	0.020
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		26%	0.0100	40%		0.0101		0.020	
Pure Premium Indicated by National Relativity		37%	0.0112	30%		0.0110		0.022	
Pure Premium Present on Rate Level		37%	0.0150	30%		0.0130		0.028	
Pure Premium Derived by Formula			0.0123			0.0112		0.024	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8725		INVENTORY COUNTERS - TRAVELING - INCLUDING SALESPERSONS & CLERICAL							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	3,884,659	0	0	1	576	0	10,195	10,771	0.277
1/20 through 12/20	6,501,162	0	0	1	3,930	0	1,261	5,191	0.080
1/21 through 12/21	6,727,708	1	508	1	25,921	2,475	0	28,904	0.430
1/22 through 12/22	15,942,607	1	54,219	3	1,175	20,000	9,610	85,004	0.533
1/23 through 12/23	18,699,276	7	146,535	3	16,044	133,458	12,014	308,051	1.647
5 YR. TOTAL	51,755,412	9	201,262	9	47,646	155,933	33,080	437,921	0.846
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		6%	0.4809	11%	0.3652	0.846			
Pure Premium Indicated by National Relativity		26%	0.3582	28%	0.6362	0.994			
Pure Premium Present on Rate Level		68%	0.3416	61%	0.3802	0.722			
Pure Premium Derived by Formula		0.3543		0.4502		0.805			

CLASS 8742		SALESPERSONS OR COLLECTORS-OUTSIDE							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	12,429,510,266	42	2,453,004	142	2,955,708	1,971,013	2,712,708	10,092,433	0.081
1/20 through 12/20	12,713,064,739	14	961,647	125	2,491,546	567,660	2,517,685	6,538,538	0.052
1/21 through 12/21	14,833,577,519	53	2,576,678	132	2,919,985	1,625,608	2,902,669	10,024,940	0.068
1/22 through 12/22	16,092,765,175	39	2,807,418	186	5,252,858	1,655,606	3,982,663	13,698,545	0.085
1/23 through 12/23	16,565,697,944	40	2,099,523	137	4,051,869	1,400,724	4,219,932	11,772,048	0.071
5 YR. TOTAL	72,634,615,643	188	10,898,270	722	17,671,966	7,220,611	16,335,657	52,126,504	0.072
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		83%	0.0393	100%	0.0324	0.072			
Pure Premium Indicated by National Relativity		8%	0.0407	0%	0.0343	0.075			
Pure Premium Present on Rate Level		9%	0.0430	0%	0.0349	0.078			
Pure Premium Derived by Formula		0.0397		0.0324		0.072			

CLASS 8745		NEWS AGENT OR DISTRIBUTOR OF MAGAZINES OR OTHER PERIODICALS-NOT RETAIL DEALER-& SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	5,891,041	0	0	2	69,770	0	55,518	125,288	2.127
1/20 through 12/20	4,474,572	0	0	3	10,260	0	5,510	15,770	0.352
1/21 through 12/21	2,757,052	0	0	0	0	0	1,259	1,259	0.046
1/22 through 12/22	1,658,513	1	31,892	0	0	26,649	0	58,541	3.530
1/23 through 12/23	1,607,455	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	16,388,633	1	31,892	5	80,030	26,649	62,287	200,858	1.226
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		5%	0.6829	9%	0.5427	1.226			
Pure Premium Indicated by National Relativity		18%	0.9110	19%	0.5128	1.424			
Pure Premium Present on Rate Level		77%	0.6876	72%	0.8311	1.519			
Pure Premium Derived by Formula		0.7276		0.7447		1.472			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8748		AUTOMOBILE SALESPERSONS							
Industry Group: Office and Clerical Hazard Group: F		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	971,480,507	10	505,770	25	754,915	368,769	738,213	2,367,667	0.244
1/20 through 12/20	1,106,753,407	0	0	17	583,154	0	402,001	985,155	0.089
1/21 through 12/21	1,393,992,205	3	82,600	13	445,714	73,829	325,269	927,412	0.067
1/22 through 12/22	1,495,971,657	11	525,989	26	406,705	361,854	361,379	1,655,927	0.111
1/23 through 12/23	1,362,670,468	3	281,534	14	461,509	121,757	330,099	1,194,899	0.088
5 YR. TOTAL	6,330,868,244	27	1,395,893	95	2,651,997	926,209	2,156,961	7,131,060	0.113
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		33%	0.0639	47%	0.0487	0.113			
Pure Premium Indicated by National Relativity		33%	0.0715	26%	0.0600	0.132			
Pure Premium Present on Rate Level		34%	0.0775	27%	0.0599	0.137			
Pure Premium Derived by Formula		0.0710		0.0547		0.126			

CLASS 8755		LABOR UNION-ALL EMPLOYEES							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	16,532,636	0	0	0	0	0	3,705	3,705	0.022
1/20 through 12/20	17,845,909	0	0	0	0	0	1,176	1,176	0.007
1/21 through 12/21	18,558,153	0	0	0	0	0	0	0	0.000
1/22 through 12/22	23,396,477	0	0	0	0	0	3,045	3,045	0.013
1/23 through 12/23	23,775,161	0	0	0	0	0	803	803	0.003
5 YR. TOTAL	100,108,336	0	0	0	0	0	8,729	8,729	0.009
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		3%	0.0000	5%	0.0087	0.009			
Pure Premium Indicated by National Relativity		16%	0.0580	17%	0.0406	0.099			
Pure Premium Present on Rate Level		81%	0.0525	78%	0.0403	0.093			
Pure Premium Derived by Formula		0.0518		0.0388		0.091			

CLASS 8799		MAILING OR ADDRESSING COMPANY OR LETTER SERVICE SHOP - CLERICAL STAFF							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	11,111,335	0	0	1	16,492	0	8,740	25,232	0.227
1/20 through 12/20	13,958,837	0	0	1	977	0	1,129	2,106	0.015
1/21 through 12/21	10,256,302	0	0	0	0	0	0	0	0.000
1/22 through 12/22	18,524,182	0	0	4	42,576	0	60,210	102,786	0.555
1/23 through 12/23	11,476,721	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	65,327,377	0	0	6	60,045	0	70,079	130,124	0.199
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.0919	5%	0.1073	0.199			
Pure Premium Indicated by National Relativity		17%	0.0821	18%	0.0763	0.158			
Pure Premium Present on Rate Level		79%	0.0921	77%	0.0779	0.170			
Pure Premium Derived by Formula		0.0904		0.0791		0.170			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8800		MAILING OR ADDRESSING COMPANY OR LETTER SERVICE SHOP							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	23,525,382	1	7,100	7	175,570	5,233	82,890	270,793	1.151
1/20 through 12/20	30,263,000	1	15,308	5	77,918	3,152	62,356	158,734	0.525
1/21 through 12/21	30,548,368	0	0	7	131,922	0	70,562	202,484	0.663
1/22 through 12/22	38,510,723	2	144,950	8	141,501	72,420	86,320	445,191	1.156
1/23 through 12/23	35,966,555	0	0	4	141,776	0	104,757	246,533	0.686
5 YR. TOTAL	158,814,028	4	167,358	31	668,687	80,805	406,885	1,323,735	0.834
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.5264	16%	0.3071	0.834			
Pure Premium Indicated by National Relativity		44%	0.3691	42%	0.2839	0.653			
Pure Premium Present on Rate Level		45%	0.3363	42%	0.2821	0.618			
Pure Premium Derived by Formula			0.3716		0.2869	0.659			

CLASS 8803		AUDITOR, ACCOUNTANT, OR COMPUTER SYSTEM DESIGNER OR PROGRAMMER - TRAVELING							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	3,326,607,646	0	0	9	192,868	0	199,293	392,161	0.012
1/20 through 12/20	3,608,356,720	1	16,330	9	126,658	11,377	111,398	265,763	0.007
1/21 through 12/21	3,878,421,547	2	83,805	5	19,350	58,182	42,269	203,606	0.005
1/22 through 12/22	4,548,411,633	0	0	5	117,196	0	334,651	451,847	0.010
1/23 through 12/23	4,789,375,999	2	195,837	7	332,753	81,413	356,207	966,210	0.020
5 YR. TOTAL	20,151,173,545	5	295,972	35	788,825	150,972	1,043,818	2,279,587	0.011
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.0054	25%	0.0059	0.011			
Pure Premium Indicated by National Relativity		41%	0.0060	37%	0.0057	0.012			
Pure Premium Present on Rate Level		42%	0.0068	38%	0.0054	0.012			
Pure Premium Derived by Formula			0.0062		0.0056	0.012			

CLASS 8810		CLERICAL OFFICE EMPLOYEES NOC							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	48,487,154,253	85	3,791,694	338	5,705,893	2,908,559	6,064,938	18,471,084	0.038
1/20 through 12/20	50,601,867,156	67	3,164,321	310	5,582,236	2,190,484	6,193,558	17,130,599	0.034
1/21 through 12/21	57,134,125,439	68	2,025,632	328	6,613,325	1,592,721	5,694,881	15,926,559	0.028
1/22 through 12/22	61,515,834,891	90	4,628,531	312	8,531,514	3,072,360	7,141,429	23,373,834	0.038
1/23 through 12/23	63,574,423,357	66	4,707,104	334	7,794,053	3,423,374	7,881,223	23,805,754	0.038
5 YR. TOTAL	281,313,405,096	376	18,317,282	1,622	34,227,021	13,187,498	32,976,029	98,707,830	0.035
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		100%	0.0187	100%	0.0164	0.035			
Pure Premium Indicated by National Relativity		0%	0.0196	0%	0.0176	0.037			
Pure Premium Present on Rate Level		0%	0.0178	0%	0.0164	0.034			
Pure Premium Derived by Formula			0.0187		0.0164	0.035			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8820		ATTORNEY-ALL EMPLOYEES & CLERICAL, MESSENGERS, DRIVERS							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,665,309,863	3	25,609	7	65,211	29,259	126,491	246,570	0.015
1/20 through 12/20	1,768,023,576	1	36,391	9	200,091	28,732	198,287	463,501	0.026
1/21 through 12/21	1,991,239,023	0	0	7	61,538	0	289,961	351,499	0.018
1/22 through 12/22	2,176,219,885	6	202,109	9	611,179	180,098	490,962	1,484,348	0.068
1/23 through 12/23	2,363,845,237	3	59,233	11	242,836	87,067	258,550	647,686	0.027
5 YR. TOTAL	9,964,637,584	13	323,342	43	1,180,855	325,156	1,364,251	3,193,604	0.032
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		19%	0.0151		31%	0.0170		0.032	
Pure Premium Indicated by National Relativity		40%	0.0143		34%	0.0133		0.028	
Pure Premium Present on Rate Level		41%	0.0158		35%	0.0167		0.033	
Pure Premium Derived by Formula		0.0151			0.0156			0.031	

CLASS 8824		RETIREMENT LIVING CENTERS: HEALTH CARE EMPLOYEES							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	389,695,002	33	877,600	109	1,359,217	606,959	1,401,229	4,245,005	1.089
1/20 through 12/20	1,132,434,204	55	1,399,175	236	3,611,684	979,573	3,567,622	9,558,054	0.844
1/21 through 12/21	1,607,254,129	62	1,801,385	270	3,996,379	845,975	3,593,004	10,236,743	0.637
1/22 through 12/22	1,783,863,860	73	2,636,197	270	5,102,079	1,682,988	3,850,389	13,271,653	0.744
1/23 through 12/23	1,774,124,341	50	2,452,671	248	5,484,582	1,313,688	3,872,032	13,122,973	0.740
5 YR. TOTAL	6,687,371,536	273	9,167,028	1,133	19,553,941	5,429,183	16,284,276	50,434,428	0.754
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		80%	0.4295		100%	0.3247		0.754	
Pure Premium Indicated by National Relativity		10%	0.3906		0%	0.2899		0.681	
Pure Premium Present on Rate Level		10%	0.4464		0%	0.3645		0.811	
Pure Premium Derived by Formula		0.4273			0.3247			0.752	

CLASS 8826		RETIREMENT LIVING CENTERS: ALL OTHER EMPLOYEES, SALESPERSONS & DRIVERS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	323,594,024	11	374,513	67	547,675	340,584	673,891	1,936,663	0.599
1/20 through 12/20	481,484,613	16	501,066	87	1,075,599	637,177	1,119,237	3,333,079	0.692
1/21 through 12/21	589,432,726	22	1,293,109	100	1,712,737	792,753	1,815,042	5,613,641	0.952
1/22 through 12/22	663,844,815	21	937,837	110	2,251,238	967,839	2,034,513	6,191,427	0.933
1/23 through 12/23	658,819,014	20	814,255	111	2,236,241	453,812	1,986,543	5,490,851	0.833
5 YR. TOTAL	2,717,175,192	90	3,920,780	475	7,823,490	3,192,165	7,629,226	22,565,661	0.831
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		45%	0.4322		77%	0.3983		0.831	
Pure Premium Indicated by National Relativity		27%	0.3283		11%	0.3091		0.637	
Pure Premium Present on Rate Level		28%	0.3514		12%	0.3812		0.733	
Pure Premium Derived by Formula		0.3815			0.3864			0.768	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8831		HOSPITAL-VETERINARY & DRIVERS							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	624,046,329	17	310,586	79	874,956	225,257	1,595,503	3,006,302	0.482
1/20 through 12/20	702,873,149	11	363,207	109	1,065,551	258,215	1,869,871	3,556,844	0.506
1/21 through 12/21	821,050,925	10	350,366	117	1,118,003	320,075	1,989,275	3,777,719	0.460
1/22 through 12/22	961,759,290	13	374,352	112	1,058,138	249,990	2,336,071	4,018,551	0.418
1/23 through 12/23	1,080,845,195	8	183,883	115	1,134,910	193,015	2,762,203	4,274,011	0.395
5 YR. TOTAL	4,190,574,888	59	1,582,394	532	5,251,558	1,246,552	10,552,923	18,633,427	0.445
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		38%	0.1631	82%	0.2816	0.445			
Pure Premium Indicated by National Relativity		31%	0.1499	9%	0.2480	0.398			
Pure Premium Present on Rate Level		31%	0.1637	9%	0.2805	0.444			
Pure Premium Derived by Formula		0.1592		0.2785		0.438			

CLASS 8832		PHYSICIAN & CLERICAL							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	7,702,841,696	42	2,348,268	141	2,102,222	1,474,197	2,674,429	8,599,116	0.112
1/20 through 12/20	8,255,715,315	35	1,573,270	153	2,658,184	1,015,096	2,363,823	7,610,373	0.092
1/21 through 12/21	9,066,432,402	35	1,580,220	161	3,037,950	932,383	2,831,207	8,381,760	0.092
1/22 through 12/22	10,379,543,178	28	1,450,895	195	4,216,530	802,485	3,656,924	10,126,834	0.098
1/23 through 12/23	11,151,359,918	34	1,818,530	186	4,280,010	1,033,096	4,184,549	11,316,185	0.102
5 YR. TOTAL	46,555,892,509	174	8,771,183	836	16,294,896	5,257,257	15,710,932	46,034,268	0.099
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		74%	0.0538	100%	0.0450	0.099			
Pure Premium Indicated by National Relativity		13%	0.0565	0%	0.0448	0.101			
Pure Premium Present on Rate Level		13%	0.0528	0%	0.0436	0.096			
Pure Premium Derived by Formula		0.0540		0.0450		0.099			

CLASS 8833		HOSPITAL: PROFESSIONAL EMPLOYEES							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,540,372,103	40	2,071,255	155	2,437,286	1,605,815	2,431,873	8,546,229	0.336
1/20 through 12/20	2,808,781,729	39	2,973,587	209	3,063,730	1,297,140	3,322,598	10,657,055	0.379
1/21 through 12/21	3,539,096,984	26	1,511,248	190	3,423,325	738,607	2,941,571	8,614,751	0.243
1/22 through 12/22	3,938,455,293	31	2,255,849	185	4,474,222	867,412	3,066,670	10,664,153	0.271
1/23 through 12/23	2,948,797,927	20	1,690,884	146	3,738,154	625,117	2,987,037	9,041,192	0.307
5 YR. TOTAL	15,775,504,036	156	10,502,823	885	17,136,717	5,134,091	14,749,749	47,523,380	0.301
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		78%	0.1752	100%	0.1260	0.301			
Pure Premium Indicated by National Relativity		11%	0.1704	0%	0.1242	0.295			
Pure Premium Present on Rate Level		11%	0.1766	0%	0.1323	0.309			
Pure Premium Derived by Formula		0.1748		0.1260		0.301			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8835		HOME, PUBLIC, AND TRAVELING HEALTHCARE--ALL EMPLOYEES							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,183,948,957	60	3,310,026	210	2,815,181	1,420,905	2,290,483	9,836,595	0.831
1/20 through 12/20	1,260,320,696	65	2,444,416	211	3,093,016	1,471,068	2,413,668	9,422,168	0.748
1/21 through 12/21	1,407,386,336	38	1,720,750	211	3,481,451	1,064,310	2,713,963	8,980,474	0.638
1/22 through 12/22	1,566,677,732	65	2,858,258	188	3,334,381	1,694,551	2,328,473	10,215,663	0.652
1/23 through 12/23	1,749,362,704	49	2,900,066	187	4,218,281	1,540,218	3,069,311	11,727,876	0.670
5 YR. TOTAL	7,167,696,425	277	13,233,516	1,007	16,942,310	7,191,052	12,815,898	50,182,776	0.700
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		79%	0.4210	100%	0.2791	0.700			
Pure Premium Indicated by National Relativity		10%	0.3689	0%	0.2441	0.613			
Pure Premium Present on Rate Level		11%	0.4114	0%	0.2847	0.696			
Pure Premium Derived by Formula		0.4147		0.2791		0.694			

CLASS 8842		GROUP HOMES-ALL EMPLOYEES & SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	454,283,905	16	353,471	122	1,198,768	215,710	1,699,908	3,467,857	0.763
1/20 through 12/20	502,477,627	20	523,228	105	1,103,628	413,440	1,155,843	3,196,139	0.636
1/21 through 12/21	550,256,299	10	319,973	94	1,049,388	171,638	1,136,940	2,677,939	0.487
1/22 through 12/22	559,626,025	25	1,168,579	86	869,841	702,530	1,114,901	3,855,851	0.689
1/23 through 12/23	619,452,194	20	1,282,514	88	2,752,650	477,420	1,666,463	6,179,047	0.998
5 YR. TOTAL	2,686,096,050	91	3,647,765	495	6,974,275	1,980,738	6,774,055	19,376,833	0.721
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		46%	0.3954	71%	0.3259	0.721			
Pure Premium Indicated by National Relativity		27%	0.4018	14%	0.3192	0.721			
Pure Premium Present on Rate Level		27%	0.3681	15%	0.3361	0.704			
Pure Premium Derived by Formula		0.3898		0.3265		0.716			

CLASS 8848 ++		DOMICILIARY HOMES-ALL EMPLOYEES							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	97,050,938	4	52,699	25	363,227	64,361	390,627	870,914	0.897
1/20 through 12/20	55,519,617	1	9,917	14	124,659	6,681	179,392	320,649	0.578
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	152,570,555	5	62,616	39	487,886	71,042	570,019	1,191,563	0.781
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.3608	18%	0.4202	0.781			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		88%	0.4464	82%	0.3645	0.811			
Pure Premium Derived by Formula		0.4361		0.3745		0.811			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8849 ++		NURSING HOME-ALL EMPLOYEES							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	1,116,662,339	43	1,627,457	208	3,061,410	824,437	2,747,611	8,260,915	0.740
1/20 through 12/20	351,338,912	16	469,115	46	583,188	339,906	714,287	2,106,496	0.600
1/21 through 12/21	0	0	0	0	0	0	0	0	0.000
1/22 through 12/22	0	0	0	0	0	0	0	0	0.000
1/23 through 12/23	0	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	1,468,001,251	59	2,096,572	254	3,644,598	1,164,343	3,461,898	10,367,411	0.706
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		37%	0.3911	55%	0.3151	0.706			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		63%	0.4464	45%	0.3645	0.811			
Pure Premium Derived by Formula		0.4259		0.3373		0.763			

CLASS 8855		BANKS AND TRUST COMPANIES - ALL EMPLOYEES, SALESPERSONS, DRIVERS & CLERICAL							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	9,310,516,904	14	672,344	42	592,888	344,624	850,311	2,460,167	0.026
1/20 through 12/20	9,385,595,733	4	258,987	21	536,832	130,230	416,436	1,342,485	0.014
1/21 through 12/21	10,986,052,703	11	642,385	20	385,851	385,003	484,936	1,898,175	0.017
1/22 through 12/22	13,355,342,882	7	293,983	32	1,025,605	152,094	955,220	2,426,902	0.018
1/23 through 12/23	13,753,187,636	15	970,141	30	730,836	959,076	824,145	3,484,198	0.025
5 YR. TOTAL	56,790,695,858	51	2,837,840	145	3,272,012	1,971,027	3,531,048	11,611,927	0.021
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		42%	0.0108	60%	0.0097	0.021			
Pure Premium Indicated by National Relativity		29%	0.0159	20%	0.0156	0.032			
Pure Premium Present on Rate Level		29%	0.0138	20%	0.0107	0.025			
Pure Premium Derived by Formula		0.0131		0.0111		0.024			

CLASS 8856		CHECK CASHING ESTABLISHMENTS - ALL EMPLOYEES, SALESPERSONS, DRIVERS & CLERICAL							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	10,783,770	0	0	2	43,598	0	42,402	86,000	0.798
1/20 through 12/20	10,395,477	0	0	0	0	0	1,457	1,457	0.014
1/21 through 12/21	12,227,493	0	0	0	0	0	0	0	0.000
1/22 through 12/22	13,510,996	0	0	1	36	0	2,617	2,653	0.020
1/23 through 12/23	11,793,134	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	58,710,870	0	0	3	43,634	0	46,476	90,110	0.154
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		4%	0.0743	5%	0.0792	0.154			
Pure Premium Indicated by National Relativity		19%	0.0737	21%	0.0527	0.126			
Pure Premium Present on Rate Level		77%	0.1044	74%	0.0660	0.170			
Pure Premium Derived by Formula		0.0974		0.0639		0.161			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8864		SOCIAL SERVICES ORGANIZATION-ALL EMPLOYEES & SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	901,504,339	10	131,023	86	965,607	119,584	1,413,947	2,630,161	0.292
1/20 through 12/20	931,955,433	16	707,368	74	1,059,305	508,108	873,750	3,148,531	0.338
1/21 through 12/21	1,047,945,007	14	529,826	69	797,957	294,841	1,063,006	2,685,630	0.256
1/22 through 12/22	1,195,148,066	9	363,777	78	1,418,632	286,349	1,294,240	3,362,998	0.281
1/23 through 12/23	1,387,396,669	25	1,203,274	80	1,490,926	767,596	1,542,974	5,004,770	0.361
5 YR. TOTAL	5,463,949,514	74	2,935,268	387	5,732,427	1,976,478	6,187,917	16,832,090	0.308
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		44%	0.1586	68%	0.1494	0.308			
Pure Premium Indicated by National Relativity		28%	0.2214	16%	0.2081	0.430			
Pure Premium Present on Rate Level		28%	0.1667	16%	0.1513	0.318			
Pure Premium Derived by Formula		0.1785		0.1591		0.338			

CLASS 8868		COLLEGE: PROFESSIONAL EMPLOYEES & CLERICAL							
Industry Group: Office and Clerical Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	4,786,594,482	52	735,217	278	1,506,318	1,103,279	2,932,770	6,277,584	0.131
1/20 through 12/20	4,942,142,191	48	964,710	233	1,807,805	762,366	2,591,180	6,126,061	0.124
1/21 through 12/21	5,721,891,449	85	1,784,758	342	2,963,895	1,185,668	4,337,592	10,271,913	0.180
1/22 through 12/22	6,112,026,873	78	1,429,187	351	3,309,710	1,632,804	5,083,533	11,455,234	0.187
1/23 through 12/23	6,453,371,885	68	1,709,752	313	3,446,805	1,172,124	5,679,081	12,007,762	0.186
5 YR. TOTAL	28,016,026,880	331	6,623,624	1,517	13,034,533	5,856,241	20,624,156	46,138,554	0.165
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		64%	0.0702	100%	0.0945	0.165			
Pure Premium Indicated by National Relativity		18%	0.0658	0%	0.0788	0.145			
Pure Premium Present on Rate Level		18%	0.0655	0%	0.0884	0.154			
Pure Premium Derived by Formula		0.0686		0.0945		0.163			

CLASS 8869		CHILD CARE CENTER - ALL EMPLOYEES INCLUDING CLERICAL, SALESPERSONS & DRIVERS							
Industry Group: Office and Clerical Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	791,879,619	11	161,889	102	1,033,011	157,426	1,240,072	2,592,398	0.327
1/20 through 12/20	811,586,747	14	302,261	106	1,248,290	332,633	1,512,696	3,395,880	0.419
1/21 through 12/21	962,354,943	18	399,688	109	1,278,098	228,928	1,392,744	3,299,458	0.343
1/22 through 12/22	1,077,270,233	23	663,084	111	1,370,309	448,716	1,479,025	3,961,134	0.368
1/23 through 12/23	1,166,003,447	22	730,598	121	1,662,721	471,145	1,820,040	4,684,504	0.402
5 YR. TOTAL	4,809,094,989	88	2,257,520	549	6,592,429	1,638,848	7,444,577	17,933,374	0.373
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		41%	0.1840	72%	0.1889	0.373			
Pure Premium Indicated by National Relativity		29%	0.1575	14%	0.1746	0.332			
Pure Premium Present on Rate Level		30%	0.1608	14%	0.1843	0.345			
Pure Premium Derived by Formula		0.1694		0.1863		0.356			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 8871		CLERICAL TELECOMMUTER EMPLOYEES							
Industry Group: Office and Clerical Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	2,125,952,203	2	91,180	5	128,385	83,020	122,483	425,068	0.020
1/20 through 12/20	4,797,122,239	1	101,455	4	45,530	44,720	48,005	239,710	0.005
1/21 through 12/21	5,619,068,758	2	51,620	11	407,263	64,086	387,390	910,359	0.016
1/22 through 12/22	8,834,414,061	1	226,371	15	423,207	52,570	356,456	1,058,604	0.012
1/23 through 12/23	11,425,775,763	3	48,968	5	95,049	20,382	125,217	289,616	0.003
5 YR. TOTAL	32,802,333,024	9	519,594	40	1,099,434	264,778	1,039,551	2,923,357	0.009
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		23%	0.0049	33%	0.0040	0.009			
Pure Premium Indicated by National Relativity		38%	0.0049	33%	0.0035	0.008			
Pure Premium Present on Rate Level		39%	0.0075	34%	0.0056	0.013			
Pure Premium Derived by Formula		0.0059		0.0044		0.010			

CLASS 8901		TELECOMMUNICATIONS CO.: OFFICE OR EXCHANGE EMPLOYEES & CLERICAL							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,147,548,727	6	179,952	13	270,890	106,905	159,997	717,744	0.063
1/20 through 12/20	1,255,932,561	2	28,854	12	396,142	15,063	190,104	630,163	0.050
1/21 through 12/21	1,294,578,633	3	244,518	11	448,050	89,548	408,308	1,190,424	0.092
1/22 through 12/22	1,701,411,053	9	788,932	15	453,828	439,349	175,452	1,857,561	0.109
1/23 through 12/23	1,781,302,663	3	277,934	5	54,187	128,956	117,393	578,470	0.032
5 YR. TOTAL	7,180,773,637	23	1,520,190	56	1,623,097	779,821	1,051,254	4,974,362	0.069
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		24%	0.0438	32%	0.0255	0.069			
Pure Premium Indicated by National Relativity		38%	0.0243	34%	0.0153	0.040			
Pure Premium Present on Rate Level		38%	0.0369	34%	0.0243	0.061			
Pure Premium Derived by Formula		0.0338		0.0216		0.055			

CLASS 9012		BUILDING OR PROPERTY MANAGEMENT - PROPERTY MANAGERS AND LEASING AGENTS & CLERICAL, SALESPERSONS							
Industry Group: Office and Clerical Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	1,320,792,794	11	758,733	66	1,533,442	307,840	1,336,224	3,936,239	0.298
1/20 through 12/20	1,381,027,521	18	752,883	64	1,868,560	507,605	1,148,604	4,277,652	0.310
1/21 through 12/21	1,576,725,214	15	977,151	72	1,295,145	435,985	1,334,608	4,042,889	0.256
1/22 through 12/22	1,783,268,597	17	1,058,325	78	2,290,729	773,155	1,728,124	5,850,333	0.328
1/23 through 12/23	1,948,485,836	13	766,733	71	3,247,714	386,213	2,280,937	6,681,597	0.343
5 YR. TOTAL	8,010,299,962	74	4,313,825	351	10,235,590	2,410,798	7,828,497	24,788,710	0.309
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		53%	0.1816	77%	0.1278	0.309			
Pure Premium Indicated by National Relativity		23%	0.1375	11%	0.1128	0.250			
Pure Premium Present on Rate Level		24%	0.1584	12%	0.1261	0.285			
Pure Premium Derived by Formula		0.1659		0.1259		0.292			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9014		JANITORIAL SERVICES BY CONTRACTORS - NO WINDOW CLEANING ABOVE GROUND LEVEL & DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	980,189,253	38	1,347,517	247	3,334,679	802,861	3,200,586	8,685,643	0.886
1/20 through 12/20	1,063,846,109	41	1,392,477	237	3,086,976	1,429,309	3,259,349	9,168,111	0.862
1/21 through 12/21	1,105,693,238	50	1,566,967	243	3,383,724	1,017,705	3,479,478	9,447,874	0.854
1/22 through 12/22	1,311,957,927	47	2,547,336	215	3,943,508	1,741,985	3,068,315	11,301,144	0.861
1/23 through 12/23	1,455,398,131	38	1,850,929	203	4,130,540	792,937	3,131,497	9,905,903	0.681
5 YR. TOTAL	5,917,084,658	214	8,705,226	1,145	17,879,427	5,784,797	16,139,225	48,508,675	0.820
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		78%	0.4493	100%	0.3705	0.820			
Pure Premium Indicated by National Relativity		11%	0.5046	0%	0.3968	0.901			
Pure Premium Present on Rate Level		11%	0.4894	0%	0.4258	0.915			
Pure Premium Derived by Formula		0.4598		0.3705		0.830			

CLASS 9015		BUILDING OR PROPERTY MANAGEMENT - ALL OTHER EMPLOYEES							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	717,295,677	22	1,223,134	164	2,595,520	920,995	2,510,074	7,249,723	1.011
1/20 through 12/20	734,088,054	26	1,041,723	120	2,833,728	658,632	2,326,367	6,860,450	0.935
1/21 through 12/21	833,080,557	35	2,203,597	131	3,194,585	1,566,914	2,650,625	9,615,721	1.154
1/22 through 12/22	935,516,555	31	2,024,024	155	4,016,804	1,042,518	2,970,491	10,053,837	1.075
1/23 through 12/23	1,022,105,117	25	1,736,766	158	4,116,244	1,554,344	3,305,331	10,712,685	1.048
5 YR. TOTAL	4,242,085,960	139	8,229,244	728	16,756,881	5,743,403	13,762,888	44,492,416	1.049
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		70%	0.5890	100%	0.4598	1.049			
Pure Premium Indicated by National Relativity		15%	0.5663	0%	0.4362	1.003			
Pure Premium Present on Rate Level		15%	0.5446	0%	0.4410	0.986			
Pure Premium Derived by Formula		0.5789		0.4598		1.039			

CLASS 9016		AMUSEMENT PARK OR EXHIBITION OPERATION AND DRIVERS							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	56,574,286	0	0	18	206,150	0	193,332	399,482	0.706
1/20 through 12/20	53,509,059	0	0	6	8,375	0	57,726	66,101	0.124
1/21 through 12/21	72,482,772	1	33,979	16	73,407	19,215	233,907	360,508	0.497
1/22 through 12/22	89,192,400	0	0	14	62,006	0	242,370	304,376	0.341
1/23 through 12/23	98,708,067	2	21,321	13	292,017	67,547	374,795	755,680	0.766
5 YR. TOTAL	370,466,584	3	55,300	67	641,955	86,762	1,102,130	1,886,147	0.509
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.1882	28%	0.3209	0.509			
Pure Premium Indicated by National Relativity		42%	0.3672	36%	0.3943	0.762			
Pure Premium Present on Rate Level		42%	0.3110	36%	0.3646	0.676			
Pure Premium Derived by Formula		0.3150		0.3631		0.678			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9019		BRIDGE OR VEHICULAR TUNNEL OPERATION & DRIVERS							
Industry Group: Miscellaneous Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	574,324	0	0	1	33,173	0	0	33,173	5.776
1/20 through 12/20	571,444	0	0	1	35,397	0	32,837	68,234	11.941
1/21 through 12/21	498,000	0	0	0	0	0	0	0	0.000
1/22 through 12/22	478,749	0	0	0	0	0	0	0	0.000
1/23 through 12/23	348,046	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	2,470,563	0	0	2	68,570	0	32,837	101,407	4.105
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		2%	2.7755	3%	1.3291	4.105			
Pure Premium Indicated by National Relativity		9%	0.1945	10%	0.3080	0.503			
Pure Premium Present on Rate Level		89%	0.6318	87%	0.6016	1.233			
Pure Premium Derived by Formula			0.6353		0.5941	1.229			

CLASS 9033		HOUSING AUTHORITY & CLERICAL, SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	22,113,137	0	0	0	0	0	16,869	16,869	0.076
1/20 through 12/20	26,379,021	1	8,045	5	196,265	6,333	107,934	318,577	1.208
1/21 through 12/21	27,944,637	1	63,783	2	23,899	0	23,989	111,671	0.400
1/22 through 12/22	30,563,272	0	0	2	19,782	0	25,450	45,232	0.148
1/23 through 12/23	39,513,901	1	5,188	4	62,528	10,148	81,945	159,809	0.405
5 YR. TOTAL	146,513,968	3	77,016	13	302,474	16,481	256,187	652,158	0.445
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.2590	15%	0.1861	0.445			
Pure Premium Indicated by National Relativity		44%	0.4122	42%	0.2749	0.687			
Pure Premium Present on Rate Level		45%	0.4050	43%	0.2765	0.682			
Pure Premium Derived by Formula			0.3921		0.2623	0.654			

CLASS 9040		HOSPITAL: ALL OTHER EMPLOYEES							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	175,263,602	9	523,514	35	549,527	446,627	594,445	2,114,113	1.206
1/20 through 12/20	172,479,323	4	141,407	34	161,386	56,547	298,392	657,732	0.381
1/21 through 12/21	198,465,189	10	257,857	32	666,973	200,881	661,776	1,787,487	0.901
1/22 through 12/22	223,497,483	3	171,793	43	482,466	64,820	484,400	1,203,479	0.538
1/23 through 12/23	198,591,955	7	510,374	29	483,843	353,979	456,070	1,804,266	0.909
5 YR. TOTAL	968,297,552	33	1,604,945	173	2,344,195	1,122,854	2,495,083	7,567,077	0.781
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		32%	0.4078	49%	0.3736	0.781			
Pure Premium Indicated by National Relativity		34%	0.5411	25%	0.4786	1.020			
Pure Premium Present on Rate Level		34%	0.4845	26%	0.4392	0.924			
Pure Premium Derived by Formula			0.4792		0.4169	0.896			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9044		CASINO GAMBLING-HOTEL-ALL EMPLOYEES & CLERICAL, SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	4,423,143	0	0	0	0	0	4,122	4,122	0.093
1/20 through 12/20	258,564	0	0	0	0	0	5	5	0.002
1/21 through 12/21	2,458,759	0	0	3	29,475	0	7,317	36,792	1.496
1/22 through 12/22	2,984,253	0	0	0	0	0	0	0	0.000
1/23 through 12/23	2,700,413	0	0	0	0	0	493	493	0.018
5 YR. TOTAL	12,825,132	0	0	3	29,475	0	11,937	41,412	0.323
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		3%	0.2298	4%		0.0931		0.323	
Pure Premium Indicated by National Relativity		48%	0.2246	48%		0.2185		0.443	
Pure Premium Present on Rate Level		49%	0.2396	48%		0.2121		0.452	
Pure Premium Derived by Formula			0.2321			0.2104		0.443	

CLASS 9052		HOTEL: ALL OTHER EMPLOYEES & SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	655,565,250	16	248,767	99	1,281,217	162,885	1,227,410	2,920,279	0.446
1/20 through 12/20	560,516,010	9	145,078	87	1,171,073	85,397	1,089,233	2,490,781	0.444
1/21 through 12/21	751,381,454	19	517,320	82	974,544	540,502	1,347,745	3,380,111	0.450
1/22 through 12/22	878,967,646	24	614,715	128	1,627,872	392,850	1,582,327	4,217,764	0.480
1/23 through 12/23	935,131,137	19	779,978	115	3,379,766	526,446	2,404,955	7,091,145	0.758
5 YR. TOTAL	3,781,561,497	87	2,305,858	511	8,434,472	1,708,080	7,651,670	20,100,080	0.532
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		46%	0.2840	71%		0.2475		0.532	
Pure Premium Indicated by National Relativity		27%	0.3305	14%		0.2727		0.603	
Pure Premium Present on Rate Level		27%	0.2686	15%		0.2359		0.505	
Pure Premium Derived by Formula			0.2924			0.2493		0.542	

CLASS 9058		HOTEL: RESTAURANT EMPLOYEES							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	147,320,089	2	30,655	26	226,501	37,225	208,367	502,748	0.341
1/20 through 12/20	96,529,991	4	107,532	16	158,122	150,171	307,929	723,754	0.750
1/21 through 12/21	167,283,143	2	11,972	23	333,251	11,394	221,862	578,479	0.346
1/22 through 12/22	204,517,932	7	108,345	31	215,989	56,836	357,585	738,755	0.361
1/23 through 12/23	224,450,126	4	166,120	28	636,972	151,139	433,912	1,388,143	0.619
5 YR. TOTAL	840,101,281	19	424,624	124	1,570,835	406,765	1,529,655	3,931,879	0.468
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		21%	0.2375	32%		0.2305		0.468	
Pure Premium Indicated by National Relativity		39%	0.2767	34%		0.2221		0.499	
Pure Premium Present on Rate Level		40%	0.2496	34%		0.2157		0.465	
Pure Premium Derived by Formula			0.2576			0.2226		0.480	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9060		CLUB - COUNTRY, GOLF, FISHING, OR YACHT - ALL EMPLOYEES & CLERICAL, SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	485,085,803	7	450,608	58	411,582	484,449	812,387	2,159,026	0.445
1/20 through 12/20	505,976,056	12	732,349	71	756,005	319,333	939,307	2,746,994	0.543
1/21 through 12/21	562,944,038	8	290,416	58	790,523	192,704	775,759	2,049,402	0.364
1/22 through 12/22	647,577,659	14	642,157	75	796,743	456,011	1,320,099	3,215,010	0.497
1/23 through 12/23	727,597,472	10	422,790	58	1,088,538	1,023,479	1,205,805	3,740,612	0.514
5 YR. TOTAL	2,929,181,028	51	2,538,320	320	3,843,391	2,475,976	5,053,357	13,911,044	0.475
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		38%	0.2179		63%	0.2570		0.475	
Pure Premium Indicated by National Relativity		31%	0.2442		18%	0.2498		0.494	
Pure Premium Present on Rate Level		31%	0.2276		19%	0.2431		0.471	
Pure Premium Derived by Formula		0.2291			0.2531			0.482	

CLASS 9061		CLUB NOC & CLERICAL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	27,767,885	0	0	1	57,247	0	34,653	91,900	0.331
1/20 through 12/20	27,592,103	1	47,067	1	11,973	37,079	22,259	118,378	0.429
1/21 through 12/21	35,976,565	0	0	1	6,307	0	6,099	12,406	0.035
1/22 through 12/22	39,337,277	1	16,201	2	1,395	17,398	19,542	54,536	0.139
1/23 through 12/23	42,433,233	0	0	1	899	0	8,046	8,945	0.021
5 YR. TOTAL	173,107,063	2	63,268	6	77,821	54,477	90,599	286,165	0.165
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		9%	0.0815		13%	0.0838		0.165	
Pure Premium Indicated by National Relativity		38%	0.2091		41%	0.1949		0.404	
Pure Premium Present on Rate Level		53%	0.2068		46%	0.1746		0.381	
Pure Premium Derived by Formula		0.1964			0.1711			0.368	

CLASS 9062		CASINO GAMBLING-ALL EMPLOYEES & CLERICAL, SALESPERSONS, DRIVERS							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	4,237,588	0	0	0	0	0	889	889	0.021
1/20 through 12/20	4,030,808	0	0	0	0	0	0	0	0.000
1/21 through 12/21	4,424,968	0	0	0	0	0	0	0	0.000
1/22 through 12/22	4,353,790	0	0	0	0	0	0	0	0.000
1/23 through 12/23	5,731,000	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	22,778,154	0	0	0	0	0	889	889	0.004
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		3%	0.0000		5%	0.0039		0.004	
Pure Premium Indicated by National Relativity		34%	0.2285		36%	0.1974		0.426	
Pure Premium Present on Rate Level		63%	0.2126		59%	0.2057		0.418	
Pure Premium Derived by Formula		0.2116			0.1926			0.404	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9063		YMCA, YWCA, YMHA OR YWHA, INSTITUTION - ALL EMPLOYEES & CLERICAL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	439,476,852	5	104,709	36	273,148	204,780	446,674	1,029,311	0.234
1/20 through 12/20	418,234,642	4	24,449	23	73,485	45,370	267,916	411,220	0.098
1/21 through 12/21	504,444,110	5	119,163	39	222,005	35,984	551,154	928,306	0.184
1/22 through 12/22	644,261,014	5	46,666	47	321,892	70,727	590,707	1,029,992	0.160
1/23 through 12/23	686,080,909	9	316,162	46	495,961	390,910	781,521	1,984,554	0.289
5 YR. TOTAL	2,692,497,527	28	611,149	191	1,386,491	747,771	2,637,972	5,383,383	0.200
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		24%	0.0742	44%	0.1257	0.200			
Pure Premium Indicated by National Relativity		38%	0.1273	28%	0.1401	0.267			
Pure Premium Present on Rate Level		38%	0.1023	28%	0.1270	0.229			
Pure Premium Derived by Formula		0.1051		0.1301		0.235			

CLASS 9082		RESTAURANT NOC							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,546,652,789	42	1,201,781	400	3,211,261	928,281	4,003,914	9,345,237	0.367
1/20 through 12/20	2,426,111,249	35	1,153,528	359	3,807,329	581,999	4,429,840	9,972,696	0.411
1/21 through 12/21	2,931,372,977	33	724,462	354	3,946,562	926,004	4,307,760	9,904,788	0.338
1/22 through 12/22	3,302,601,013	46	1,423,955	420	4,714,653	801,911	4,667,951	11,608,470	0.352
1/23 through 12/23	3,527,784,260	54	1,650,368	402	5,945,028	1,349,373	6,657,947	15,602,716	0.442
5 YR. TOTAL	14,734,522,288	210	6,154,094	1,935	21,624,833	4,587,568	24,067,412	56,433,907	0.383
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		76%	0.1885	100%	0.1945	0.383			
Pure Premium Indicated by National Relativity		12%	0.2185	0%	0.1923	0.411			
Pure Premium Present on Rate Level		12%	0.1865	0%	0.1901	0.377			
Pure Premium Derived by Formula		0.1919		0.1945		0.386			

CLASS 9083		RESTAURANT: FAST FOOD							
Industry Group: Goods and Services Hazard Group: A		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,077,088,467	52	706,879	392	3,186,780	552,120	3,331,106	7,776,885	0.375
1/20 through 12/20	2,093,591,884	33	897,476	359	3,170,923	564,636	3,738,231	8,371,266	0.400
1/21 through 12/21	2,373,973,197	43	1,667,484	347	3,521,662	973,971	3,927,695	10,090,812	0.425
1/22 through 12/22	2,805,217,400	43	1,155,548	403	5,586,452	889,615	5,264,181	12,895,796	0.460
1/23 through 12/23	2,994,486,278	41	2,095,812	384	5,250,543	1,411,321	5,328,529	14,086,205	0.470
5 YR. TOTAL	12,344,357,226	212	6,523,199	1,885	20,716,360	4,391,663	21,589,742	53,220,964	0.431
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		75%	0.2207	100%	0.2105	0.431			
Pure Premium Indicated by National Relativity		12%	0.2074	0%	0.1932	0.401			
Pure Premium Present on Rate Level		13%	0.2156	0%	0.2129	0.429			
Pure Premium Derived by Formula		0.2184		0.2105		0.429			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9084		BAR, DISCOTHEQUE, LOUNGE, NIGHT CLUB OR TAVERN							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	85,945,016	1	2,189	6	177,086	0	95,564	274,839	0.320
1/20 through 12/20	76,066,396	1	36,614	8	203,606	6,201	39,342	285,763	0.376
1/21 through 12/21	113,878,890	0	0	11	197,388	0	187,001	384,389	0.338
1/22 through 12/22	144,136,468	1	10,002	10	268,261	0	213,823	492,086	0.341
1/23 through 12/23	175,777,482	1	3,301	21	531,740	10,933	386,646	932,620	0.531
5 YR. TOTAL	595,804,252	4	52,106	56	1,378,081	17,134	922,376	2,369,697	0.398
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.2400	25%	0.1577	0.398			
Pure Premium Indicated by National Relativity		41%	0.2522	37%	0.1887	0.441			
Pure Premium Present on Rate Level		42%	0.2284	38%	0.1894	0.418			
Pure Premium Derived by Formula		0.2401		0.1812		0.421			

CLASS 9089		BILLIARD HALL							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	945,332	0	0	0	0	0	0	0	0.000
1/20 through 12/20	636,532	0	0	0	0	0	0	0	0.000
1/21 through 12/21	927,154	0	0	0	0	0	0	0	0.000
1/22 through 12/22	1,115,126	0	0	0	0	0	0	0	0.000
1/23 through 12/23	1,006,434	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	4,630,578	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.0000	2%	0.0000	0.000			
Pure Premium Indicated by National Relativity		6%	0.3224	6%	0.0674	0.390			
Pure Premium Present on Rate Level		93%	0.1469	92%	0.1718	0.319			
Pure Premium Derived by Formula		0.1560		0.1621		0.318			

CLASS 9093		BOWLING LANE							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	24,646,356	0	0	5	20,493	0	27,106	47,599	0.193
1/20 through 12/20	17,026,543	1	7,858	3	10,912	0	17,428	36,198	0.213
1/21 through 12/21	27,587,965	1	76,519	5	8,465	18,989	18,837	122,810	0.445
1/22 through 12/22	31,298,306	2	89,962	1	2,530	34,257	4,663	131,412	0.420
1/23 through 12/23	34,271,210	0	0	2	4,041	0	22,353	26,394	0.077
5 YR. TOTAL	134,830,380	4	174,339	16	46,441	53,246	90,387	364,413	0.270
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		8%	0.1637	12%	0.1065	0.270			
Pure Premium Indicated by National Relativity		37%	0.2513	39%	0.2367	0.488			
Pure Premium Present on Rate Level		55%	0.1979	49%	0.2024	0.400			
Pure Premium Derived by Formula		0.2149		0.2043		0.419			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9101		COLLEGE: ALL OTHER EMPLOYEES							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	472,664,358	38	575,046	183	936,257	564,073	1,650,028	3,725,404	0.788
1/20 through 12/20	468,548,123	34	655,750	168	1,387,054	563,773	1,761,072	4,367,649	0.932
1/21 through 12/21	544,063,941	41	1,003,494	196	1,496,351	533,374	2,271,556	5,304,775	0.975
1/22 through 12/22	582,800,274	48	1,079,184	169	1,655,852	900,088	2,221,170	5,856,294	1.005
1/23 through 12/23	609,719,843	55	2,188,901	159	2,234,107	1,663,207	2,639,662	8,725,877	1.431
5 YR. TOTAL	2,677,796,539	216	5,502,375	875	7,709,621	4,224,515	10,543,488	27,979,999	1.045
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		51%	0.4934	86%	0.5515	1.045			
Pure Premium Indicated by National Relativity		24%	0.5311	7%	0.5465	1.078			
Pure Premium Present on Rate Level		25%	0.4508	7%	0.4843	0.935			
Pure Premium Derived by Formula		0.4918		0.5464		1.038			

CLASS 9102		PARK NOC-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	449,282,516	17	511,592	106	2,021,278	492,157	1,785,405	4,810,432	1.071
1/20 through 12/20	476,756,803	9	282,494	91	1,503,316	208,899	1,597,831	3,592,540	0.754
1/21 through 12/21	531,662,216	12	480,360	87	1,520,668	340,198	1,169,438	3,510,664	0.660
1/22 through 12/22	590,866,681	17	741,177	95	2,038,930	544,728	2,089,724	5,414,559	0.916
1/23 through 12/23	608,142,054	18	1,436,520	74	2,642,967	1,288,463	2,308,245	7,676,195	1.262
5 YR. TOTAL	2,656,710,270	73	3,452,143	453	9,727,159	2,874,445	8,950,643	25,004,390	0.941
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		54%	0.4961	82%	0.4451	0.941			
Pure Premium Indicated by National Relativity		23%	0.5923	9%	0.5289	1.121			
Pure Premium Present on Rate Level		23%	0.5072	9%	0.4358	0.943			
Pure Premium Derived by Formula		0.5208		0.4518		0.973			

CLASS 9154		THEATER NOC: ALL OTHER EMPLOYEES							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	84,065,397	0	0	9	39,968	0	80,374	120,342	0.143
1/20 through 12/20	43,205,336	1	87,731	10	122,051	64,537	95,036	369,355	0.855
1/21 through 12/21	88,740,516	3	101,671	18	236,344	155,955	223,019	716,989	0.808
1/22 through 12/22	124,474,565	2	16,571	22	229,339	24,569	232,416	502,895	0.404
1/23 through 12/23	121,535,157	3	123,020	12	162,419	75,506	171,270	532,215	0.438
5 YR. TOTAL	462,020,971	9	328,993	71	790,121	320,567	802,115	2,241,796	0.485
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.2422	27%	0.2430	0.485			
Pure Premium Indicated by National Relativity		41%	0.3703	36%	0.3454	0.716			
Pure Premium Present on Rate Level		42%	0.2860	37%	0.2825	0.569			
Pure Premium Derived by Formula		0.3131		0.2945		0.608			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9156		THEATER NOC: PLAYERS, ENTERTAINERS OR MUSICIANS							
Industry Group: Office and Clerical Hazard Group: B		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	35,389,970	1	1,074	1	5,267	1,117	27,212	34,670	0.098
1/20 through 12/20	27,602,919	1	1,544	0	0	2,503	3,128	7,175	0.026
1/21 through 12/21	35,168,932	0	0	1	3,344	0	9,056	12,400	0.035
1/22 through 12/22	34,313,626	0	0	3	188,410	0	47,180	235,590	0.687
1/23 through 12/23	35,564,257	0	0	5	104,507	0	113,461	217,968	0.613
5 YR. TOTAL	168,039,704	2	2,618	10	301,528	3,620	200,037	507,803	0.302
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.1810	17%	0.1212	0.302			
Pure Premium Indicated by National Relativity		44%	0.4427	41%	0.4530	0.896			
Pure Premium Present on Rate Level		45%	0.3476	42%	0.3078	0.655			
Pure Premium Derived by Formula			0.3711		0.3356	0.707			

CLASS 9170		JANITORIAL SERVICES BY CONTRACTORS - INCLUDES WINDOW CLEANING ABOVE GROUND LEVEL & DRIVERS							
Industry Group: Goods and Services Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	16,531,311	1	1,232	6	115,133	2,518	179,271	298,154	1.804
1/20 through 12/20	19,929,521	4	262,270	4	109,695	292,405	143,151	807,521	4.052
1/21 through 12/21	24,630,024	1	33,521	9	208,959	104,012	206,651	553,143	2.246
1/22 through 12/22	24,988,631	4	122,265	7	441,879	67,975	170,894	803,013	3.214
1/23 through 12/23	29,376,480	1	102,799	6	147,183	247,625	168,207	665,814	2.267
5 YR. TOTAL	115,455,967	11	522,087	32	1,022,849	714,535	868,174	3,127,645	2.709
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	1.3381	32%	1.3708	2.709			
Pure Premium Indicated by National Relativity		38%	1.6227	34%	1.4331	3.056			
Pure Premium Present on Rate Level		41%	1.8324	34%	1.5367	3.369			
Pure Premium Derived by Formula			1.6489		1.4484	3.097			

CLASS 9178		ATHLETIC SPORTS OR PARK: NONCONTACT SPORTS							
Industry Group: Miscellaneous Hazard Group: A		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	19,684,049	2	88,515	4	14,527	6,938	273,945	383,925	1.951
1/20 through 12/20	11,525,111	0	0	1	1,351	0	193,752	195,103	1.693
1/21 through 12/21	24,442,840	0	0	4	38,691	0	651,995	690,686	2.826
1/22 through 12/22	32,084,576	1	2,299	8	163,937	6,236	768,929	941,401	2.934
1/23 through 12/23	40,670,276	1	40,366	4	95,045	23,395	495,022	653,828	1.608
5 YR. TOTAL	128,406,852	4	131,180	21	313,551	36,569	2,383,643	2,864,943	2.231
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		11%	0.3463	36%	1.8848	2.231			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		89%	0.4079	64%	1.7721	2.180			
Pure Premium Derived by Formula			0.4011		1.8127	2.214			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9179		ATHLETIC SPORTS OR PARK: CONTACT SPORTS							
Industry Group: Miscellaneous Hazard Group: A		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	16,110,870	2	35,025	16	882,648	0	368,948	1,286,621	7.986
1/20 through 12/20	16,385,887	2	65,364	13	327,986	15,972	301,906	711,228	4.340
1/21 through 12/21	19,863,865	0	0	19	1,009,977	0	773,934	1,783,911	8.981
1/22 through 12/22	19,792,696	5	141,633	22	753,853	21,628	806,359	1,723,473	8.708
1/23 through 12/23	26,592,912	2	292,897	3	134,620	26,745	961,604	1,415,866	5.324
5 YR. TOTAL	98,746,230	11	534,919	73	3,109,084	64,345	3,212,751	6,921,099	7.009
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		28%	3.6903	41%	3.3187	7.009			
Pure Premium Indicated by National Relativity		0%	0.0000	0%	0.0000	0.000			
Pure Premium Present on Rate Level		72%	3.7699	59%	2.9516	6.722			
Pure Premium Derived by Formula		3.7476		3.1021		6.850			

CLASS 9180		AMUSEMENT DEVICE OPERATION NOC-NOT TRAVELING-& DRIVERS							
Industry Group: Miscellaneous Hazard Group: D		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	33,996,675	2	95,717	11	28,101	125,005	98,888	347,711	1.023
1/20 through 12/20	40,860,897	4	8,291	17	69,776	22,340	225,537	325,944	0.798
1/21 through 12/21	46,314,627	1	22,780	10	36,602	0	206,593	265,975	0.574
1/22 through 12/22	54,322,326	1	24,180	12	146,851	7,403	330,723	509,157	0.937
1/23 through 12/23	53,072,813	1	15,969	13	125,786	12,165	288,073	441,993	0.833
5 YR. TOTAL	228,567,338	9	166,937	63	407,116	166,913	1,149,814	1,890,780	0.827
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.2512	33%	0.5761	0.827			
Pure Premium Indicated by National Relativity		41%	0.7082	33%	0.9422	1.650			
Pure Premium Present on Rate Level		42%	0.6007	34%	0.8082	1.409			
Pure Premium Derived by Formula		0.5854		0.7758		1.361			

CLASS 9182		ATHLETIC SPORTS OR PARK: OPERATIONS & DRIVERS							
Industry Group: Miscellaneous Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	43,588,910	0	0	8	32,057	0	79,928	111,985	0.257
1/20 through 12/20	27,491,983	0	0	1	568	0	22,985	23,553	0.086
1/21 through 12/21	42,688,438	1	5,304	13	64,287	406,327	228,377	704,295	1.650
1/22 through 12/22	54,045,052	1	63,690	6	46,685	211,942	109,182	431,499	0.798
1/23 through 12/23	74,563,190	2	80,840	10	65,904	121,030	338,967	606,741	0.814
5 YR. TOTAL	242,377,573	4	149,834	38	209,501	739,299	779,439	1,878,073	0.775
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		12%	0.1483	26%	0.6266	0.775			
Pure Premium Indicated by National Relativity		44%	0.3065	37%	0.4174	0.724			
Pure Premium Present on Rate Level		44%	0.2799	37%	0.4714	0.751			
Pure Premium Derived by Formula		0.2758		0.4918		0.768			

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9186		CARNIVAL, CIRCUS OR AMUSEMENT DEVICE OPERATOR-TRAVELING-ALL EMPLOYEES & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	2,358,064	0	0	1	2,833	0	4,315	7,148	0.303
1/20 through 12/20	649,148	0	0	0	0	0	0	0	0.000
1/21 through 12/21	1,273,639	0	0	0	0	0	0	0	0.000
1/22 through 12/22	2,419,074	0	0	0	0	0	14,164	14,164	0.586
1/23 through 12/23	3,319,765	0	0	1	18,584	0	3,704	22,288	0.671
5 YR. TOTAL	10,019,690	0	0	2	21,417	0	22,183	43,600	0.435
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		5%	0.2137	10%		0.2214		0.435	
Pure Premium Indicated by National Relativity		18%	1.2220	19%		2.4384		3.660	
Pure Premium Present on Rate Level		77%	1.0600	71%		1.5894		2.649	
Pure Premium Derived by Formula			1.0468			1.6139		2.661	

CLASS 9220		CEMETERY OPERATIONS & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	15,720,962	2	47,771	8	30,446	56,410	61,422	196,049	1.247
1/20 through 12/20	15,955,648	0	0	10	144,679	0	107,315	251,994	1.579
1/21 through 12/21	19,910,198	2	223,401	8	162,056	27,679	196,256	609,392	3.061
1/22 through 12/22	20,153,039	0	0	7	127,598	0	65,271	192,869	0.957
1/23 through 12/23	23,986,758	0	0	8	200,378	0	98,373	298,751	1.246
5 YR. TOTAL	95,726,605	4	271,172	41	665,157	84,089	528,637	1,549,055	1.618
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		13%	0.9781	20%		0.6401		1.618	
Pure Premium Indicated by National Relativity		42%	0.7541	40%		0.5995		1.354	
Pure Premium Present on Rate Level		45%	0.8545	40%		0.7056		1.560	
Pure Premium Derived by Formula			0.8284			0.6501		1.479	

CLASS 9402		STREET CLEANING & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	81,216,810	7	307,366	20	399,550	110,257	374,684	1,191,857	1.468
1/20 through 12/20	86,602,775	6	171,658	30	1,087,627	131,257	481,544	1,872,086	2.162
1/21 through 12/21	103,302,175	5	453,252	23	1,595,012	234,636	686,604	2,969,504	2.875
1/22 through 12/22	123,202,079	4	301,722	27	1,192,449	436,034	1,100,990	3,031,195	2.460
1/23 through 12/23	133,458,154	5	570,865	18	1,200,682	343,869	881,142	2,996,558	2.245
5 YR. TOTAL	527,781,993	27	1,804,863	118	5,475,320	1,256,053	3,524,964	12,061,200	2.285
		INDEMNITY				MEDICAL		TOTAL	
		CRED.	PURE PREM.*	CRED.		PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		36%	1.3794	50%		0.9059		2.285	
Pure Premium Indicated by National Relativity		32%	1.0365	25%		0.7551		1.792	
Pure Premium Present on Rate Level		32%	1.1379	25%		0.8093		1.947	
Pure Premium Derived by Formula			1.1924			0.8441		2.037	

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* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9403		GARBAGE, ASHES OR REFUSE COLLECTION & DRIVERS							
Industry Group: Miscellaneous Hazard Group: F		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	213,249,247	11	893,345	79	2,675,931	978,367	1,671,929	6,219,572	2.917
1/20 through 12/20	223,072,595	18	1,151,916	82	2,559,524	543,046	1,895,834	6,150,320	2.757
1/21 through 12/21	256,711,480	23	1,194,153	84	3,028,263	894,092	1,661,575	6,778,083	2.640
1/22 through 12/22	321,612,315	19	2,343,148	103	4,516,708	2,661,460	2,685,106	12,206,422	3.795
1/23 through 12/23	332,562,659	11	1,137,025	101	4,124,631	721,299	3,063,045	9,046,000	2.720
5 YR. TOTAL	1,347,208,296	82	6,719,587	449	16,905,057	5,798,264	10,977,489	40,400,397	2.999
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		70%	1.7536	98%	1.2452	2.999			
Pure Premium Indicated by National Relativity		15%	1.8445	1%	1.2822	3.127			
Pure Premium Present on Rate Level		15%	1.7031	1%	1.2334	2.937			
Pure Premium Derived by Formula			1.7597		1.2455	3.005			

CLASS 9410		MUNICIPAL, TOWNSHIP, COUNTY OR STATE EMPLOYEE NOC							
Industry Group: Goods and Services Hazard Group: C		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	30,396,718	1	7,153	7	216,571	6,963	150,406	381,093	1.254
1/20 through 12/20	33,061,524	0	0	5	121,572	0	93,143	214,715	0.649
1/21 through 12/21	31,867,710	1	18,993	8	21,257	16,164	58,299	114,713	0.360
1/22 through 12/22	39,004,957	1	230,197	7	22,975	55,059	93,925	402,156	1.031
1/23 through 12/23	39,196,937	0	0	11	75,875	0	221,238	297,113	0.758
5 YR. TOTAL	173,527,846	3	256,343	38	458,250	78,186	617,011	1,409,790	0.812
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		13%	0.4118	20%	0.4006	0.812			
Pure Premium Indicated by National Relativity		43%	0.3901	40%	0.3553	0.745			
Pure Premium Present on Rate Level		44%	0.4412	40%	0.4042	0.845			
Pure Premium Derived by Formula			0.4154		0.3839	0.799			

CLASS 9501		PAINTING: SHOP ONLY & DRIVERS							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES						TOTAL AMOUNT	TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT		
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	51,189,605	0	0	12	151,513	0	155,064	306,577	0.599
1/20 through 12/20	51,614,072	1	4,614	14	242,149	0	162,629	409,392	0.793
1/21 through 12/21	52,448,870	1	26,559	12	234,402	3,632	301,715	566,308	1.080
1/22 through 12/22	55,720,948	2	51,874	10	237,055	15,374	466,407	770,710	1.383
1/23 through 12/23	58,057,581	1	73,373	7	255,516	10,755	258,224	597,868	1.030
5 YR. TOTAL	269,031,076	5	156,420	55	1,120,635	29,761	1,344,039	2,650,855	0.985
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		17%	0.4747	26%	0.5106	0.985			
Pure Premium Indicated by National Relativity		41%	0.5492	37%	0.4025	0.952			
Pure Premium Present on Rate Level		42%	0.5048	37%	0.4521	0.957			
Pure Premium Derived by Formula			0.5179		0.4490	0.967			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9505		PAINTING: AUTOMOBILE OR CARRIAGE BODIES							
Industry Group: Manufacturing Hazard Group: D		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	4,931,231	1	38,451	2	2,635	14,488	19,152	74,726	1.515
1/20 through 12/20	5,838,810	0	0	2	57,519	0	129,007	186,526	3.195
1/21 through 12/21	5,229,759	0	0	1	7,491	0	3,242	10,733	0.205
1/22 through 12/22	5,490,198	0	0	1	65	0	1,101	1,166	0.021
1/23 through 12/23	6,262,747	0	0	0	0	0	1,800	1,800	0.029
5 YR. TOTAL	27,752,745	1	38,451	6	67,710	14,488	154,302	274,951	0.991
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		6%	0.3825		9%	0.6082		0.991	
Pure Premium Indicated by National Relativity		22%	0.4637		24%	0.4526		0.916	
Pure Premium Present on Rate Level		72%	0.5607		67%	0.5490		1.110	
Pure Premium Derived by Formula		0.5287			0.5312			1.060	

CLASS 9516		ELECTRONIC EQUIPMENT - INSTALLATION, SERVICE, OR REPAIR - SHOP AND OUTSIDE & DRIVERS							
Industry Group: Goods and Services Hazard Group: D		CONVERTED LOSSES							TOTAL PURE PREM.
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	
1/19 through 12/19	75,370,215	2	66,005	13	185,250	45,043	249,781	546,079	0.725
1/20 through 12/20	75,025,158	3	194,515	12	218,128	86,924	209,130	708,697	0.945
1/21 through 12/21	84,889,036	3	243,371	9	295,509	90,314	160,747	789,941	0.931
1/22 through 12/22	97,301,975	9	904,024	17	234,431	508,882	197,590	1,844,927	1.896
1/23 through 12/23	100,136,893	1	911	14	457,854	11,634	354,611	825,010	0.824
5 YR. TOTAL	432,723,277	18	1,408,826	65	1,391,172	742,797	1,171,859	4,714,654	1.090
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		21%	0.6471		29%	0.4425		1.090	
Pure Premium Indicated by National Relativity		39%	0.5000		35%	0.2969		0.797	
Pure Premium Present on Rate Level		40%	0.5027		36%	0.3387		0.841	
Pure Premium Derived by Formula		0.5320			0.3542			0.886	

CLASS 9519		HOUSEHOLD AND COMMERCIAL APPLIANCES-ELECTRICAL-INSTALLATION, SERVICE OR REPAIR & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	91,948,039	6	164,615	37	517,647	92,982	345,391	1,120,635	1.219
1/20 through 12/20	99,850,597	2	234,879	33	499,406	85,749	475,509	1,295,543	1.298
1/21 through 12/21	111,297,091	7	499,207	29	591,158	286,283	666,362	2,043,010	1.836
1/22 through 12/22	117,535,261	7	1,088,363	46	1,317,669	414,381	698,868	3,519,281	2.994
1/23 through 12/23	127,698,757	6	511,823	30	1,025,861	267,819	720,075	2,525,578	1.978
5 YR. TOTAL	548,329,745	28	2,498,887	175	3,951,741	1,147,214	2,906,205	10,504,047	1.916
		INDEMNITY			MEDICAL			TOTAL	
		CRED.	PURE PREM.*		CRED.	PURE PREM.*		PURE PREM.*	
Indicated Pure Premium		34%	1.1764		46%	0.7392		1.916	
Pure Premium Indicated by National Relativity		33%	1.0790		27%	0.6245		1.704	
Pure Premium Present on Rate Level		33%	0.9698		27%	0.6715		1.641	
Pure Premium Derived by Formula		1.0761			0.6900			1.766	

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9521		HOUSE FURNISHINGS INSTALLATION NOC & UPHOLSTERING							
Industry Group: Manufacturing Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	48,713,002	1	15,491	16	304,092	48,567	120,859	489,009	1.004
1/20 through 12/20	52,986,402	3	43,158	19	274,877	13,524	263,630	595,189	1.123
1/21 through 12/21	66,256,583	2	46,046	11	227,525	10,723	118,050	402,344	0.607
1/22 through 12/22	88,558,461	2	102,089	16	332,027	261,813	229,970	925,899	1.046
1/23 through 12/23	98,735,913	4	152,386	13	187,948	117,229	152,143	609,706	0.618
5 YR. TOTAL	355,250,361	12	359,170	75	1,326,469	451,856	884,652	3,022,147	0.851
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	0.4745	29%	0.3762	0.851			
Pure Premium Indicated by National Relativity		40%	0.5041	35%	0.4155	0.920			
Pure Premium Present on Rate Level		40%	0.5372	36%	0.4248	0.962			
Pure Premium Derived by Formula		0.5114		0.4075		0.919			

CLASS 9522		UPHOLSTERING							
Industry Group: Manufacturing Hazard Group: B		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	538,859,344	10	304,299	85	1,126,953	235,592	998,440	2,665,284	0.495
1/20 through 12/20	546,784,687	7	360,702	90	1,619,710	177,413	1,160,679	3,318,504	0.607
1/21 through 12/21	649,084,713	13	749,672	104	1,630,824	413,783	1,455,504	4,249,783	0.655
1/22 through 12/22	590,707,967	13	434,474	69	1,510,873	281,973	1,135,516	3,362,836	0.569
1/23 through 12/23	601,677,531	2	286,080	69	1,840,752	566,118	1,421,779	4,114,729	0.684
5 YR. TOTAL	2,927,114,242	45	2,135,227	417	7,729,112	1,674,879	6,171,918	17,711,136	0.605
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		49%	0.3370	67%	0.2681	0.605			
Pure Premium Indicated by National Relativity		25%	0.5445	16%	0.3686	0.913			
Pure Premium Present on Rate Level		26%	0.3881	17%	0.2714	0.660			
Pure Premium Derived by Formula		0.4022		0.2847		0.687			

CLASS 9534		MOBILE CRANE AND HOISTING SERVICE CONTRACTORS-NOC-ALL OPERATIONS & DRIVERS							
Industry Group: Contracting Hazard Group: G		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	34,983,049	1	276,844	5	355,858	201,754	391,489	1,225,945	3.504
1/20 through 12/20	34,282,748	1	136,347	4	93,002	41,413	168,271	439,033	1.281
1/21 through 12/21	37,236,353	1	25,726	9	845,641	29,871	373,890	1,275,128	3.424
1/22 through 12/22	44,316,057	0	0	6	219,348	0	131,943	351,291	0.793
1/23 through 12/23	58,024,393	3	492,386	7	377,526	262,835	346,037	1,478,784	2.549
5 YR. TOTAL	208,842,600	6	931,303	31	1,891,375	535,873	1,411,630	4,770,181	2.284
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		21%	1.3516	31%	0.9325	2.284			
Pure Premium Indicated by National Relativity		39%	0.9091	34%	0.6709	1.580			
Pure Premium Present on Rate Level		40%	0.9511	35%	0.7760	1.727			
Pure Premium Derived by Formula		1.0188		0.7888		1.808			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9554		SIGN INSTALLATION, MAINTENANCE, REPAIR OR REMOVAL & DRIVERS							
Industry Group: Contracting Hazard Group: F		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	20,663,953	0	0	9	257,685	0	248,492	506,177	2.450
1/20 through 12/20	20,546,167	2	312,932	13	160,385	180,583	323,290	977,190	4.756
1/21 through 12/21	23,190,930	1	40,151	7	398,759	38,492	232,272	709,674	3.060
1/22 through 12/22	33,650,398	1	13,531	11	255,558	7,888	172,428	449,405	1.336
1/23 through 12/23	28,872,927	1	87,468	7	101,514	477,138	106,791	772,911	2.677
5 YR. TOTAL	126,924,375	5	454,082	47	1,173,901	704,101	1,083,273	3,415,357	2.691
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		20%	1.2826	30%	1.4082	2.691			
Pure Premium Indicated by National Relativity		40%	1.6361	35%	1.4450	3.081			
Pure Premium Present on Rate Level		40%	1.4073	35%	1.2326	2.640			
Pure Premium Derived by Formula		1.4739		1.3596		2.834			

CLASS 9586		BARBERSHOP, BEAUTY PARLOR OR HAIR STYLING SALON							
Industry Group: Goods and Services Hazard Group: B		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	223,852,651	1	18,257	10	316,038	31,560	156,747	522,602	0.233
1/20 through 12/20	231,744,524	1	236,325	9	81,313	153,131	45,150	515,919	0.223
1/21 through 12/21	276,954,253	0	0	13	241,585	0	188,990	430,575	0.155
1/22 through 12/22	311,834,223	2	41,352	12	107,503	3,986	74,731	227,572	0.073
1/23 through 12/23	360,370,078	3	181,911	6	80,519	99,372	84,998	446,800	0.124
5 YR. TOTAL	1,404,755,729	7	477,845	50	826,958	288,049	550,616	2,143,468	0.153
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		16%	0.0929	22%	0.0597	0.153			
Pure Premium Indicated by National Relativity		42%	0.0843	39%	0.0623	0.147			
Pure Premium Present on Rate Level		42%	0.0820	39%	0.0617	0.144			
Pure Premium Derived by Formula		0.0847		0.0615		0.146			

CLASS 9600		TAXIDERMIST							
Industry Group: Manufacturing Hazard Group: C		CONVERTED LOSSES							
POLICY PERIOD	PAYROLL	INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY AMOUNT	MED NOT-LIKELY AMOUNT	TOTAL AMOUNT	TOTAL PURE PREM.
		CASES	AMOUNT	CASES	AMOUNT				
1/19 through 12/19	92,120	0	0	0	0	0	0	0	0.000
1/20 through 12/20	82,831	0	0	0	0	0	0	0	0.000
1/21 through 12/21	191,779	0	0	0	0	0	0	0	0.000
1/22 through 12/22	165,394	0	0	0	0	0	0	0	0.000
1/23 through 12/23	133,922	0	0	0	0	0	0	0	0.000
5 YR. TOTAL	666,046	0	0	0	0	0	0	0	0.000
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		1%	0.0000	1%	0.0000	0.000			
Pure Premium Indicated by National Relativity		7%	0.1930	8%	0.2977	0.491			
Pure Premium Present on Rate Level		92%	0.3458	91%	0.3336	0.679			
Pure Premium Derived by Formula		0.3316		0.3274		0.659			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

Appendix B-II

EFFECTIVE 4/1/2027

CLASS 9620		FUNERAL DIRECTOR & DRIVERS							
Industry Group: Goods and Services Hazard Group: E		CONVERTED LOSSES							
		INDEMNITY LIKELY		INDEMNITY NOT-LIKELY		MED LIKELY	MED NOT-LIKELY	TOTAL	TOTAL
POLICY PERIOD	PAYROLL	CASES	AMOUNT	CASES	AMOUNT	AMOUNT	AMOUNT	AMOUNT	PURE PREM.
1/19 through 12/19	96,852,637	1	11,069	6	30,595	25,989	95,912	163,565	0.169
1/20 through 12/20	108,799,164	2	123,345	14	224,516	64,097	286,230	698,188	0.642
1/21 through 12/21	115,105,458	5	261,668	10	451,353	183,847	243,100	1,139,968	0.990
1/22 through 12/22	117,947,118	3	126,998	12	210,589	111,803	304,212	753,602	0.639
1/23 through 12/23	123,450,274	2	117,963	12	583,770	29,592	298,373	1,029,698	0.834
5 YR. TOTAL	562,154,651	13	641,043	54	1,500,823	415,328	1,227,827	3,785,021	0.673
		INDEMNITY		MEDICAL		TOTAL			
		CRED.	PURE PREM.*	CRED.	PURE PREM.*	PURE PREM.*			
Indicated Pure Premium		19%	0.3810	30%	0.2923	0.673			
Pure Premium Indicated by National Relativity		40%	0.2794	35%	0.2717	0.551			
Pure Premium Present on Rate Level		41%	0.2908	35%	0.2826	0.573			
Pure Premium Derived by Formula			0.3034		0.2817	0.585			

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

* Pure Premium per \$100 of Payroll
 ** Pure Premium per employee
 ++ Non-Standard Calculation

NORTH CAROLINA

APPENDIX B-III

Adjustments to Obtain Loss Costs

The following items are combined with the derived by formula pure premium to obtain the proposed loss cost:

1. Test Correction Factor

The payrolls are now extended by the loss costs presently in effect and by the indicated loss costs to determine if the required change in manual premium level as calculated in Exhibit I has been achieved. Since at first this calculation may not yield the required results, an iterative process is initiated which continuously tests the proposed loss costs including tentative test correction factors until the required change in manual premium level is obtained. The test correction factor is applied to the derived by formula pure premiums.

The factors referred to above are set out as follows:

	Test Correction Factor
Manufacturing	0.9952
Contracting	0.9868
Office & Clerical	1.0022
Goods & Services	0.9998
Miscellaneous	0.9911

2. Ratios of Manual to Standard Premiums

The ratios of manual to standard premiums by industry group have also been excluded from the classification experience, and it is necessary to apply these factors to the derived by formula pure premiums.

	Ratio of Manual to Standard Premiums
Manufacturing	1.096
Contracting	1.084
Office & Clerical	1.138
Goods & Services	1.034
Miscellaneous	1.033

NORTH CAROLINA

APPENDIX B-III

3. Swing Limits

As a further step, a test is made to make certain that the proposed loss costs fall within the following departures from the present loss costs:

Manufacturing	from 15% above to 35% below
Contracting	from 13% above to 37% below
Office & Clerical	from 13% above to 37% below
Goods & Services	from 16% above to 34% below
Miscellaneous	from 14% above to 36% below

These limits have been calculated in accordance with the following formula:

Max. Deviation = Effect of the final change in loss cost level by industry group plus or minus 25% rounded to the nearest 1%.

The product of the swing limits and the present loss cost sets bounds for the proposed loss cost. If the calculated loss cost falls outside of the bounds, the closest bound is chosen as the proposed loss cost. When a code is limited, the underlying pure premiums are adjusted to reflect the limited loss cost. The classifications which have been so limited are shown below. Note that classifications that are subject to special handling may fall outside of the swing limits.

An illustrative example showing the calculation of a proposed manual class loss cost is attached as Appendix B-IV. This example demonstrates the manner in which the partial pure premiums are combined to produce a total pure premium, and shows the steps in the calculation at which the rounding takes place. The loss costs for other classifications are calculated in the same manner.

* A code listed below with an asterisk indicates the code's swing limit was adjusted by 0.001 before being applied; this is only performed when the upper and lower bounds calculated by the swing limit are equal.

List of Classifications Limited by the Upper Swing

4431

List of Classifications Limited by the Lower Swing

None

NORTH CAROLINA

APPENDIX B-IV

Derivation of Proposed Loss Cost - Code 8810

As previously explained in Appendix B-I, the indicated pure premiums are developed by adjusting the limited losses by a set of conversion factors. The converted losses are then summarized into indemnity and medical and then divided by payroll (in hundreds). The derivation of the indicated pure premium for the above-captioned classification follows:

LIMITED LOSSES (Workers Compensation Statistical Plan)

Policy Period	Fatal Likely	Fatal Not-Likely	Permanent Total	Permanent Partial Likely	Permanent Partial Not-Likely	Temporary Total Likely	Temporary Total Not-Likely	Medical Likely	Medical Not-Likely
01/01/19 - 12/31/19	160,228	206,179	68,602	3,754,553	4,370,546	1,357,668	3,726,999	3,339,221	7,210,603
01/01/20 - 12/31/20	104,753	680,301	647,501	1,966,790	3,282,587	1,415,072	3,649,964	2,379,776	7,106,252
01/01/21 - 12/31/21	0	930,117	0	714,197	4,113,790	1,738,421	3,414,127	1,724,892	6,222,919
01/01/22 - 12/31/22	0	991,965	0	2,743,463	4,512,495	2,006,838	4,252,476	3,212,085	7,619,279
01/01/23 - 12/31/23	0	5,000	0	1,180,413	2,901,950	1,570,712	3,384,118	3,247,691	7,977,268

PRIMARY CONVERSION FACTORS (Appendix B-I, Section A-1)

Policy Period	Fatal Likely	Fatal Not-Likely	Permanent Total	Permanent Partial Likely	Permanent Partial Not-Likely	Temporary Total Likely	Temporary Total Not-Likely	Medical Likely	Medical Not-Likely
01/01/19 - 12/31/19	0.686	0.664	0.686	0.686	0.664	0.686	0.664	0.692	0.691
01/01/20 - 12/31/20	0.738	0.707	0.738	0.738	0.707	0.738	0.707	0.720	0.717
01/01/21 - 12/31/21	0.807	0.764	0.807	0.807	0.764	0.807	0.764	0.744	0.745
01/01/22 - 12/31/22	0.965	0.866	0.965	0.965	0.866	0.965	0.866	0.764	0.771
01/01/23 - 12/31/23	1.602	1.160	1.602	1.602	1.160	1.602	1.160	0.806	0.783

EXPECTED EXCESS PROVISION AND REDISTRIBUTION (Appendix B-I, Section A-2)

After the application of the primary conversion factors, the limited losses are brought to an expected unlimited level through the application of a hazard group-specific excess loss factor. The factor is shown below:

	HAZARD GROUP: C
Excess Factor	1.239

As the excess loss factor is on a combined (indemnity and medical) basis, the following portion of the indemnity expected excess losses are redistributed to medical in order to more accurately allocate expected excess losses:

Redistribution %	40%
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NORTH CAROLINA

APPENDIX B-IV

Derivation of Proposed Loss Cost - Code 8810

EXPECTED UNLIMITED LOSSES (Limited Losses x Primary Conversion Factors, then adjusted for the Excess Provision and Redistribution)

Policy Period	Fatal Likely	Fatal Not-Likely	Permanent Total	Permanent Partial Likely	Permanent Partial Not-Likely	Temporary Total Likely	Temporary Total Not-Likely	Medical Likely	Medical Not-Likely
01/01/19 - 12/31/19	125,688	156,548	53,814	2,945,210	3,318,470	1,065,005	2,829,836	3,213,877	6,701,589
01/01/20 - 12/31/20	88,401	549,990	546,426	1,659,772	2,653,809	1,194,178	2,950,816	2,415,087	6,828,620
01/01/21 - 12/31/21	0	812,577	0	659,061	3,593,930	1,604,215	2,982,683	1,779,577	6,362,995
01/01/22 - 12/31/22	0	982,310	0	3,027,335	4,468,571	2,214,490	4,211,083	3,479,456	8,087,689
01/01/23 - 12/31/23	0	6,632	0	2,162,373	3,849,302	2,877,353	4,488,876	3,665,283	8,438,140

SECONDARY CONVERSION FACTORS (Appendix B-I, Section A-3)

Policy Period	INDUSTRY GROUP: Office and Clerical
01/01/19 - 12/31/19	0.905
01/01/20 - 12/31/20	0.907
01/01/21 - 12/31/21	0.895
01/01/22 - 12/31/22	0.883
01/01/23 - 12/31/23	0.934

PAYROLL, FINAL CONVERTED LOSSES (Expected Unlimited Losses x Secondary Conversion Factors)

Policy Period	Payroll	Indemnity Likely	Indemnity Not-Likely	Medical Likely	Medical Not-Likely	Total Indemnity	Total Medical	Total
01/01/19 - 12/31/19	48,487,154,253	3,791,694	5,705,893	2,908,559	6,064,938	9,497,587	8,973,497	18,471,084
01/01/20 - 12/31/20	50,601,867,156	3,164,321	5,582,236	2,190,484	6,193,558	8,746,557	8,384,042	17,130,599
01/01/21 - 12/31/21	57,134,125,439	2,025,632	6,613,325	1,592,721	5,694,881	8,638,957	7,287,602	15,926,559
01/01/22 - 12/31/22	61,515,834,891	4,628,531	8,531,514	3,072,360	7,141,429	13,160,045	10,213,789	23,373,834
01/01/23 - 12/31/23	63,574,423,357	4,707,104	7,794,053	3,423,374	7,881,223	12,501,157	11,304,597	23,805,754
Total	281,313,405,096	18,317,282	34,227,021	13,187,498	32,976,029	52,544,303	46,163,527	98,707,830
INDICATED PURE PREMIUM						0.0187	0.0164	0.035

The pure premiums shown were calculated using unrounded losses, while the converted losses have been rounded for display purposes.

The present on rate level pure premiums are developed by adjusting the pure premiums underlying the current loss cost by the conversion factors calculated in Appendix B-I. The derivation of the present on rate level pure premiums for the above-captioned classification follows:

	Indemnity	Medical	Total
Pure Premiums Underlying Current Loss Cost	0.0206	0.0184	0.039
Conversion Factors (App. B-I, Section B)	0.862	0.893	xxx
PURE PREMIUMS PRESENT ON RATE LEVEL			
(Underlying Pure Premiums) x (Conversion Factor)	0.0178	0.0164	0.034

NORTH CAROLINA

APPENDIX B-IV

Derivation of Proposed Loss Cost - Code 8810 Industry Group - Office and Clerical, Hazard Group - C

The loss cost for the above-captioned classification is derived as follows:

	<u>Indemnity</u>	<u>Medical</u>	<u>Total</u>
1. Indicated Pure Premium	0.0187	0.0164	0.035
2. Pure Premium Indicated by National Relativity	0.0196	0.0176	0.037
3. Pure Premium Present on Rate Level	0.0178	0.0164	0.034
4. State Credibilities	100%	100%	xxx
5. National Credibilities	0%	0%	xxx
6. Residual Credibilities = $100\% - (4) - (5)$	0%	0%	xxx
7. Derived by Formula Pure Premiums = $(1) \times (4) + (2) \times (5) + (3) \times (6)$	0.0187	0.0164	0.035
8. Test Correction Factor	1.0022	1.0022	xxx
9. Underlying Pure Premiums = $(7) \times (8) *$	0.0186	0.0164	0.035
10. Ratio of Manual to Standard Premium			1.138
11. Loss Cost = $(9) \times (10)$			0.040
12. Loss Cost Within Swing Limits			0.040
Current Loss Cost x Swing Limits			
a) Lower bound = $0.044 \times 0.630 = 0.028$			
b) Upper bound = $0.044 \times 1.130 = 0.049$			
13. Pure Premiums Underlying Proposed Loss Cost* = $((13TOT) / (9TOT)) \times (9)$, $(13TOT) = (12) / (10)$	0.0186	0.0164	0.035
14. Miscellaneous Loadings			0.000
15. Final Loaded Loss Cost			0.040

* Indemnity pure premium is adjusted for the rounded total pure premium:
Indemnity Pure Premium = Total Pure Premium - Medical Pure Premium

NORTH CAROLINA

APPENDIX B-V

WCSP data is used to determine the F-Classification (F-Class) loss costs. The latest year of WCSP payroll is extended by both the current and proposed loss costs. Based on \$11,223,419 of payroll, the overall loss cost level change in North Carolina is -11.1%.

I. Overview of Methodology

- Ten years of F-Class losses* across all states for which the National Council on Compensation Insurance compiles workers compensation ratemaking data are converted and adjusted to a countrywide level and used with ten years of F-Class countrywide payroll to determine the F-class countrywide pure premiums at both an overall and individual classification level.
- F-class countrywide pure premiums are calculated by class and then credibility-weighted with the overall countrywide F-class pure premium, using a full-credibility standard of three billion dollars in class payroll. Credibility-weighted class pure premiums are compared to the overall F-class pure premium to produce countrywide relativities, which are then normalized to obtain final relativities. The resulting values appear in the table in Section II.
- A single state primary base pure premium is calculated by applying a countrywide to state relativity factor to bring the F-class overall countrywide pure premium to the North Carolina proposed level.
- A final base pure premium is calculated by bringing the primary base pure premium to the proposed North Carolina trend and benefit levels and applying any applicable expenses and/or offsets.
- Final F-Class loss costs are calculated by applying the countrywide relativity by class code to the final base pure premium and applying swing limits.

*Losses are limited to \$500,000 for a single claim occurrence and \$1,500,000 for each multiple claim occurrence.

NORTH CAROLINA

APPENDIX B-V

II. The F-class code countrywide relativities:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Class Code	Countrywide Payroll*	Countrywide Converted Losses*	Countrywide Pure Premium	Indicated Relativity	Class Code Credibility	Credibility Weighted Pure Premium	Unbalanced Relativity	Final Relativity
6006	533,370,198	16,045,288	3.008	1.448	0.42	2.468	1.188	1.175
6801	28,185,079	540,689	1.918	0.923	0.10	2.061	0.992	0.981
6824	458,063,048	10,368,436	2.264	1.090	0.39	2.150	1.035	1.024
6825	257,834,669	1,839,420	0.713	0.343	0.29	1.681	0.809	0.800
6826	173,710,178	1,833,734	1.056	0.508	0.24	1.832	0.882	0.872
6828	31,548,307	909,990	2.884	1.389	0.10	2.158	1.039	1.028
6829	0	0	0.000	0.000	0.00	2.077	1.000	0.989
6843	707,171,396	20,880,470	2.953	1.422	0.49	2.506	1.207	1.194
6845	270,211,558	8,255,014	3.055	1.471	0.30	2.370	1.141	1.129
6872	1,625,319,796	44,893,917	2.762	1.330	0.74	2.584	1.244	1.230
6873	27,582,623	73,699	0.267	0.129	0.10	1.896	0.913	0.903
6874	195,188,270	5,565,305	2.851	1.373	0.26	2.278	1.097	1.085
7309	1,042,323,296	30,433,106	2.920	1.406	0.59	2.574	1.239	1.226
7313	702,958,724	8,486,765	1.207	0.581	0.48	1.659	0.799	0.790
7317	1,574,339,142	26,475,118	1.682	0.810	0.72	1.793	0.863	0.854
7327	34,929,028	1,943,544	5.564	2.679	0.11	2.461	1.185	1.172
7350	746,960,584	16,336,673	2.187	1.053	0.50	2.132	1.026	1.015
8709	462,132,725	2,668,261	0.577	0.278	0.39	1.492	0.718	0.710
8726	787,796,471	3,112,158	0.395	0.190	0.51	1.219	0.587	0.581
9077	560,682	4,482	0.799	0.385	0.01	2.064	0.994	0.983
Overall	9,660,185,774	200,666,069	2.077				1.011	1.000

*10 years of data

Column (3) = (2) / ((1) / 100)

Column (4) = (3) / (3 Overall)

Column (5) = min(sqrt[(1)/3,000,000,000], 1.00)

Column (6) = (3) x (5) + (3 Overall) x (1.00 - (5))

Column (7) = (6)/(3 Overall)

Column (7) Overall = $\sum_{\text{Class}} [(1) \times (7)] / \sum_{\text{Class}} (1)$

Column (8) = (7)/(7 Overall)

III. Swing Limits

The proposed loss costs are limited to the swing limits based on 15% above and 15% below the current loss costs.

Classifications Limited by the Upper Swing

6826 7313 8726

Classifications Limited by the Lower Swing

6872 6874 7309 7317
7327 7350

NORTH CAROLINA

APPENDIX B-V

Derivation of State Base Pure Premium

	<u>Indemnity</u>	<u>Medical</u>	<u>Total</u>
1. Overall Countrywide Pure Premium			2.077
2. State Act Pure Premium Relativity Factor			1.096
3. Countrywide State Act Weight			28%
4. Primary Base Pure Premium = [(1) x (2) x (3)] + [(1) x (1 - (3))]			2.133
5. Countrywide Weights	53%	47%	100%
6. Trend Factors	0.940	0.940	xx
7. Weighted Benefits	1.000	1.004	xx
8. Weighted Loss-Based Expenses	1.260	1.205	xx
9. Secondary Base Pure Premium* = (4tot) x (5) x (6) x (7) x (8)	1.3389	1.1401	2.479
10. Additional Offsets			1.000
11. Final Base Pure Premium = (9) x (10)			2.479

* Indemnity pure premium is adjusted for the rounded total pure premium:
Indemnity Pure Premium = Total Pure Premium - Medical Pure Premium

NORTH CAROLINA

APPENDIX B-V

Derivation of Proposed Loss Cost - Code 6872

Industry Group - F-Class, Hazard Group - G

The loss cost for the above-captioned classification is derived as follows:

1. North Carolina's Final Base Pure Premium	2.479
2. Countrywide Class Code 6872 Relativity (Section II)	1.230
3. Loss Cost = (1) x (2)	3.049
4. Loss Cost Within Swing Limits	3.103
Current Loss Cost x Swing Limits	
a) Lower bound = $3.650 \times 0.85 = 3.103$	
b) Upper bound = $3.650 \times 1.15 = 4.197$	
5. Miscellaneous Loadings	0.000
6. Final Loaded Loss Cost	3.103

NORTH CAROLINA

APPENDIX B-V

U.S. Longshore and Harbor Workers' Compensation Act Assessment

The F-class and Program II, Option II maritime class voluntary loss costs and assigned risk rates include the following provision for the federal assessment:

1.) Assessment Rate on Indemnity Losses *	7.7%
2.) Assessment Rate on Total Losses #	5.1%

* Calculated using data provided by the U.S. Department of Labor

Calculated using U.S. Department of Labor data and on-leveled and developed USL&HW losses - statistical plan data

North Carolina

APPENDIX B-VI

Table of Payroll-Weighted Class Codes

This exhibit is included to describe the methodology underlying the calculation of the payroll-weighted loss costs for the class code groupings shown below.

Loss costs for these groups are calculated by payroll-weighting the indicated loss costs of the class codes using the latest policy period of payroll included in this filing. Prior to payroll-weighting, standard class ratemaking procedures are performed for all class codes listed below, and traditional swing limits are applied if necessary. Class codes that are limited are listed in Appendix B-III.

The class codes below also have a footnote indicating a non-standard calculation in the Individual Classification Exhibit that accompanies this filing.

Payroll-Weighted Class Codes	
7710	7711

North Carolina

APPENDIX B-VI

Percent-Rated Class Codes

This exhibit is included to describe the methodology used in calculating percent-rated codes, which are class codes that take a percentage of the loss cost of another code.

Employers Liability Insurance for Admiralty Law (Maritime) and Federal Employers' Liability Act (FELA) class code calculations are displayed, along with any other percent-rated class codes if applicable. The USL&HW factor used below is adjusted to account for Maritime and FELA losses being split between state and federal benefits.

The Maritime and FELA loss costs are based on three types of coverage:

Program 1, which covers employers liability claims only

Program 2, Option 1, which covers voluntary compensation of state benefits as well as employers liability claims

Program 2, Option 2, which covers voluntary compensation of USL&HW benefits as well as employers liability claims

The Maritime class codes shown below also have a footnote indicating a non-standard calculation in the Individual Classification Exhibit that accompanies this filing.

CODE	CALCULATION OF THE LOSS COST
Maritime	
7016	90% of Code 7024
7038	90% of Code 7090
7046	90% of Code 7098
7047	100% of Code 7024 x USL&HW factor
7050	100% of Code 7090 x USL&HW factor
7099	100% of Code 7098 x USL&HW factor
7333	90% of Code 7335
7337	100% of Code 7335 x USL&HW factor
7394	90% of Code 7395
7398	100% of Code 7395 x USL&HW factor
FELA	
6702	100% of Code 7855 x 1.35 x 0.9
6703	100% of Code 7855 x 1.35 x USL&HW factor
6704	100% of Code 7855 x 1.35
7151	100% of Code 7133 x 1.35 x 0.9
7152	100% of Code 7133 x 1.35 x USL&HW factor
7153	100% of Code 7133 x 1.35
8734	100% of Code 8742 x 1.35
8737	100% of Code 8742 x 1.35 x 0.9
8738	100% of Code 8742 x 1.35 x USL&HW factor
8805	100% of Code 8810 x 1.35
8814	100% of Code 8810 x 1.35 x 0.9
8815	100% of Code 8810 x 1.35 x USL&HW factor

NORTH CAROLINA

APPENDIX C-I

ANALYSIS OF NORTH CAROLINA MEDICAL FEE SCHEDULE CHANGES EFFECTIVE OCTOBER 1, 2025 AND JANUARY 1, 2026

NCCI estimates that the changes to the medical fee schedule in North Carolina, effective October 1, 2025, will result in an impact of +0.2% on overall workers compensation system costs.

NCCI estimates that the changes to the medical fee schedule in North Carolina, effective January 1, 2026, will result in an impact of +0.5% on overall workers compensation system costs.

SUMMARY OF QUANTIFIED CHANGES

The following fee schedule is effective 10/01/2025, revising the prior fee schedule which had been in effect since 10/01/2024.

Hospital Inpatient

- North Carolina's hospital inpatient fee schedule for inpatient services performed in a non-critical access hospital is being updated to reflect 160% of Medicare's 2026 Inpatient Prospective Payment System (IPPS). The prior fee schedule was based on 160% of Medicare's 2025 IPPS.

The following fee schedules are effective 01/01/2026, revising the prior fee schedules which had been in effect since 01/01/2025.

Physician

- North Carolina's physician fee schedule is being updated to reflect Medicare's 2026 Resource-Based Relative Value Scale (RBRVS). The prior physician fee schedule was based on Medicare's 2025 RBRVS.
- The RBRVS values are multiplied by the following state-specific factors, which have remained unchanged since 2015.

Physician Service Category	Medicare RBRVS Multiplier
Evaluation & Management	140%
Physical Medicine	140%
Emergency Medicine	169%
Neurology	153%
Pain Management	163%
Radiology	195%
Major Surgery	195%
All Other Professional Services	150%

Hospital Outpatient

- North Carolina's hospital outpatient fee schedule for outpatient services performed in a non-critical access hospital is being updated to reflect 200% of Medicare's 2026 Outpatient Prospective Payment System (OPPS). The prior fee schedule was based on 200% of Medicare's 2025 OPPS.

NORTH CAROLINA

APPENDIX C-I

ANALYSIS OF NORTH CAROLINA MEDICAL FEE SCHEDULE CHANGES EFFECTIVE OCTOBER 1, 2025 AND JANUARY 1, 2026

Ambulatory Surgical Center (ASC)

- North Carolina's ASC fee schedule is being updated to reflect 200% of Medicare's 2026 ASC Payment System. The prior fee schedule was based on 200% of Medicare's 2025 ASC Payment System.

ACTUARIAL ANALYSIS

NCCI's methodology to evaluate the impact of medical fee schedule changes includes three major steps:

1. Calculate the percentage change in maximum reimbursements
 - Compare the prior and revised maximum reimbursements by procedure code to determine the percentage change by procedure code. For hospital inpatient services, the prior and revised maximum reimbursements are compared by episode.
 - Calculate the weighted-average percentage change in maximum reimbursements for the fee schedule using observed payments by procedure code as weights. For hospital inpatient services, the observed payments by episode are used as weights. For hospital outpatient services, observed payments are aggregated according to packaging rules, where applicable.
2. Determine the share of costs that are subject to the fee schedule
 - The share is based on a combination of fields, such as procedure code, provider type, and place of service, as reported on the NCCI Medical Data Call, to categorize payments that are subject to the fee schedule.
 - Any potential impact from the share of costs not subject to the fee schedule will be realized in future claim experience.
3. Estimate the price level change as a result of the revised fee schedule
 - NCCI research by David Colón and Paul Hendrick, "The Impact of Fee Schedule Updates on Physician Payments" (2018), suggests that approximately 80% of the change in maximum reimbursements for physician fee schedules is realized on payments impacted by the change.
 - For facility fee schedule changes, a price realization factor of 80% is assumed.

Note that the values presented in the document are rounded and may not be displayed to full precision.

NORTH CAROLINA

APPENDIX C-I

ANALYSIS OF NORTH CAROLINA MEDICAL FEE SCHEDULE CHANGES EFFECTIVE OCTOBER 1, 2025 AND JANUARY 1, 2026

In this analysis, NCCI relies primarily on two data sources:

- Detailed medical data underlying the calculations in this analysis are based on NCCI's Medical Data Call for North Carolina for Service Year 2024. Reported medical experience for COVID-19 claims with accident dates between December 1, 2019 and June 30, 2023 as reported in NCCI Call 31 for Large Loss and Catastrophe have been excluded from the data on which this analysis is based.
- The share of benefit costs attributed to medical benefits is based on unlimited developed, on-leveled, and trended Financial Call data underlying the NCCI experience filing for North Carolina effective April 1, 2026.

SUMMARY OF IMPACTS

The impact from the fee schedule change in North Carolina, effective October 1, 2025, is summarized below.

Type of Service	(A) Impact on Type of Service	(B) Share of Medical Costs	(C) = (A) x (B) Impact on Medical Costs	(D) Medical Costs as a Share of Overall Costs	(E) = (C) x (D) Impact on Overall Costs
Hospital Inpatient	+2.7%	15.4%	+0.4%	44%	+0.2%

The impacts from the fee schedule changes in North Carolina, effective January 1, 2026, are summarized below.

Type of Service	(A) Impact on Type of Service	(B) Share of Medical Costs	(C) = (A) x (B) Impact on Medical Costs
Physician	+1.8%	36.7%	+0.7%
Hospital Outpatient	+1.9%	18.2%	+0.3%
ASC	+3.4%	6.1%	+0.2%
Combined Impact on Medical Costs (D) = Total of (C)			+1.2%
Medical Costs as a Share of Overall Costs (E)			44%
Combined Impact on Overall Costs (F) = (D) x (E)			+0.5%

Refer to the appendix for the weighted-average changes in maximum allowable reimbursements (MARs) by physician practice category, the share of costs subject to the fee schedule by type of service, and the weighted-average change in MAR by type of service.

NORTH CAROLINA

APPENDIX C-I

ANALYSIS OF NORTH CAROLINA MEDICAL FEE SCHEDULE CHANGES EFFECTIVE OCTOBER 1, 2025 AND JANUARY 1, 2026

The impact on medical costs from the fee schedule changes effective October 1, 2025 and January 1, 2026 are combined to determine the Factor to Reflect Proposed Changes in Medical Benefits (Exhibit I):

Date of Change	Impact on Medical Costs
October 1, 2025	+0.4%
January 1, 2026	+1.2%
Combined Impact	+1.6%

NON-QUANTIFIED CHANGES

- Maximum reimbursement for dental services, durable medical equipment, supplies, orthotics and prostheses, and ambulance services are also governed by the fee schedule in North Carolina. The share of these payments with a MAR makes up a minor portion of medical costs. Therefore, the impact on overall costs due to updating the fee schedule for these services is not anticipated to be material. As such, any potential impact from this change will be realized in future claim experience.

NORTH CAROLINA

APPENDIX C-I

ANALYSIS OF NORTH CAROLINA MEDICAL FEE SCHEDULE CHANGES EFFECTIVE OCTOBER 1, 2025 AND JANUARY 1, 2026

APPENDIX

Weighted-Average Percentage Change in MARs Prior to Price Realization by Physician Practice Category

Physician Practice Category	Share of Physician Costs	Percentage Change in MARs
Anesthesia	1.6%	+0.0%
Clinical Laboratory	0.5%	+0.1%
Emergency Medicine	1.5%	+0.3%
Evaluation & Management	21.8%	+7.4%
Major Surgery	13.1%	-4.6%
Neurology	0.7%	+7.2%
Pain Management	1.4%	+7.2%
Physical Medicine	34.9%	+1.8%
Radiology	8.6%	+3.7%
Other Professional Services	3.1%	+6.3%
Subject to the Fee Schedule	87.2%	+2.6%
Payments with no specific MAR	12.8%	—
Total	100.0%	+2.3%

Share of Costs Subject to the Fee Schedule (FS) and Weighted-Average Percentage Change in MARs by Type of Service

Type of Service	(A) Change in MARs for Costs Subject to the FS	(B) Share of Costs Subject to the FS	(C) = (A) x (B) Change in MARs by Type of Service	(D) = (C) x 80% Impact after Price Realization
Physician	+2.6%	87.2%	+2.3%	+1.8%
Hospital Inpatient	+5.0%	68.6%	+3.4%	+2.7%
Hospital Outpatient	+2.7%	90.0%	+2.4%	+1.9%
ASC	+4.5%	96.1%	+4.3%	+3.4%

NORTH CAROLINA

APPENDIX D

Data Reporting Requirements - G.S. 58-36-15 (g) and (h)

Item (g)

- (1) A detailed list of the rates, loss costs, rules, and policy forms filed, accompanied by a list of those superseded; and
- (2) A detailed description, properly referenced, of all changes in policy forms, rules, prospective loss costs, and rates, including the effect of each change.

Response

See the summary page at the beginning of Exhibit RB-1 and Appendix E.

Item (h)

- (1) North Carolina earned premiums at the actual and current rate level; losses and loss adjustment expenses, each on paid and incurred bases without trending or other modification for the experience period, including the loss ratio anticipated at the time the rates were promulgated for the experience period;
- (2) Credibility factor development and application;
- (3) Loss development factor derivation and application on both paid and incurred bases and in both numbers and dollars of claims;
- (4) Trending factor development and application;
- (5) Changes in premium base resulting from rating exposure trends;
- (6) Limiting factor development and application;
- (7) Overhead expense development and application of commission and brokerage, other acquisition expenses, general expenses, taxes, licenses and fees;
- (8) Percent rate or prospective loss costs change;
- (9) Final proposed rates;
- (10) Investment earnings, consisting of investment income and realized plus unrealized capital gains, from loss, loss expense, and unearned premium reserves;
- (11) Identification of applicable statistical plans and programs and a certification of compliance with them;
- (12) Investment earnings on capital and surplus;
- (13) Level of capital and surplus needed to support premium writings without endangering the solvency of member companies; and
- (14) Such other information that may be required by any rule adopted by the Commissioner.

Response

To the extent that G. S. 58-36-15 (h) applies to workers' compensation insurance voluntary loss costs and residual market rate filings, the required information is included in the 11 NCAC 10.1111 responses.

NORTH CAROLINA**APPENDIX E****Loss Costs Comparison**

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
0005	1.077	0.937	-13.0%
0008	0.884	0.828	-6.3%
0016	1.509	1.430	-5.2%
0034	1.405	1.087	-22.6%
0035	1.011	0.945	-6.5%
0036	1.622	1.405	-13.4%
0037	1.407	1.291	-8.2%
0042	1.613	1.351	-16.2%
0050	2.192	1.834	-16.3%
0079	0.858	0.748	-12.8%
0083	1.660	1.510	-9.0%
0106	4.311	3.658	-15.1%
0113	1.385	1.165	-15.9%
0170	0.946	0.893	-5.6%
0251	1.841	1.624	-11.8%
0401	2.821	2.408	-14.6%
0771	0.170	0.148	-12.9%
0908	64.000	55.000	-14.1%
0913	165.000	157.000	-4.8%
0917	1.276	1.026	-19.6%
1005	2.616	2.209	-15.6%
1164	1.605	1.422	-11.4%
1165	1.256	1.073	-14.6%
1320	0.789	0.762	-3.4%
1322	3.856	3.541	-8.2%
1430	1.966	1.550	-21.2%
1438	1.331	1.178	-11.5%
1452	0.745	0.602	-19.2%
1463	3.012	2.771	-8.0%
1472	1.169	1.041	-10.9%
1624	1.115	1.010	-9.4%
1642	1.245	1.173	-5.8%
1654	2.800	2.342	-16.4%
1699	1.191	1.202	0.9%
1701	1.047	1.008	-3.7%
1710	1.963	1.892	-3.6%
1747	1.123	0.973	-13.4%
1748	1.631	1.397	-14.3%
1803	2.130	1.724	-19.1%
1924	1.211	1.128	-6.9%
1925	1.389	1.191	-14.3%
2002	1.535	1.336	-13.0%
2003	1.361	1.259	-7.5%
2014	1.899	1.639	-13.7%

NORTH CAROLINA**APPENDIX E****Loss Costs Comparison**

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
2016	1.113	0.970	-12.8%
2021	1.188	0.996	-16.2%
2039	1.150	1.146	-0.3%
2041	0.974	0.900	-7.6%
2065	0.815	0.727	-10.8%
2070	2.159	2.088	-3.3%
2081	1.337	1.094	-18.2%
2089	0.942	0.803	-14.8%
2095	1.070	0.912	-14.8%
2105	1.547	1.370	-11.4%
2110	1.371	1.172	-14.5%
2111	0.806	0.756	-6.2%
2112	1.702	1.439	-15.5%
2114	0.813	0.765	-5.9%
2121	0.570	0.505	-11.4%
2130	0.837	0.761	-9.1%
2131	0.651	0.682	4.8%
2143	0.959	0.807	-15.8%
2157	1.576	1.484	-5.8%
2172	0.774	0.713	-7.9%
2174	1.335	1.186	-11.2%
2211	2.860	2.717	-5.0%
2220	1.088	0.992	-8.8%
2288	1.777	1.571	-11.6%
2302	0.803	0.667	-16.9%
2305	1.088	0.979	-10.0%
2361	0.810	0.745	-8.0%
2362	1.096	0.986	-10.0%
2380	0.905	0.860	-5.0%
2388	0.492	0.444	-9.8%
2402	0.869	0.777	-10.6%
2413	0.924	0.823	-10.9%
2416	1.040	0.974	-6.3%
2417	0.597	0.505	-15.4%
2501	0.912	0.785	-13.9%
2503	0.454	0.391	-13.9%
2570	1.447	1.293	-10.6%
2585	1.223	1.126	-7.9%
2586	1.667	1.495	-10.3%
2587	1.271	1.334	5.0%
2589	0.779	0.745	-4.4%
2600	1.651	1.407	-14.8%
2623	2.034	1.760	-13.5%
2651	0.552	0.521	-5.6%

NORTH CAROLINA**APPENDIX E****Loss Costs Comparison**

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
2660	0.820	0.659	-19.6%
2688	0.818	0.715	-12.6%
2702	8.105	7.100	-12.4%
2705	22.254	19.598	-11.9%
2709	2.821	2.402	-14.9%
2710	2.266	1.824	-19.5%
2714	1.726	1.555	-9.9%
2727	4.038	3.681	-8.8%
2731	1.761	1.616	-8.2%
2735	1.845	1.703	-7.7%
2759	2.160	1.985	-8.1%
2790	0.730	0.675	-7.5%
2797	1.562	1.394	-10.8%
2799	3.055	2.498	-18.2%
2802	1.596	1.336	-16.3%
2835	0.911	0.824	-9.5%
2836	1.011	0.904	-10.6%
2841	1.269	1.146	-9.7%
2881	1.066	0.967	-9.3%
2883	1.295	1.115	-13.9%
2915	1.145	1.044	-8.8%
2916	1.290	1.148	-11.0%
2923	0.624	0.534	-14.4%
2960	1.761	1.600	-9.1%
3004	0.635	0.509	-19.8%
3018	1.211	0.989	-18.3%
3022	1.560	1.295	-17.0%
3027	0.890	0.781	-12.2%
3028	1.264	1.133	-10.4%
3030	1.669	1.393	-16.5%
3040	1.571	1.393	-11.3%
3041	1.357	1.213	-10.6%
3042	1.054	0.841	-20.2%
3064	1.218	1.070	-12.2%
3076	0.941	0.834	-11.4%
3081	1.349	1.186	-12.1%
3082	1.597	1.407	-11.9%
3085	1.957	1.785	-8.8%
3110	1.260	1.175	-6.7%
3111	1.036	0.889	-14.2%
3113	0.674	0.591	-12.3%
3114	0.920	0.799	-13.2%
3118	0.696	0.628	-9.8%
3119	0.268	0.250	-6.7%

NORTH CAROLINA**APPENDIX E****Loss Costs Comparison**

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
3122	0.860	0.697	-19.0%
3126	0.673	0.651	-3.3%
3131	0.587	0.580	-1.2%
3132	0.822	0.779	-5.2%
3145	0.702	0.642	-8.5%
3146	0.733	0.654	-10.8%
3169	0.910	0.869	-4.5%
3179	0.673	0.589	-12.5%
3180	0.765	0.661	-13.6%
3188	0.575	0.523	-9.0%
3220	0.730	0.592	-18.9%
3224	1.230	1.057	-14.1%
3227	1.405	1.267	-9.8%
3241	1.293	1.114	-13.8%
3255	0.949	0.837	-11.8%
3257	1.217	1.058	-13.1%
3270	0.791	0.657	-16.9%
3300	1.525	1.292	-15.3%
3303	1.049	0.950	-9.4%
3307	0.954	0.904	-5.2%
3315	1.239	1.117	-9.8%
3334	1.604	1.389	-13.4%
3336	0.912	0.727	-20.3%
3365	2.388	2.031	-14.9%
3372	1.086	0.996	-8.3%
3373	1.559	1.585	1.7%
3383	0.558	0.510	-8.6%
3385	0.425	0.374	-12.0%
3400	1.144	1.050	-8.2%
3507	0.828	0.781	-5.7%
3515	0.631	0.590	-6.5%
3548	0.583	0.529	-9.3%
3559	0.725	0.651	-10.2%
3574	0.363	0.332	-8.5%
3581	0.394	0.342	-13.2%
3612	0.640	0.633	-1.1%
3620	1.089	1.007	-7.5%
3629	0.545	0.506	-7.2%
3632	0.798	0.731	-8.4%
3634	0.609	0.605	-0.7%
3635	0.558	0.569	2.0%
3638	0.710	0.676	-4.8%
3642	0.552	0.439	-20.5%
3643	0.659	0.602	-8.6%

NORTH CAROLINA**APPENDIX E****Loss Costs Comparison**

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
3647	1.014	0.875	-13.7%
3648	0.437	0.435	-0.5%
3681	0.263	0.218	-17.1%
3685	0.363	0.323	-11.0%
3719	0.461	0.456	-1.1%
3724	1.605	1.366	-14.9%
3726	1.356	1.107	-18.4%
3803	1.059	1.051	-0.8%
3807	0.662	0.672	1.5%
3808	2.930	2.703	-7.7%
3821	2.146	1.996	-7.0%
3822	1.772	1.618	-8.7%
3824	1.400	1.303	-6.9%
3826	0.298	0.305	2.3%
3827	0.829	0.878	5.9%
3830	0.587	0.500	-14.8%
3851	0.678	0.616	-9.1%
3865	1.026	0.922	-10.1%
3881	1.365	1.229	-10.0%
4000	2.171	1.808	-16.7%
4021	1.378	1.379	0.1%
4024	1.326	1.415	6.7%
4034	2.740	2.359	-13.9%
4036	0.832	0.729	-12.4%
4038	0.955	0.855	-10.5%
4062	0.871	0.705	-19.1%
4101	1.165	1.078	-7.5%
4109	0.215	0.194	-9.8%
4110	0.281	0.241	-14.2%
4111	0.972	0.883	-9.2%
4114	1.081	0.949	-12.2%
4130	1.375	1.220	-11.3%
4131	3.174	2.772	-12.7%
4133	0.996	0.855	-14.2%
4149	0.308	0.305	-1.0%
4206	0.901	0.894	-0.8%
4207	0.873	0.842	-3.6%
4239	1.121	1.007	-10.2%
4240	0.934	0.784	-16.1%
4243	0.762	0.710	-6.8%
4244	0.967	0.854	-11.7%
4250	0.772	0.706	-8.5%
4251	1.073	0.905	-15.7%
4263	1.410	1.208	-14.3%

NORTH CAROLINA**APPENDIX E****Loss Costs Comparison**

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
4273	0.974	0.915	-6.1%
4279	1.252	1.151	-8.1%
4283	0.755	0.672	-11.0%
4299	0.696	0.592	-14.9%
4304	1.702	1.404	-17.5%
4307	0.609	0.517	-15.1%
4351	0.561	0.466	-16.9%
4352	0.514	0.467	-9.1%
4361	0.325	0.274	-15.7%
4410	1.071	0.957	-10.6%
4420	1.406	1.223	-13.0%
4431	0.515	0.592	15.0%
4432	0.589	0.558	-5.3%
4452	0.964	0.842	-12.7%
4459	1.092	1.047	-4.1%
4470	0.968	0.884	-8.7%
4484	0.978	0.803	-17.9%
4493	0.769	0.672	-12.6%
4511	0.161	0.153	-5.0%
4557	0.979	0.925	-5.5%
4558	0.818	0.731	-10.6%
4568	1.008	0.897	-11.0%
4581	0.304	0.284	-6.6%
4583	1.837	1.438	-21.7%
4611	0.373	0.338	-9.4%
4635	1.223	1.157	-5.4%
4653	1.063	1.004	-5.6%
4665	3.428	3.115	-9.1%
4683	1.548	1.526	-1.4%
4686	0.811	0.733	-9.6%
4692	0.263	0.220	-16.3%
4693	0.378	0.377	-0.3%
4703	0.701	0.665	-5.1%
4717	0.820	0.724	-11.7%
4720	0.823	0.795	-3.4%
4740	0.510	0.540	5.9%
4741	1.059	0.978	-7.6%
4751	1.783	1.544	-13.4%
4771	0.966	0.836	-13.5%
4777	1.360	1.385	1.8%
4825	0.364	0.306	-15.9%
4828	0.736	0.649	-11.8%
4829	0.491	0.447	-9.0%
4902	0.776	0.724	-6.7%

NORTH CAROLINA**APPENDIX E****Loss Costs Comparison**

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
4923	0.466	0.443	-4.9%
5020	2.089	1.945	-6.9%
5022	3.002	2.569	-14.4%
5037	3.194	2.624	-17.8%
5040	2.940	2.835	-3.6%
5057	1.662	1.429	-14.0%
5059	5.262	4.297	-18.3%
5102	2.318	2.028	-12.5%
5146	1.887	1.703	-9.8%
5160	1.003	0.821	-18.1%
5183	1.302	1.174	-9.8%
5188	1.713	1.624	-5.2%
5190	1.335	1.185	-11.2%
5191	0.366	0.353	-3.6%
5192	1.218	1.211	-0.6%
5213	2.305	1.823	-20.9%
5215	1.790	1.669	-6.8%
5221	1.542	1.350	-12.5%
5222	2.744	2.489	-9.3%
5223	1.546	1.263	-18.3%
5348	1.526	1.364	-10.6%
5402	2.645	2.229	-15.7%
5403	2.125	1.716	-19.2%
5437	2.059	1.856	-9.9%
5443	1.580	1.357	-14.1%
5445	3.744	3.075	-17.9%
5462	2.327	2.066	-11.2%
5472	2.619	2.319	-11.5%
5473	4.196	3.716	-11.4%
5474	2.780	2.598	-6.5%
5478	1.252	0.970	-22.5%
5479	2.313	2.144	-7.3%
5480	2.361	1.985	-15.9%
5491	1.027	0.888	-13.5%
5506	1.883	1.649	-12.4%
5507	1.781	1.596	-10.4%
5535	3.231	2.876	-11.0%
5537	1.563	1.345	-13.9%
5551	6.836	6.337	-7.3%
5606	0.377	0.338	-10.3%
5610	1.938	1.792	-7.5%
5645	6.132	5.590	-8.8%
5703	6.036	5.317	-11.9%
5705	6.961	5.784	-16.9%

NORTH CAROLINA**APPENDIX E****Loss Costs Comparison**

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
5951	0.201	0.208	3.5%
6003	2.412	2.271	-5.8%
6005	2.253	1.923	-14.6%
6018	1.316	1.094	-16.9%
6045	1.779	1.521	-14.5%
6204	2.518	2.261	-10.2%
6206	1.231	1.127	-8.4%
6213	0.870	0.870	0.0%
6214	0.608	0.506	-16.8%
6216	3.305	2.984	-9.7%
6217	1.870	1.692	-9.5%
6229	1.443	1.158	-19.8%
6233	0.774	0.713	-7.9%
6235	2.272	1.999	-12.0%
6236	2.166	1.874	-13.5%
6237	0.687	0.621	-9.6%
6251	2.167	2.059	-5.0%
6252	1.381	1.200	-13.1%
6306	1.787	1.608	-10.0%
6319	1.285	1.223	-4.8%
6325	1.539	1.267	-17.7%
6400	1.568	1.312	-16.3%
6503	0.905	0.802	-11.4%
6504	1.235	1.213	-1.8%
6702	1.855	1.635	-11.9%
6703	2.927	2.549	-12.9%
6704	2.061	1.817	-11.8%
6801	2.734	2.432	-11.0%
6811	1.732	1.445	-16.6%
6824	2.955	2.538	-14.1%
6826	1.590	1.828	15.0%
6834	1.051	0.987	-6.1%
6836	1.097	0.930	-15.2%
6843	3.409	2.960	-13.2%
6845	3.248	2.799	-13.8%
6854	2.138	1.832	-14.3%
6872	3.650	3.103	-15.0%
6874	6.137	5.217	-15.0%
6882	1.187	1.029	-13.3%
6884	1.328	1.125	-15.3%
7016	1.802	1.508	-16.3%
7024	2.002	1.676	-16.3%
7038	2.988	2.687	-10.1%
7046	2.561	2.269	-11.4%

NORTH CAROLINA**APPENDIX E****Loss Costs Comparison**

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
7047	2.843	2.351	-17.3%
7050	4.714	4.188	-11.2%
7090	3.320	2.985	-10.1%
7098	2.845	2.521	-11.4%
7099	4.040	3.537	-12.5%
7133	1.246	1.214	-2.6%
7151	1.514	1.475	-2.6%
7152	2.389	2.299	-3.8%
7153	1.682	1.639	-2.6%
7219	3.931	3.403	-13.4%
7222	3.429	3.128	-8.8%
7225	3.441	3.010	-12.5%
7230	3.651	3.376	-7.5%
7231	3.619	3.130	-13.5%
7232	4.545	3.829	-15.8%
7309	3.650	3.103	-15.0%
7313	1.608	1.849	15.0%
7317	2.967	2.522	-15.0%
7327	6.367	5.412	-15.0%
7333	1.154	1.014	-12.1%
7335	1.282	1.127	-12.1%
7337	1.820	1.581	-13.1%
7350	3.978	3.382	-15.0%
7360	2.100	1.784	-15.0%
7370	2.277	2.071	-9.0%
7380	2.404	2.264	-5.8%
7382	2.682	2.243	-16.4%
7390	1.852	1.726	-6.8%
7394	2.579	2.677	3.8%
7395	2.865	2.974	3.8%
7398	4.068	4.173	2.6%
7402	0.053	0.047	-11.3%
7403	1.871	1.927	3.0%
7405	0.636	0.569	-10.5%
7420	3.651	3.279	-10.2%
7421	0.271	0.231	-14.8%
7422	0.428	0.459	7.2%
7425	1.095	1.083	-1.1%
7431	0.408	0.333	-18.4%
7445	0.212	0.190	-10.4%
7453	0.136	0.111	-18.4%
7502	0.998	0.898	-10.0%
7515	0.461	0.401	-13.0%
7520	1.034	0.907	-12.3%

NORTH CAROLINA**APPENDIX E****Loss Costs Comparison**

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
7529	4.480	3.952	-11.8%
7538	1.108	1.040	-6.1%
7539	0.658	0.552	-16.1%
7540	1.584	1.452	-8.3%
7580	1.159	0.984	-15.1%
7590	1.495	1.470	-1.7%
7600	2.143	1.722	-19.6%
7605	1.105	0.949	-14.1%
7610	0.272	0.251	-7.7%
7705	2.321	2.143	-7.7%
7710	1.932	1.840	-4.8%
7711	1.932	1.840	-4.8%
7720	1.330	1.254	-5.7%
7723	0.875	0.777	-11.2%
7855	1.527	1.346	-11.9%
8001	0.848	0.816	-3.8%
8002	0.790	0.712	-9.9%
8006	0.821	0.674	-17.9%
8008	0.432	0.419	-3.0%
8010	0.658	0.597	-9.3%
8013	0.116	0.109	-6.0%
8015	0.341	0.320	-6.2%
8017	0.580	0.525	-9.5%
8018	1.429	1.305	-8.7%
8021	0.920	0.825	-10.3%
8031	0.679	0.589	-13.3%
8032	0.761	0.738	-3.0%
8033	0.734	0.665	-9.4%
8037	0.629	0.600	-4.6%
8039	0.811	0.729	-10.1%
8044	0.969	0.873	-9.9%
8045	0.321	0.287	-10.6%
8046	0.924	0.846	-8.4%
8047	0.373	0.346	-7.2%
8058	0.903	0.819	-9.3%
8072	0.296	0.244	-17.6%
8102	0.809	0.711	-12.1%
8103	0.963	0.842	-12.6%
8106	1.470	1.313	-10.7%
8107	1.119	1.003	-10.4%
8111	0.817	0.713	-12.7%
8116	0.807	0.763	-5.5%
8203	2.560	2.184	-14.7%
8204	1.598	1.399	-12.5%

NORTH CAROLINA**APPENDIX E****Loss Costs Comparison**

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
8209	1.414	1.302	-7.9%
8215	1.282	1.205	-6.0%
8227	1.495	1.311	-12.3%
8232	2.155	1.898	-11.9%
8233	1.537	1.402	-8.8%
8235	1.578	1.431	-9.3%
8236	2.072	2.010	-3.0%
8263	2.181	2.030	-6.9%
8264	1.782	1.651	-7.4%
8265	2.092	1.849	-11.6%
8279	2.442	2.110	-13.6%
8288	2.470	2.110	-14.6%
8291	1.492	1.369	-8.2%
8292	1.340	1.144	-14.6%
8293	2.861	2.390	-16.5%
8304	2.050	1.828	-10.8%
8350	2.858	2.676	-6.4%
8380	0.750	0.689	-8.1%
8381	0.716	0.682	-4.7%
8385	1.046	0.961	-8.1%
8392	0.756	0.758	0.3%
8393	0.680	0.594	-12.6%
8500	2.220	1.704	-23.2%
8601	0.121	0.108	-10.7%
8602	0.563	0.555	-1.4%
8603	0.033	0.032	-3.0%
8606	0.485	0.383	-21.0%
8709	1.607	1.760	9.5%
8719	0.673	0.589	-12.5%
8720	0.393	0.333	-15.3%
8721	0.097	0.075	-22.7%
8723	0.036	0.027	-25.0%
8725	0.820	0.831	1.3%
8726	0.850	0.977	14.9%
8734	0.136	0.111	-18.4%
8737	0.123	0.100	-18.7%
8738	0.194	0.155	-20.1%
8742	0.101	0.082	-18.8%
8745	1.725	1.522	-11.8%
8748	0.178	0.143	-19.7%
8755	0.120	0.104	-13.3%
8799	0.220	0.193	-12.3%
8800	0.800	0.751	-6.1%
8803	0.016	0.014	-12.5%

NORTH CAROLINA**APPENDIX E****Loss Costs Comparison**

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
8805	0.059	0.054	-8.5%
8810	0.044	0.040	-9.1%
8814	0.053	0.049	-7.5%
8815	0.084	0.076	-9.5%
8820	0.042	0.035	-16.7%
8824	0.924	0.778	-15.8%
8826	0.833	0.794	-4.7%
8831	0.503	0.453	-9.9%
8832	0.125	0.113	-9.6%
8833	0.400	0.344	-14.0%
8835	0.794	0.718	-9.6%
8842	0.802	0.740	-7.7%
8855	0.032	0.027	-15.6%
8856	0.221	0.184	-16.7%
8864	0.362	0.349	-3.6%
8868	0.198	0.187	-5.6%
8869	0.445	0.406	-8.8%
8871	0.017	0.011	-35.3%
8901	0.079	0.064	-19.0%
9012	0.368	0.333	-9.5%
9014	1.042	0.858	-17.7%
9015	1.123	1.074	-4.4%
9016	0.767	0.701	-8.6%
9019	1.426	1.258	-11.8%
9033	0.778	0.676	-13.1%
9040	1.052	0.926	-12.0%
9044	0.514	0.458	-10.9%
9052	0.574	0.560	-2.4%
9058	0.530	0.496	-6.4%
9060	0.535	0.498	-6.9%
9061	0.435	0.381	-12.4%
9062	0.476	0.418	-12.2%
9063	0.260	0.243	-6.5%
9077	2.734	2.437	-10.9%
9082	0.428	0.399	-6.8%
9083	0.487	0.444	-8.8%
9084	0.476	0.435	-8.6%
9089	0.362	0.329	-9.1%
9093	0.455	0.433	-4.8%
9101	1.063	1.073	0.9%
9102	1.091	0.996	-8.7%
9154	0.657	0.622	-5.3%
9156	0.847	0.806	-4.8%
9170	3.838	3.202	-16.6%

NORTH CAROLINA

APPENDIX E

Loss Costs Comparison

<u>Class Code</u>	<u>Current 04/01/26</u>	<u>Proposed 04/01/27</u>	<u>Percent Change</u>
9178	2.491	2.266	-9.0%
9179	7.782	7.013	-9.9%
9180	1.623	1.394	-14.1%
9182	0.864	0.786	-9.0%
9186	3.050	2.724	-10.7%
9220	1.777	1.528	-14.0%
9402	2.256	2.085	-7.6%
9403	3.402	3.076	-9.6%
9410	0.962	0.826	-14.1%
9501	1.170	1.054	-9.9%
9505	1.356	1.156	-14.7%
9516	0.960	0.916	-4.6%
9519	1.873	1.826	-2.5%
9521	1.178	1.002	-14.9%
9522	0.809	0.750	-7.3%
9534	2.120	1.934	-8.8%
9554	3.239	3.031	-6.4%
9586	0.164	0.151	-7.9%
9600	0.831	0.719	-13.5%
9620	0.652	0.605	-7.2%

NORTH CAROLINA – LOSS COSTS

TABLE OF CONTENTS

Supplemental Material

North Carolina G.S. 58-36-15(h) specifies that the following information must be included in all policy form, rule and rate filings filed under Article 36. 11 NCAC 10.1111 specifies that additional detail be provided under each of these items.

Item

- 1 North Carolina losses and loss adjustment expenses
- 2 Credibility factor development and application
- 3 Loss development factor development and application
- 4 Trending factor development and application
- 5 Changes in premium base and exposures
- 6 Limiting factor development and application
- 7 Percent rate or loss cost change
- 8 Underwriting profit and contingencies and investment income
- 9 Investment earnings on capital and surplus
- 10 Additional supplemental information per 11 NCAC 10.1111

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 1 North Carolina losses and loss adjustment expenses, each on paid and incurred bases without trending or other modification for the experience period.
- 1(a) The filer shall include loss and loss adjustment expense data from all companies writing North Carolina workers compensation insurance. In addition, if exposures are used in the calculation of premiums at present rates, the filer shall provide all available exposure data from these companies. If the experience of any company that writes more than one percent of the North Carolina workers compensation written premium has been excluded from any trend or loss development calculations, the filer shall identify the company and its market share and provide an explanation for its exclusion. The filer shall also estimate the aggregate market share of other companies whose experience is excluded from such calculations.

Response

See Exhibit RB-1, Exhibit II for loss and loss adjustment expense data.

See Exhibit RB-1, Appendix A-IV for a list of the companies excluded from the loss cost level and trend calculations. Loss development calculations include only data for matching companies for specific valuations (See Exhibit RB-1, Appendix A-II). Aside from the carriers listed in Appendix A-IV, the aggregate market share of the carriers excluded from any of the individual year loss development link ratio calculations is less than five percent.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 1(b) If any identifiable group of policies is excluded from the calculation of classification differentials, the filer shall describe those policies, indicate their market share, and provide an explanation for their exclusion.

Response

This request refers to policies excluded from the calculation of "classification differentials." The response has been prepared under the assumption that the interest is in policies excluded from the calculation of the industry group differentials. The Rate Bureau is advised by the National Council on Compensation Insurance as follows:

Industry group differentials distribute the overall pure premium level change among the five industry groups: manufacturing, contracting, office & clerical, goods & services, and miscellaneous. The losses and premium used to derive the industry group differentials are, hence, based on losses and premium from class codes in the five industry groups (See Exhibit RB-1, Appendix A-V). A description of the class codes excluded from this calculation is listed below along with an explanation of their exclusion.

Discontinued class codes - Because loss costs are no longer calculated for these class codes, if data is not reassigned to another class code, the loss and premium experience is not included in the industry group differential calculation.

Non-ratable codes - Because of the current ratemaking procedures for these codes, their experience does not directly influence the loss cost calculation. It, therefore, is not considered when determining other class codes' loss costs through the industry group differentials. Loss costs for non-ratable codes are a certain percentage of their respective ratable portions.

Federal classifications - Loss costs for the federal classes (F-classes) are calculated separately from non F-class loss costs. F-class experience is not allowed to influence the industry group differentials that are used to derive non F-class loss costs.

Maritime codes - The ratemaking procedure for maritime codes varies by class code. Item B-1101 established the combination of rates for several industrial class codes with several F-classifications. Similar to F-classes, we do not allow maritime experience to influence the industry group differentials that are used to derive non-maritime loss costs.

Statistical classifications - The experience reported under statistical classes is not directly associated with a certain code or industry group. For this reason, it is not included in the industry group differential calculation. Examples of experience in this classification category are expense constant premium and the additional premium charged for increased liability limits.

Concerning their percentage of the market share, the excluded data mentioned above normally represents less than 1% of the payroll for the five policy periods combined.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 1(c) The filer shall clearly describe all adjustments to losses, loss adjustment expenses, expenses as defined in G.S. 58-36-100(c), and exposures included in the filing.

Response

See Exhibits RB-1, RB-3, RB-4, and the attached Exhibit 1(c).

North Carolina Policy Year Premium On-level Factors

Section A - Historical Premium Level and Expense Constant Changes

Voluntary Market			Assigned Risk Market		
<u>Date</u>	Pure Premium Level <u>Change</u>	Expense Constant	<u>Date</u>	Premium Level <u>Change</u>	Expense Constant
4/1/17	0.856	n/a	4/1/17	0.917	\$160
4/1/18	0.887	n/a	4/1/18	0.875	\$160
4/1/19	0.841	n/a	4/1/19	0.828	\$160
4/1/20	0.897	n/a	4/1/20	0.924	\$160
4/1/21	0.961	n/a	4/1/21	0.958	\$160
4/1/22	0.947	n/a	4/1/22	1.020	\$160
4/1/23	0.952	n/a	4/1/23	0.992	\$160
4/1/24	0.902	n/a	4/1/24	0.842	\$160
4/1/25	0.948	n/a	4/1/25	0.953	\$160
4/1/26	0.922	n/a	4/1/26	0.924	\$160

Section B - Factors adjusting assigned risk and voluntary premium to present pure premium level

	Policy Year <u>2024</u>	Policy Year <u>2023</u>	Policy Year <u>2022</u>	Policy Year <u>2021</u>	Policy Year <u>2020</u>	Policy Year <u>2019</u>	Policy Year <u>2018</u>	Policy Year <u>2017</u>
(1) Assigned Risk Market Share	0.079	0.080	0.082	0.082	0.085	0.085	0.086	0.080
(2) Voluntary Market Share	0.921	0.920	0.918	0.918	0.915	0.915	0.914	0.920
(3) Assigned Risk Standard Prem. Adj. Factor	0.653	0.579	0.576	0.574	0.542	0.484	0.413	0.365
(4) Voluntary Standard Prem. Adj. Factor	0.845	0.777	0.739	0.701	0.660	0.578	0.496	0.434
(5) Current Premium Index A/R to Voluntary	2.520	2.520	2.520	2.520	2.520	2.520	2.520	2.520
(6) Final Premium Adjustment Factor = [((1)x(3))/(5) + (2)x(4)]	0.799	0.733	0.697	0.663	0.622	0.545	0.467	0.411

North Carolina Policy Year Loss On-level Factors

Section C - Historical Benefit Level Changes

Indemnity		Medical	
<u>Date</u>	<u>Benefit Level Change</u>	<u>Date</u>	<u>Benefit Level Change</u>
1/1/17	1.000	1/1/17	0.998
10/1/17	1.000	10/1/17	1.001
1/1/18	1.000	1/1/18	1.009
10/1/18	1.000	10/1/18	1.003
1/1/19	1.000	1/1/19	1.007
10/1/19	1.000	10/1/19	1.003
1/1/20	1.000	1/1/20	1.008
10/1/20	1.000	10/1/20	1.002
1/1/21	1.000	1/1/21	1.013
10/1/21	1.000	10/1/21	1.002
1/1/22	1.000	1/1/22	1.003
10/1/22	1.000	10/1/22	1.002
1/1/23	1.000	1/1/23	1.004
10/1/23	1.000	10/1/23	1.002
1/1/24	1.000	1/1/24	0.997
3/9/24	1.000	3/9/24	1.005
10/1/24	1.000	10/1/24	1.002
1/1/25	1.000	1/1/25	1.004

Section D - Factors adjusting policy year indemnity and medical losses to present benefit level

	<u>Policy Year 2024</u>	<u>Policy Year 2023</u>	<u>Policy Year 2022</u>	<u>Policy Year 2021</u>	<u>Policy Year 2020</u>	<u>Policy Year 2019</u>	<u>Policy Year 2018</u>	<u>Policy Year 2017</u>
(1) Indemnity Loss On-level Factor	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
(2) Medical Loss On-level Factor	1.003	1.009	1.014	1.019	1.030	1.042	1.052	1.063

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 1(d) The filer shall provide the latest available written and earned premiums and market shares for the ten largest writers of North Carolina workers compensation insurance.

Response

See attached Exhibit 1(d).

Ten Largest Writers of Workers Compensation Insurance in North Carolina

	<u>Written Premium</u>	<u>Earned Premium</u>	<u>Written Premium Market Share</u>
Hartford Fire & Cas Grp	113,326	113,074	7.5%
Travelers Grp	111,485	113,295	7.4%
Builders Grp	94,218	95,504	6.3%
BCBS of MI Grp	92,969	95,045	6.2%
Liberty Mut Grp	74,942	74,991	5.0%
American Financial Grp	62,777	62,425	4.2%
Zurich Ins Grp	60,977	60,826	4.1%
Amtrust Financial Serv Grp	58,009	56,165	3.9%
Berkshire Hathaway Grp	55,356	55,973	3.7%
Chubb Ltd Grp	54,639	53,285	3.6%

Note: The premium figures are based on calendar year 2025 Annual Statement data and shown in thousands of dollars.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

1(e) The filer shall provide the following information on losses and loss adjustment expenses:

- (i) For each of the latest three available accident and calendar years, undeveloped and untrended losses and loss adjustment expenses;
- (ii) For each accident year and policy year included in the filing, paid losses, case basis reserves, loss development, incurred allocated loss adjustment expenses (if collected separately from losses), incurred unallocated (or combined allocated and unallocated) loss adjustment expenses, applied trend factors, and trended incurred losses and loss adjustment expenses.

Response

- (i) See attached Exhibit 1(e), page 1*.
- (ii) See attached Exhibit 1(e), page 1 for paid losses and case basis reserves.

See RB-1, Appendix A-II for loss development.

See RB-1, Exhibit II and attached Exhibit 1(e), page 2 for loss adjustment expense data*.

See RB-1, Appendix A-III and Exhibit I for the applied trend factors and trended losses.

* The Rate Bureau is advised by NCCI that incurred losses and loss adjustment expense data on a policy year and accident year basis by state is not regularly collected. In North Carolina, NCCI collects such data through a special Financial Call. The results are attached as Exhibit 1(e), page 2. Note that this data has not been used in any loss cost level calculations.

Undeveloped and untrended losses and loss adjustment expenses

North Carolina

	Accident Year Direct Losses	Accident Year Direct LAE	Calendar Year Direct Losses	Calendar Year Direct LAE
<u>Year</u>	<u>Incurred</u>	<u>Incurred</u>	<u>Incurred</u>	<u>Incurred</u>
2023	+	+	709,616,664	154,725,104
2024	+	+	622,018,102	126,087,013
2025	+	+	608,293,247	151,655,208

Policy year paid losses and case basis reserves

North Carolina

	Indemnity	Indemnity	Medical	Medical
<u>Policy Year*</u>	<u>Paid Losses</u>	<u>Case Reserves</u>	<u>Paid Losses</u>	<u>Case Reserves</u>
2017	280,766,623	2,673,592	222,366,192	4,066,606
2018	301,161,983	6,425,408	249,483,010	12,640,258
2019	299,664,924	10,541,893	258,070,454	41,175,458
2020	294,395,055	11,428,187	250,582,888	26,939,205
2021	303,791,748	24,943,197	259,043,016	44,500,596
2022	302,128,011	40,991,135	255,898,216	37,715,377
2023	241,261,895	68,626,348	223,808,780	65,549,738
2024	129,007,958	101,558,189	153,967,772	105,543,379

* PY data is valued as of 12/31/2025.

+ AY incurred losses and LAE data by state is not collected in the Calendar-Accident Year Call for Experience.

North Carolina Loss Adjustment Expense Data *

Policy Year

Policy Year [^]	Defense & Cost Containment Expense		Adjusting & Other Expense		Total LAE	
	<u>Paid</u>	<u>Unpaid</u>	<u>Paid</u>	<u>Unpaid</u>	<u>Paid</u>	<u>Unpaid</u>
2020	56,838,385	6,347,263	48,238,899	5,945,539	105,077,284	12,292,802
2021	57,380,595	15,138,601	47,677,410	7,411,344	105,058,005	22,549,945
2022	60,973,925	23,742,998	47,684,680	10,829,641	108,658,605	34,572,639
2023	50,256,412	32,320,921	41,888,177	15,016,925	92,144,589	47,337,846
2024	32,161,464	52,629,848	30,940,457	28,079,482	63,101,921	80,709,330

Accident Year

Accident Year [^]	Defense & Cost Containment Expense		Adjusting & Other Expense		Total LAE	
	<u>Paid</u>	<u>Unpaid</u>	<u>Paid</u>	<u>Unpaid</u>	<u>Paid</u>	<u>Unpaid</u>
2020	55,230,145	28,308,327	52,639,363	12,135,913	107,869,508	40,444,240
2021	57,124,680	36,524,550	50,550,572	13,937,781	107,675,252	50,462,331
2022	60,103,456	43,267,029	48,606,537	15,377,724	108,709,993	58,644,753
2023	55,984,994	52,098,396	48,249,609	20,148,404	104,234,603	72,246,800
2024	43,951,143	66,627,184	39,177,206	27,588,268	83,128,349	94,215,452
2025	18,268,068	95,133,787	25,517,353	46,606,808	43,785,421	141,740,595

Calendar Year

Calendar Year	Defense & Cost Containment Expense		Adjusting & Other Expense		Total LAE	
	<u>Paid</u>	<u>Unpaid</u>	<u>Paid</u>	<u>Unpaid</u>	<u>Paid</u>	<u>Unpaid</u>
2020	63,734,023	268,616,518	52,492,265	118,364,299	116,226,288	386,980,817
2021	61,771,772	273,617,788	57,234,125	113,830,966	119,005,897	387,448,754
2022	61,946,739	289,786,836	65,704,767	110,594,937	127,651,506	400,381,773
2023	68,371,343	303,593,971	61,984,152	117,014,336	130,355,495	420,608,307
2024	71,719,913	293,797,294	62,093,134	119,651,960	133,813,047	413,449,254
2025	75,132,711	304,742,374	62,712,346	130,539,522	137,845,057	435,281,896

* Please see the response to Item 1(e).

[^] PY and AY data is valued as of 12/31/2025.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 2 Credibility factor development and application. The filer shall provide all information related to the derivation of all credibility factors contained in the filing, including the following:
- (a) A description of all data reviewed;
 - (b) A complete description of the methodology used to derive these factors;
 - (c) A description of alternative methodologies used in the last three years;
 - (d) A description of the criteria used to select a methodology;
 - (e) Specific details on the application of these criteria in the selection of a methodology for this filing;
 - (f) Details on the application of the methodology to this filing.

Response

Credibility is utilized in the filing with the Workers Compensation Statistical Plan data, as described in the attached Exhibit 2 (pages 1-3) and RB-1, Appendices A-V and B-I.

The following is a memorandum regarding credibility factor development and application. The NCRB has used credibility procedures in each of the previous three loss cost/rate filings as well as in this filing.

Industry Group Differentials:

NCCI employs five industry group classifications. In some states, the volume of data in the industry groups is relatively low, potentially allowing random fluctuations to influence the industry group differentials. A credibility-weighting procedure is used to minimize such random fluctuations.

The procedure implemented essentially weights the indicated industry group change with the statewide change depending on the indemnity claim count volume in each industry group. The full credibility standard (i.e., the number of compensable claims needed for full credibility) is 12,000 lost-time claims for each industry group. This full credibility standard was also used in each of the previous three loss cost/rate filings in North Carolina. Partial credibilities are calculated using the square root of the ratio of actual compensable cases to the applicable full credibility standard.

The determined full credibility standards and the partial credibility formula were a result of NCCI's examination of the inherent variability in each industry group. These standards were chosen to moderate the effect of random fluctuations in the industry group differentials.

Pure Premium Calculation:

The workers compensation classification ratemaking methodology relies on three estimates of the class pure premiums: the indicated pure premium (based on the latest available class experience for the state), the present-on-rate level pure premium (based on the prior pure premium update by the industry group change), and the national pure premium (based on class data nationally). The final (derived by formula) pure premium is a credibility-weighted combination of these three component pure premiums.

The credibility weights are based on the volume of information used to calculate the pure premiums. Expected losses are used to measure the volume of data for a class. Expected losses for a class are calculated by taking the pure premium underlying the current loss costs, adjusting it to the proposed level, and multiplying by payroll (in hundreds). This is done separately for indemnity and medical.

The volume of expected losses required for 100% credibility is as follows:

Indemnity	1,700 x indemnity average cost per case
Medical	800 x medical average cost per case

Note that the medical average cost per case is computed as total medical loss dollars (including medical-only) divided by the number of lost-time claims.

The credibility applied to the indicated pure premiums is calculated via the following state partial credibility formula:

$$\text{State Partial Credibility} = \left(\frac{\text{Expected Losses}}{\text{Full Credibility Standard}} \right)^{0.5}$$

For the pure premiums indicated by national relativity, credibility is determined by the number of actual cases. The full credibility standards, based on three years of data, are calculated as follows:

Indemnity	2,300 compensable cases
Medical	2,000 compensable cases

Partial credibilities are assigned using a credibility formula similar to that used for indicated pure premiums but based on the number of cases nationally for the class code. In no instance is the national credibility permitted to exceed 50% of the complement of the state credibility.

National Credibility = The smaller of

$$\left(\frac{\text{Cases Nationally}}{\text{Full Credibility Standard}} \right)^{0.5} \text{ and } \frac{(1 - \text{state credibiliy})}{2}$$

In the prior three filings as well as this filing, the residual credibility (100% minus the sum of the state and national credibilities) is assigned to the present on rate level pure premiums.

An empirical study was performed to determine what full credibility standards and what partial credibility formula should be used to limit the fluctuations in the formula pure premiums.

North Carolina

Credibility Criteria - Policy Periods 1/1/19 to 12/31/23

	(1)	(2)	(3)	(4)
Loss Group	Lost-Time Cases	Converted Indicated Losses*	Average Cost Per Case [(2) / (1)]	Index for Credibility
Indemnity	87,425	2,848,911,735	32,587	1,700
Medical	87,425	2,271,577,968	25,983	800
Total		5,120,489,704		

	(5)	(6)	(7)	(8)
Injury Group	Converted Expected Losses**	Adjustment of Indicateds to Expecteds (5) / (2)	Full Standard for State Credibility (Expected Losses) [(3)x(4)]xtot(6)	Full Standard for National Credibility (Lost-Time Cases)
Indemnity	2,370,483,461		46,312,644	2,300
Medical	1,912,142,742		17,377,430	2,000
Total	4,282,626,203	0.836		

State credibility exponent: 0.5

National credibility exponent: 0.5

Percentage of the complement of state credibility that the national credibility is limited to: 50%

* These expected unlimited losses are at ultimate, on-level, trended, and include the proposed experience and loss-based expense changes as well as any miscellaneous premium adjustments.

** These expected losses are payroll extended underlying pure premiums adjusted to include the proposed experience, trend, benefit and loss-based expense changes as well as any miscellaneous premium adjustments.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 3(a) The filer shall provide all information related to the derivation of all loss development factors contained in the filing, including the following:
- (i) A description of all data reviewed;
 - (ii) A complete description of the methodology used to derive these factors;
 - (iii) A description of alternative methodologies used in the last three years;
 - (iv) A description of the criteria used to select a methodology;
 - (v) Specific details on the application of these criteria in the selection of a methodology for this filing;
 - (vi) Details on the application of the methodology to this filing.

Response

- (i) See Exhibits RB-1, RB-3, and RB-4.
- (ii) See Exhibits RB-1, RB-3, and RB-4.
- (iii) The methodologies used in the previous three filings are similar to those used in the current filing except for any methodology changes described in the response to Item 10(c).
- (iv) See Exhibits RB-1, RB-3, and RB-4.
- (v) See Exhibits RB-1, RB-3, and RB-4.
- (vi) See Exhibits RB-1, RB-3, and RB-4.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 3(b) The filer shall provide at least the latest five available years of the aggregate loss data described in Sub-items (3)(b)(i) through (iii) of this Rule for matching companies for all pairs of successive evaluation dates. The filer shall also provide the corresponding loss development factors and five-year average factors derivable from the data.
- (i) Data on both a policy year and an accident year basis;
 - (ii) Data separated into indemnity and medical portions, as well as combined data;
 - (iii) Data separated into paid, case incurred and incurred but not reported* portions, as well as combined data.

Response

See attached Exhibit 3(b) for all requested data.

* The Rate Bureau is advised by NCCI that bulk and IBNR reserves are not collected on the ratemaking financial calls.

North Carolina - Paid

Policy Year Development Factors

Indemnity Losses									
PY	1st	2nd	Dev't	Medical Losses			Total Losses		
				1st	2nd	Dev't	1st	2nd	Dev't
2019	115,177,166	211,421,516	1.836	156,715,805	211,131,445	1.347	271,892,971	422,552,961	1.554
2020	115,534,092	210,907,295	1.825	169,449,556	217,627,658	1.284	284,983,648	428,534,953	1.504
2021	119,760,069	221,505,493	1.850	164,514,662	224,736,180	1.366	284,274,731	446,241,673	1.570
2022	132,175,268	246,537,969	1.865	175,118,378	235,467,190	1.345	307,293,646	482,005,159	1.569
2023	132,154,671	241,261,895	1.826	163,005,912	223,808,780	1.373	295,160,583	465,070,675	1.576
2-yr avg			1.846			1.359			1.573
3-yr avg			1.847			1.361			1.572
4-yr avg			1.842			1.342			1.555
5-yr avg			1.840			1.343			1.555
Indemnity Losses									
PY	2nd	3rd	Dev't	Medical Losses			Total Losses		
				2nd	3rd	Dev't	2nd	3rd	Dev't
2018	213,745,104	261,956,437	1.226	209,404,022	230,341,072	1.100	423,149,126	492,297,509	1.163
2019	211,421,516	262,482,288	1.242	211,131,445	232,535,866	1.101	422,552,961	495,018,154	1.171
2020	210,907,295	259,904,278	1.232	217,627,658	233,518,243	1.073	428,534,953	493,422,521	1.151
2021	221,505,493	276,018,586	1.246	224,736,180	245,279,417	1.091	446,241,673	521,298,003	1.168
2022	246,537,969	302,128,011	1.225	235,467,190	255,898,216	1.087	482,005,159	558,026,227	1.158
2-yr avg			1.236			1.089			1.163
3-yr avg			1.234			1.084			1.159
4-yr avg			1.236			1.088			1.162
5-yr avg			1.234			1.090			1.162
Indemnity Losses									
PY	3rd	4th	Dev't	Medical Losses			Total Losses		
				3rd	4th	Dev't	3rd	4th	Dev't
2017	243,253,792	260,570,595	1.071	204,000,620	211,560,017	1.037	447,254,412	472,130,612	1.056
2018	261,956,437	282,516,224	1.078	230,341,072	236,476,303	1.027	492,297,509	518,992,527	1.054
2019	262,482,288	286,626,248	1.092	232,535,866	244,858,819	1.053	495,018,154	531,485,067	1.074
2020	259,904,278	283,969,038	1.093	233,518,243	243,594,822	1.043	493,422,521	527,563,860	1.069
2021	276,018,586	303,791,748	1.101	245,279,417	259,043,016	1.056	521,298,003	562,834,764	1.080
2-yr avg			1.097			1.050			1.075
3-yr avg			1.095			1.051			1.074
4-yr avg			1.091			1.045			1.069
5-yr avg			1.087			1.043			1.067
Indemnity Losses									
PY	4th	5th	Dev't	Medical Losses			Total Losses		
				4th	5th	Dev't	4th	5th	Dev't
2016	253,283,939	261,993,044	1.034	211,956,871	214,623,648	1.013	465,240,810	476,616,692	1.024
2017	260,570,595	269,101,019	1.033	211,560,017	216,195,850	1.022	472,130,612	485,296,869	1.028
2018	282,516,224	292,917,117	1.037	236,476,303	244,478,899	1.034	518,992,527	537,396,016	1.035
2019	286,626,248	295,933,995	1.032	244,858,819	251,758,587	1.028	531,485,067	547,692,582	1.030
2020	283,969,038	294,395,055	1.037	243,594,822	250,582,888	1.029	527,563,860	544,977,943	1.033
2-yr avg			1.035			1.029			1.032
3-yr avg			1.035			1.030			1.033
4-yr avg			1.035			1.028			1.032
5-yr avg			1.035			1.025			1.030
Indemnity Losses									
PY	5th	6th	Dev't	Medical Losses			Total Losses		
				5th	6th	Dev't	5th	6th	Dev't
2015	266,883,690	272,368,430	1.021	229,842,639	233,824,319	1.017	496,726,329	506,192,749	1.019
2016	261,993,044	266,360,997	1.017	214,623,648	216,209,763	1.007	476,616,692	482,570,760	1.012
2017	269,101,019	274,207,587	1.019	216,195,850	218,488,525	1.011	485,296,869	492,696,112	1.015
2018	292,917,117	297,980,631	1.017	244,478,899	248,014,961	1.014	537,396,016	545,995,592	1.016
2019	295,933,995	299,664,924	1.013	251,758,587	258,070,454	1.025	547,692,582	557,735,378	1.018
2-yr avg			1.015			1.020			1.017
3-yr avg			1.016			1.017			1.016
4-yr avg			1.017			1.014			1.015
5-yr avg			1.017			1.015			1.016
Indemnity Losses									
PY	6th	7th	Dev't	Medical Losses			Total Losses		
				6th	7th	Dev't	6th	7th	Dev't
2014	281,126,945	284,570,293	1.012	243,989,215	245,495,893	1.006	525,116,160	530,066,186	1.009
2015	272,368,430	275,095,586	1.010	233,824,160	234,915,926	1.005	506,192,590	510,011,512	1.008
2016	266,360,997	269,428,706	1.012	216,209,763	218,208,124	1.009	482,570,760	487,636,830	1.010
2017	274,207,587	278,293,555	1.015	218,488,525	221,142,960	1.012	492,696,112	499,436,515	1.014
2018	297,980,631	301,161,983	1.011	248,014,961	249,483,010	1.006	545,995,592	550,644,993	1.009
2-yr avg			1.013			1.009			1.012
3-yr avg			1.013			1.009			1.011
4-yr avg			1.012			1.008			1.010
5-yr avg			1.012			1.008			1.010

North Carolina - Paid

Policy Year Development Factors, Continued

Indemnity Losses			Medical Losses			Total Losses			
PY	7th	8th	Dev't	7th	8th	Dev't	7th	8th	Dev't
2013	290,991,713	292,894,820	1.007	253,557,816	254,146,460	1.002	544,549,529	547,041,280	1.005
2014	284,368,390	286,365,080	1.007	245,158,461	246,267,369	1.005	529,526,851	532,632,449	1.006
2015	275,095,586	277,230,143	1.008	234,915,926	236,226,437	1.006	510,011,512	513,456,580	1.007
2016	269,428,706	271,867,692	1.009	218,208,124	220,546,262	1.011	487,636,830	492,413,954	1.010
2017	278,261,355	280,766,623	1.009	221,108,956	222,366,192	1.006	499,370,311	503,132,815	1.008
2-yr avg			1.009			1.009			1.009
3-yr avg			1.009			1.008			1.008
4-yr avg			1.008			1.007			1.008
5-yr avg			1.008			1.006			1.007
Indemnity Losses			Medical Losses			Total Losses			
PY	8th	9th	Dev't	8th	9th	Dev't	8th	9th	Dev't
2012	295,600,710	297,597,767	1.007	281,222,366	283,082,296	1.007	576,823,076	580,680,063	1.007
2013	292,316,824	293,289,637	1.003	253,616,364	253,937,392	1.001	545,933,188	547,227,029	1.002
2014	286,365,080	289,369,695	1.010	246,267,369	247,742,775	1.006	532,632,449	537,112,470	1.008
2015	277,230,143	279,175,892	1.007	236,226,437	238,117,587	1.008	513,456,580	517,293,479	1.007
2016	271,867,692	273,955,295	1.008	220,546,262	221,188,158	1.003	492,413,954	495,143,453	1.006
2-yr avg			1.008			1.006			1.007
3-yr avg			1.008			1.006			1.007
4-yr avg			1.007			1.005			1.006
5-yr avg			1.007			1.005			1.006
Indemnity Losses			Medical Losses			Total Losses			
PY	9th	10th	Dev't	9th	10th	Dev't	9th	10th	Dev't
2011	329,176,296	331,520,966	1.007	302,955,149	304,720,852	1.006	632,131,445	636,241,818	1.007
2012	296,333,284	297,287,030	1.003	281,844,158	282,826,656	1.003	578,177,442	580,113,686	1.003
2013	293,289,637	294,477,229	1.004	253,937,392	254,860,944	1.004	547,227,029	549,338,173	1.004
2014	289,369,695	290,214,678	1.003	247,742,775	248,209,093	1.002	537,112,470	538,423,771	1.002
2015	279,175,892	280,542,040	1.005	238,117,587	239,815,874	1.007	517,293,479	520,357,914	1.006
2-yr avg			1.004			1.005			1.004
3-yr avg			1.004			1.004			1.004
4-yr avg			1.004			1.004			1.004
5-yr avg			1.004			1.004			1.004
Indemnity Losses			Medical Losses			Total Losses			
PY	10th	11th	Dev't	10th	11th	Dev't	10th	11th	Dev't
2010	351,612,422	353,285,902	1.005	300,947,155	302,762,803	1.006	652,559,577	656,048,705	1.005
2011	328,928,966	329,542,696	1.002	302,657,414	303,108,339	1.001	631,586,380	632,651,035	1.002
2012	297,287,030	298,277,865	1.003	282,826,656	284,670,294	1.007	580,113,686	582,948,159	1.005
2013	294,477,229	295,035,846	1.002	254,860,944	254,979,637	1.000	549,338,173	550,015,483	1.001
2014	290,214,678	290,964,909	1.003	248,209,093	248,638,922	1.002	538,423,771	539,603,831	1.002
2-yr avg			1.003			1.001			1.002
3-yr avg			1.003			1.003			1.003
4-yr avg			1.003			1.003			1.003
5-yr avg			1.003			1.003			1.003
Indemnity Losses			Medical Losses			Total Losses			
PY	11th	12th	Dev't	11th	12th	Dev't	11th	12th	Dev't
2009	348,718,980	349,814,130	1.003	284,525,313	287,150,778	1.009	633,244,293	636,964,908	1.006
2010	351,188,848	352,623,116	1.004	301,209,122	303,366,304	1.007	652,397,970	655,989,420	1.006
2011	329,542,696	330,038,655	1.002	303,108,339	303,637,320	1.002	632,651,035	633,675,975	1.002
2012	298,277,865	298,786,491	1.002	284,670,294	285,251,924	1.002	582,948,159	584,038,415	1.002
2013	295,035,846	295,134,732	1.000	254,979,637	255,755,769	1.003	550,015,483	550,890,501	1.002
2-yr avg			1.001			1.003			1.002
3-yr avg			1.001			1.002			1.002
4-yr avg			1.002			1.004			1.003
5-yr avg			1.002			1.005			1.004
Indemnity Losses			Medical Losses			Total Losses			
PY	12th	13th	Dev't	12th	13th	Dev't	12th	13th	Dev't
2008	379,423,317	380,184,566	1.002	309,861,654	310,949,690	1.004	689,284,971	691,134,256	1.003
2009	344,862,031	346,097,492	1.004	283,548,711	284,472,790	1.003	628,410,742	630,570,282	1.003
2010	352,623,116	353,726,622	1.003	303,366,304	305,847,339	1.008	655,989,420	659,573,961	1.005
2011	330,038,655	330,466,535	1.001	303,637,320	304,281,140	1.002	633,675,975	634,747,675	1.002
2012	298,786,491	298,929,003	1.000	285,251,924	286,139,119	1.003	584,038,415	585,068,122	1.002
2-yr avg			1.001			1.003			1.002
3-yr avg			1.001			1.004			1.003
4-yr avg			1.002			1.004			1.003
5-yr avg			1.002			1.004			1.003

North Carolina - Paid

Policy Year Development Factors, Continued

Indemnity Losses			Medical Losses			Total Losses			
PY	13th	14th	Dev't	13th	14th	Dev't	13th	14th	Dev't
2007	425,233,650	426,422,986	1.003	357,365,402	359,191,405	1.005	782,599,052	785,614,391	1.004
2008	376,425,958	377,067,030	1.002	308,205,148	308,684,209	1.002	684,631,106	685,751,239	1.002
2009	346,097,492	346,705,135	1.002	284,472,790	285,440,746	1.003	630,570,282	632,145,881	1.002
2010	353,726,622	355,070,599	1.004	305,847,339	308,920,130	1.010	659,573,961	663,990,729	1.007
2011	330,466,535	330,264,384	0.999	304,281,140	305,322,760	1.003	634,747,675	635,587,144	1.001
2-yr avg			1.002			1.007			1.004
3-yr avg			1.002			1.005			1.003
4-yr avg			1.002			1.005			1.003
5-yr avg			1.002			1.005			1.003
Indemnity Losses			Medical Losses			Total Losses			
PY	14th	15th	Dev't	14th	15th	Dev't	14th	15th	Dev't
2006	385,641,587	386,471,315	1.002	316,226,647	317,220,705	1.003	701,868,234	703,692,020	1.003
2007	420,525,605	420,851,036	1.001	353,841,992	355,418,298	1.004	774,367,597	776,269,334	1.002
2008	377,067,030	377,573,488	1.001	308,684,209	309,213,702	1.002	685,751,239	686,787,190	1.002
2009	346,705,135	347,291,979	1.002	285,440,746	286,310,428	1.003	632,145,881	633,602,407	1.002
2010	355,070,599	355,812,629	1.002	308,920,130	310,041,416	1.004	663,990,729	665,854,045	1.003
2-yr avg			1.002			1.004			1.003
3-yr avg			1.002			1.003			1.002
4-yr avg			1.002			1.003			1.002
5-yr avg			1.002			1.003			1.002
Indemnity Losses			Medical Losses			Total Losses			
PY	15th	16th	Dev't	15th	16th	Dev't	15th	16th	Dev't
2005	371,961,206	372,558,505	1.002	319,809,873	321,152,240	1.004	691,771,079	693,710,745	1.003
2006	379,668,024	380,200,900	1.001	310,840,990	311,610,658	1.002	690,509,014	691,811,558	1.002
2007	420,851,036	421,241,338	1.001	355,418,298	356,701,393	1.004	776,269,334	777,942,731	1.002
2008	377,573,488	378,103,268	1.001	309,213,702	309,916,122	1.002	686,787,190	688,019,390	1.002
2009	347,291,979	347,851,635	1.002	286,310,428	288,678,329	1.008	633,602,407	636,529,964	1.005
2-yr avg			1.002			1.005			1.004
3-yr avg			1.001			1.005			1.003
4-yr avg			1.001			1.004			1.003
5-yr avg			1.001			1.004			1.003
Indemnity Losses			Medical Losses			Total Losses			
PY	16th	17th	Dev't	16th	17th	Dev't	16th	17th	Dev't
2004	361,285,829	362,054,338	1.002	310,227,620	312,136,185	1.006	671,513,449	674,190,523	1.004
2005	368,065,370	368,522,212	1.001	317,920,425	318,460,764	1.002	685,985,795	686,982,976	1.001
2006	380,200,900	382,036,907	1.005	311,610,658	312,398,561	1.003	691,811,558	694,435,468	1.004
2007	421,241,338	421,549,939	1.001	356,701,393	357,241,876	1.002	777,942,731	778,791,815	1.001
2008	378,103,268	378,581,438	1.001	309,916,122	310,354,546	1.001	688,019,390	688,935,984	1.001
2-yr avg			1.001			1.002			1.001
3-yr avg			1.002			1.002			1.002
4-yr avg			1.002			1.002			1.002
5-yr avg			1.002			1.003			1.002
Indemnity Losses			Medical Losses			Total Losses			
PY	17th	18th	Dev't	17th	18th	Dev't	17th	18th	Dev't
2003	336,814,887	338,108,793	1.004	256,787,369	257,472,764	1.003	593,602,256	595,581,557	1.003
2004	353,588,902	354,204,213	1.002	305,120,738	307,164,922	1.007	658,709,640	661,369,135	1.004
2005	368,522,212	369,056,559	1.001	318,460,764	319,178,826	1.002	686,982,976	688,235,385	1.002
2006	382,036,907	382,773,887	1.002	312,398,561	312,690,722	1.001	694,435,468	695,464,609	1.001
2007	421,549,939	421,773,016	1.001	357,241,876	357,819,907	1.002	778,791,815	779,592,923	1.001
2-yr avg			1.002			1.002			1.001
3-yr avg			1.001			1.002			1.001
4-yr avg			1.002			1.003			1.002
5-yr avg			1.002			1.003			1.002
Indemnity Losses			Medical Losses			Total Losses			
PY	18th	19th	Dev't	18th	19th	Dev't	18th	19th	Dev't
2002	304,940,506	305,733,126	1.003	240,683,423	242,357,258	1.007	545,623,929	548,090,384	1.005
2003	329,847,611	330,394,049	1.002	252,154,506	252,958,046	1.003	582,002,117	583,352,095	1.002
2004	354,204,213	355,773,691	1.004	307,164,922	308,553,518	1.005	661,369,135	664,327,209	1.004
2005	369,056,559	369,757,622	1.002	319,178,826	319,657,393	1.001	688,235,385	689,415,015	1.002
2006	382,773,887	383,308,161	1.001	312,690,722	313,100,024	1.001	695,464,609	696,408,185	1.001
2-yr avg			1.002			1.001			1.002
3-yr avg			1.002			1.002			1.002
4-yr avg			1.002			1.003			1.002
5-yr avg			1.002			1.003			1.003

Indemnity Losses				Medical Losses			Total Losses		
<u>PY</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>
2019	220,608,460	275,763,907	1.250	293,600,732	297,174,782	1.012	514,209,192	572,938,689	1.114
2020	211,820,922	269,722,647	1.273	277,037,350	275,957,136	0.996	488,858,272	545,679,783	1.116
2021	223,483,404	292,082,216	1.307	300,033,202	305,293,119	1.018	523,516,606	597,375,335	1.141
2022	242,259,013	320,002,959	1.321	315,513,423	305,625,472	0.969	557,772,436	625,628,431	1.122
2023	237,966,291	309,888,243	1.302	286,171,954	289,358,518	1.011	524,138,245	599,246,761	1.143
2-yr avg			1.312			0.990			1.133
3-yr avg			1.310			0.999			1.135
4-yr avg			1.301			0.999			1.131
5-yr avg			1.291			1.001			1.127
Indemnity Losses				Medical Losses			Total Losses		
<u>PY</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>
2018	276,067,689	294,845,673	1.068	269,303,451	266,772,768	0.991	545,371,140	561,618,441	1.030
2019	275,763,907	298,415,492	1.082	297,174,782	305,012,723	1.026	572,938,689	603,428,215	1.053
2020	269,722,647	294,878,077	1.093	275,957,136	281,510,732	1.020	545,679,783	576,388,809	1.056
2021	292,082,216	317,899,643	1.088	305,293,119	290,736,137	0.952	597,375,335	608,635,780	1.019
2022	320,002,959	343,119,146	1.072	305,625,472	293,613,593	0.961	625,628,431	636,732,739	1.018
2-yr avg			1.080			0.957			1.019
3-yr avg			1.084			0.978			1.031
4-yr avg			1.084			0.990			1.037
5-yr avg			1.081			0.990			1.035
Indemnity Losses				Medical Losses			Total Losses		
<u>PY</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>
2017	269,941,483	277,747,042	1.029	231,139,269	228,168,177	0.987	501,080,752	505,915,219	1.010
2018	294,845,673	302,417,497	1.026	266,772,768	263,787,501	0.989	561,618,441	566,204,998	1.008
2019	298,415,492	305,107,577	1.022	305,012,723	300,881,480	0.986	603,428,215	605,989,057	1.004
2020	294,878,077	303,238,932	1.028	281,510,732	276,849,179	0.983	576,388,809	580,088,111	1.006
2021	317,899,643	328,734,945	1.034	290,736,137	303,543,612	1.044	608,635,780	632,278,557	1.039
2-yr avg			1.031			1.014			1.023
3-yr avg			1.028			1.004			1.016
4-yr avg			1.028			1.001			1.014
5-yr avg			1.028			0.998			1.013
Indemnity Losses				Medical Losses			Total Losses		
<u>PY</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>
2016	269,454,542	272,687,595	1.012	245,111,904	245,097,304	1.000	514,566,446	517,784,899	1.006
2017	277,747,042	280,290,422	1.009	228,168,177	228,060,877	1.000	505,915,219	508,351,299	1.005
2018	302,417,497	304,730,913	1.008	263,787,501	258,292,374	0.979	566,204,998	563,023,287	0.994
2019	305,107,577	309,350,355	1.014	300,881,480	297,387,731	0.988	605,989,057	606,738,086	1.001
2020	303,238,932	305,823,242	1.009	276,849,179	277,522,093	1.002	580,088,111	583,345,335	1.006
2-yr avg			1.012			0.995			1.004
3-yr avg			1.010			0.990			1.000
4-yr avg			1.010			0.992			1.002
5-yr avg			1.010			0.994			1.002
Indemnity Losses				Medical Losses			Total Losses		
<u>PY</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>
2015	278,396,704	279,874,356	1.005	241,110,679	241,916,489	1.003	519,507,383	521,790,845	1.004
2016	272,687,595	276,293,000	1.013	245,097,304	244,064,060	0.996	517,784,899	520,357,060	1.005
2017	280,290,422	281,684,847	1.005	228,060,877	228,156,013	1.000	508,351,299	509,840,860	1.003
2018	304,730,913	306,870,636	1.007	258,292,374	260,953,805	1.010	563,023,287	567,824,441	1.009
2019	309,350,355	310,206,817	1.003	297,387,731	299,245,912	1.006	606,738,086	609,452,729	1.004
2-yr avg			1.005			1.008			1.007
3-yr avg			1.005			1.005			1.005
4-yr avg			1.007			1.003			1.005
5-yr avg			1.007			1.003			1.005
Indemnity Losses				Medical Losses			Total Losses		
<u>PY</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>
2014	290,349,531	291,120,800	1.003	253,563,215	253,369,986	0.999	543,912,746	544,490,786	1.001
2015	279,874,356	280,036,150	1.001	241,916,330	242,935,304	1.004	521,790,686	522,971,454	1.002
2016	276,293,000	277,347,732	1.004	244,064,060	245,157,261	1.004	520,357,060	522,504,993	1.004
2017	281,684,847	283,421,436	1.006	228,156,013	229,256,425	1.005	509,840,860	512,677,861	1.006
2018	306,870,636	307,587,391	1.002	260,953,805	262,123,268	1.004	567,824,441	569,710,659	1.003
2-yr avg			1.004			1.005			1.005
3-yr avg			1.004			1.004			1.004
4-yr avg			1.003			1.004			1.004
5-yr avg			1.003			1.003			1.003

North Carolina - Paid+Case

Policy Year Development Factors, Continued

Indemnity Losses									
PY	7th	8th	Dev't	Medical Losses			Total Losses		
				7th	8th	Dev't	7th	8th	Dev't
2013	295,719,699	295,648,443	1.000	259,065,087	258,988,196	1.000	554,784,786	554,636,639	1.000
2014	290,918,897	291,898,420	1.003	253,032,554	253,186,276	1.001	543,951,451	545,084,696	1.002
2015	280,036,150	280,564,780	1.002	242,935,304	242,689,346	0.999	522,971,454	523,254,126	1.001
2016	277,347,732	277,798,717	1.002	245,157,261	226,161,211	0.923	522,504,993	503,959,928	0.965
2017	283,389,236	283,440,215	1.000	229,222,421	226,432,798	0.988	512,611,657	509,873,013	0.995
2-yr avg			1.001			0.956			0.980
3-yr avg			1.001			0.970			0.987
4-yr avg			1.002			0.978			0.991
5-yr avg			1.001			0.982			0.993
Indemnity Losses									
PY	8th	9th	Dev't	Medical Losses			Total Losses		
				8th	9th	Dev't	8th	9th	Dev't
2012	300,766,491	301,391,967	1.002	295,256,182	295,919,460	1.002	596,022,673	597,311,427	1.002
2013	295,070,447	295,414,762	1.001	258,458,100	258,795,741	1.001	553,528,547	554,210,503	1.001
2014	291,898,420	292,495,283	1.002	253,186,276	251,202,332	0.992	545,084,696	543,697,615	0.997
2015	280,564,780	281,491,491	1.003	242,689,346	243,061,138	1.002	523,254,126	524,552,629	1.002
2016	277,798,717	277,656,405	0.999	226,161,211	225,223,026	0.996	503,959,928	502,879,431	0.998
2-yr avg			1.001			0.999			1.000
3-yr avg			1.001			0.997			0.999
4-yr avg			1.001			0.998			1.000
5-yr avg			1.001			0.999			1.000
Indemnity Losses									
PY	9th	10th	Dev't	Medical Losses			Total Losses		
				9th	10th	Dev't	9th	10th	Dev't
2011	332,529,243	332,945,640	1.001	313,140,913	312,244,482	0.997	645,670,156	645,190,122	0.999
2012	300,127,484	300,346,808	1.001	294,681,322	294,328,197	0.999	594,808,806	594,675,005	1.000
2013	295,414,762	295,419,957	1.000	258,795,741	258,815,985	1.000	554,210,503	554,235,942	1.000
2014	292,495,283	292,609,220	1.000	251,202,332	252,270,153	1.004	543,697,615	544,879,373	1.002
2015	281,491,491	281,344,360	0.999	243,061,138	243,436,012	1.002	524,552,629	524,780,372	1.000
2-yr avg			1.000			1.003			1.001
3-yr avg			1.000			1.002			1.001
4-yr avg			1.000			1.001			1.001
5-yr avg			1.000			1.000			1.000
Indemnity Losses									
PY	10th	11th	Dev't	Medical Losses			Total Losses		
				10th	11th	Dev't	10th	11th	Dev't
2010	362,509,209	365,200,522	1.007	325,971,016	325,811,102	1.000	688,480,225	691,011,624	1.004
2011	330,353,640	330,378,655	1.000	310,181,044	310,757,120	1.002	640,534,684	641,135,775	1.001
2012	300,346,808	300,147,374	0.999	294,328,197	293,847,585	0.998	594,675,005	593,994,959	0.999
2013	295,419,957	295,728,529	1.001	258,815,985	258,243,240	0.998	554,235,942	553,971,769	1.000
2014	292,609,220	292,557,228	1.000	252,270,153	252,527,505	1.001	544,879,373	545,084,733	1.000
2-yr avg			1.001			1.000			1.000
3-yr avg			1.000			0.999			1.000
4-yr avg			1.000			1.000			1.000
5-yr avg			1.001			1.000			1.001
Indemnity Losses									
PY	11th	12th	Dev't	Medical Losses			Total Losses		
				11th	12th	Dev't	11th	12th	Dev't
2009	355,286,061	355,733,803	1.001	300,246,932	303,797,677	1.012	655,532,993	659,531,480	1.006
2010	363,103,468	363,249,096	1.000	324,257,421	324,459,536	1.001	687,360,889	687,708,632	1.001
2011	330,378,655	330,893,190	1.002	310,757,120	310,654,475	1.000	641,135,775	641,547,665	1.001
2012	300,147,374	300,158,798	1.000	293,847,585	294,092,813	1.001	593,994,959	594,251,611	1.000
2013	295,728,529	295,649,347	1.000	258,243,240	258,258,201	1.000	553,971,769	553,907,548	1.000
2-yr avg			1.000			1.001			1.000
3-yr avg			1.001			1.000			1.000
4-yr avg			1.001			1.001			1.001
5-yr avg			1.001			1.003			1.002
Indemnity Losses									
PY	12th	13th	Dev't	Medical Losses			Total Losses		
				12th	13th	Dev't	12th	13th	Dev't
2008	385,588,772	386,207,163	1.002	319,359,965	319,438,050	1.000	704,948,737	705,645,213	1.001
2009	350,781,704	351,010,085	1.001	300,195,610	299,994,529	0.999	650,977,314	651,004,614	1.000
2010	363,249,096	363,422,555	1.000	324,459,536	328,325,844	1.012	687,708,632	691,748,399	1.006
2011	330,893,190	330,832,657	1.000	310,654,475	310,247,321	0.999	641,547,665	641,079,978	0.999
2012	300,158,798	300,071,841	1.000	294,092,813	294,341,832	1.001	594,251,611	594,413,673	1.000
2-yr avg			1.000			1.000			1.000
3-yr avg			1.000			1.004			1.002
4-yr avg			1.000			1.003			1.001
5-yr avg			1.001			1.002			1.001

North Carolina - Paid+Case

Policy Year Development Factors, Continued

Indemnity Losses				Medical Losses			Total Losses		
PY	13th	14th	Dev't	13th	14th	Dev't	13th	14th	Dev't
2007	431,251,066	430,930,360	0.999	382,033,793	382,409,550	1.001	813,284,859	813,339,910	1.000
2008	382,227,986	381,613,369	0.998	316,691,786	316,108,090	0.998	698,919,772	697,721,459	0.998
2009	351,010,085	351,325,061	1.001	299,994,529	299,558,156	0.999	651,004,614	650,883,217	1.000
2010	363,422,555	363,972,155	1.002	328,325,844	328,740,015	1.001	691,748,399	692,712,170	1.001
2011	330,832,657	330,599,227	0.999	310,247,321	310,074,778	0.999	641,079,978	640,674,005	0.999
2-yr avg			1.001			1.000			1.000
3-yr avg			1.001			1.000			1.000
4-yr avg			1.000			0.999			1.000
5-yr avg			1.000			1.000			1.000
Indemnity Losses				Medical Losses			Total Losses		
PY	14th	15th	Dev't	14th	15th	Dev't	14th	15th	Dev't
2006	391,806,190	392,527,516	1.002	326,822,485	325,861,912	0.997	718,628,675	718,389,428	1.000
2007	424,848,716	425,016,226	1.000	376,771,788	375,797,165	0.997	801,620,504	800,813,391	0.999
2008	381,613,369	382,368,709	1.002	316,108,090	316,402,875	1.001	697,721,459	698,771,584	1.002
2009	351,325,061	351,177,530	1.000	299,558,156	299,842,711	1.001	650,883,217	651,020,241	1.000
2010	363,972,155	363,947,429	1.000	328,740,015	333,727,700	1.015	692,712,170	697,675,129	1.007
2-yr avg			1.000			1.008			1.004
3-yr avg			1.001			1.006			1.003
4-yr avg			1.001			1.004			1.002
5-yr avg			1.001			1.002			1.002
Indemnity Losses				Medical Losses			Total Losses		
PY	15th	16th	Dev't	15th	16th	Dev't	15th	16th	Dev't
2005	377,769,463	377,983,493	1.001	334,091,250	334,512,033	1.001	711,860,713	712,495,526	1.001
2006	385,724,225	385,065,554	0.998	318,959,633	317,771,387	0.996	704,683,858	702,836,941	0.997
2007	425,016,226	424,966,692	1.000	375,797,165	375,551,030	0.999	800,813,391	800,517,722	1.000
2008	382,368,709	382,464,735	1.000	316,402,875	315,869,419	0.998	698,771,584	698,334,154	0.999
2009	351,177,530	351,327,870	1.000	299,842,711	300,424,280	1.002	651,020,241	651,752,150	1.001
2-yr avg			1.000			1.000			1.000
3-yr avg			1.000			1.000			1.000
4-yr avg			1.000			0.999			0.999
5-yr avg			1.000			0.999			1.000
Indemnity Losses				Medical Losses			Total Losses		
PY	16th	17th	Dev't	16th	17th	Dev't	16th	17th	Dev't
2004	367,084,578	367,185,720	1.000	326,871,430	327,577,003	1.002	693,956,008	694,762,723	1.001
2005	373,490,358	373,389,165	1.000	331,280,218	327,511,664	0.989	704,770,576	700,900,829	0.995
2006	385,065,554	387,009,444	1.005	317,771,387	318,105,107	1.001	702,836,941	705,114,551	1.003
2007	424,966,692	425,007,964	1.000	375,551,030	375,652,988	1.000	800,517,722	800,660,952	1.000
2008	382,464,735	382,895,127	1.001	315,869,419	316,076,634	1.001	698,334,154	698,971,761	1.001
2-yr avg			1.001			1.001			1.001
3-yr avg			1.002			1.001			1.001
4-yr avg			1.002			0.998			1.000
5-yr avg			1.001			0.999			1.000
Indemnity Losses				Medical Losses			Total Losses		
PY	17th	18th	Dev't	17th	18th	Dev't	17th	18th	Dev't
2003	344,378,122	344,249,999	1.000	273,318,465	272,906,911	0.998	617,696,587	617,156,910	0.999
2004	358,720,284	358,693,301	1.000	320,561,556	323,252,784	1.008	679,281,840	681,946,085	1.004
2005	373,389,165	373,457,106	1.000	327,511,664	327,467,419	1.000	700,900,829	700,924,525	1.000
2006	387,009,444	386,759,455	0.999	318,105,107	317,454,462	0.998	705,114,551	704,213,917	0.999
2007	425,007,964	425,154,624	1.000	375,652,988	374,284,404	0.996	800,660,952	799,439,028	0.998
2-yr avg			1.000			0.997			0.999
3-yr avg			1.000			0.998			0.999
4-yr avg			1.000			1.001			1.000
5-yr avg			1.000			1.000			1.000
Indemnity Losses				Medical Losses			Total Losses		
PY	18th	19th	Dev't	18th	19th	Dev't	18th	19th	Dev't
2002	310,771,011	310,515,714	0.999	249,370,526	250,172,985	1.003	560,141,537	560,688,699	1.001
2003	335,776,972	335,761,152	1.000	267,469,392	267,470,981	1.000	603,246,364	603,232,133	1.000
2004	358,693,301	359,740,813	1.003	323,252,784	324,523,804	1.004	681,946,085	684,264,617	1.003
2005	373,457,106	373,076,061	0.999	327,467,419	325,830,406	0.995	700,924,525	698,906,467	0.997
2006	386,759,455	386,333,990	0.999	317,454,462	316,298,572	0.996	704,213,917	702,632,562	0.998
2-yr avg			0.999			0.996			0.998
3-yr avg			1.000			0.998			0.999
4-yr avg			1.000			0.999			1.000
5-yr avg			1.000			1.000			1.000

North Carolina - Paid

Accident Year Development Factors

Indemnity Losses									
AY	1st	2nd	Dev't	Medical Losses			Total Losses		
				1st	2nd	Dev't	1st	2nd	Dev't
2020	44,050,811	157,416,340	3.574	83,953,452	185,840,208	2.214	128,004,263	343,256,548	2.682
2021	51,486,173	169,978,335	3.301	101,462,308	198,131,467	1.953	152,948,481	368,109,802	2.407
2022	53,579,551	185,815,113	3.468	100,318,879	212,581,479	2.119	153,898,430	398,396,592	2.589
2023	57,485,993	196,685,826	3.421	98,067,844	200,987,428	2.049	155,553,837	397,673,254	2.556
2024	53,347,414	185,727,124	3.481	94,541,613	193,608,494	2.048	147,889,027	379,335,618	2.565
2-yr avg			3.451			2.049			2.561
3-yr avg			3.457			2.072			2.570
4-yr avg			3.418			2.042			2.529
5-yr avg			3.449			2.077			2.560

Indemnity Losses									
AY	2nd	3rd	Dev't	Medical Losses			Total Losses		
				2nd	3rd	Dev't	2nd	3rd	Dev't
2019	171,171,681	248,391,523	1.451	199,824,004	233,928,372	1.171	370,995,685	482,319,895	1.300
2020	157,416,340	226,532,738	1.439	185,840,208	213,780,558	1.150	343,256,548	440,313,296	1.283
2021	169,978,335	244,437,272	1.438	198,131,467	230,451,217	1.163	368,109,802	474,888,489	1.290
2022	185,815,113	268,804,002	1.447	212,581,479	249,241,629	1.172	398,396,592	518,045,631	1.300
2023	196,685,826	279,032,750	1.419	200,987,428	230,613,749	1.147	397,673,254	509,646,499	1.282
2-yr avg			1.433			1.160			1.291
3-yr avg			1.435			1.161			1.291
4-yr avg			1.436			1.158			1.289
5-yr avg			1.439			1.161			1.291

Indemnity Losses									
AY	3rd	4th	Dev't	Medical Losses			Total Losses		
				3rd	4th	Dev't	3rd	4th	Dev't
2018	236,160,561	267,107,001	1.131	210,149,638	223,948,613	1.066	446,310,199	491,055,614	1.100
2019	248,391,523	285,442,538	1.149	233,928,372	248,717,236	1.063	482,319,895	534,159,774	1.107
2020	226,532,738	259,400,949	1.145	213,780,558	227,371,799	1.064	440,313,296	486,772,748	1.106
2021	244,437,272	282,401,262	1.155	230,451,217	243,072,651	1.055	474,888,489	525,473,913	1.107
2022	268,804,002	310,369,518	1.155	249,241,629	265,736,821	1.066	518,045,631	576,106,339	1.112
2-yr avg			1.155			1.061			1.110
3-yr avg			1.152			1.062			1.108
4-yr avg			1.151			1.062			1.108
5-yr avg			1.147			1.063			1.106

Indemnity Losses									
AY	4th	5th	Dev't	Medical Losses			Total Losses		
				4th	5th	Dev't	4th	5th	Dev't
2017	252,436,362	263,490,626	1.044	208,439,283	213,473,677	1.024	460,875,645	476,964,303	1.035
2018	267,107,001	282,233,853	1.057	223,948,613	229,188,465	1.023	491,055,614	511,422,318	1.041
2019	285,442,538	302,222,203	1.059	248,717,236	260,552,476	1.048	534,159,774	562,774,679	1.054
2020	259,400,949	273,684,913	1.055	227,371,799	235,567,948	1.036	486,772,748	509,252,861	1.046
2021	282,401,262	297,242,033	1.053	243,072,651	252,974,840	1.041	525,473,913	550,216,873	1.047
2-yr avg			1.054			1.039			1.047
3-yr avg			1.056			1.042			1.049
4-yr avg			1.056			1.037			1.047
5-yr avg			1.054			1.034			1.045

Indemnity Losses									
AY	5th	6th	Dev't	Medical Losses			Total Losses		
				5th	6th	Dev't	5th	6th	Dev't
2016	257,528,306	263,795,141	1.024	216,802,342	218,870,217	1.010	474,330,648	482,665,358	1.018
2017	263,490,626	268,845,461	1.020	213,473,677	215,655,221	1.010	476,964,303	484,500,682	1.016
2018	282,233,853	290,434,651	1.029	229,188,465	232,424,626	1.014	511,422,318	522,859,277	1.022
2019	302,222,203	309,676,801	1.025	260,552,476	266,263,348	1.022	562,774,679	575,940,149	1.023
2020	273,684,913	280,822,825	1.026	235,567,948	241,660,264	1.026	509,252,861	522,483,089	1.026
2-yr avg			1.026			1.024			1.025
3-yr avg			1.027			1.021			1.024
4-yr avg			1.025			1.018			1.022
5-yr avg			1.025			1.016			1.021

Indemnity Losses									
AY	6th	7th	Dev't	Medical Losses			Total Losses		
				6th	7th	Dev't	6th	7th	Dev't
2015	274,693,357	279,288,536	1.017	235,520,335	239,213,561	1.016	510,213,692	518,502,097	1.016
2016	263,795,141	266,378,151	1.010	218,870,217	219,501,236	1.003	482,665,358	485,879,387	1.007
2017	268,845,461	272,044,655	1.012	215,655,221	218,510,004	1.013	484,500,682	490,554,659	1.012
2018	290,434,651	295,421,926	1.017	232,424,626	234,815,818	1.010	522,859,277	530,237,744	1.014
2019	309,676,801	313,557,942	1.013	266,263,348	271,470,212	1.020	575,940,149	585,028,154	1.016
2-yr avg			1.015			1.015			1.015
3-yr avg			1.014			1.014			1.014
4-yr avg			1.013			1.012			1.012
5-yr avg			1.014			1.012			1.013

North Carolina - Paid

Accident Year Development Factors, Continued

Indemnity Losses									
AY	7th	8th	Dev't	Medical Losses			Total Losses		
				7th	8th	Dev't	7th	8th	Dev't
2014	283,673,727	286,259,395	1.009	256,570,992	257,803,082	1.005	540,244,719	544,062,477	1.007
2015	279,144,496	282,217,046	1.011	238,930,870	240,782,209	1.008	518,075,366	522,999,255	1.010
2016	266,378,151	268,831,640	1.009	219,501,236	220,084,885	1.003	485,879,387	488,916,525	1.006
2017	272,044,655	274,597,733	1.009	218,510,004	222,164,494	1.017	490,554,659	496,762,227	1.013
2018	295,398,726	298,124,555	1.009	234,782,244	235,272,933	1.002	530,180,970	533,397,488	1.006
2-yr avg			1.009			1.010			1.010
3-yr avg			1.009			1.007			1.008
4-yr avg			1.010			1.008			1.009
5-yr avg			1.009			1.007			1.008
Indemnity Losses									
AY	8th	9th	Dev't	Medical Losses			Total Losses		
				8th	9th	Dev't	8th	9th	Dev't
2013	288,928,295	290,343,611	1.005	253,401,752	254,161,396	1.003	542,330,047	544,505,007	1.004
2014	286,127,523	287,540,687	1.005	257,623,750	257,981,950	1.001	543,751,273	545,522,637	1.003
2015	282,217,046	285,297,958	1.011	240,782,209	242,711,853	1.008	522,999,255	528,009,811	1.010
2016	268,831,640	271,076,216	1.008	220,084,885	220,897,523	1.004	488,916,525	491,973,739	1.006
2017	274,588,733	277,179,310	1.009	222,164,063	223,134,716	1.004	496,752,796	500,314,026	1.007
2-yr avg			1.009			1.004			1.007
3-yr avg			1.009			1.005			1.008
4-yr avg			1.008			1.004			1.007
5-yr avg			1.008			1.004			1.006
Indemnity Losses									
AY	9th	10th	Dev't	Medical Losses			Total Losses		
				9th	10th	Dev't	9th	10th	Dev't
2012	311,684,446	313,840,191	1.007	286,890,370	288,776,024	1.007	598,574,816	602,616,215	1.007
2013	289,410,581	290,252,438	1.003	253,364,219	254,111,306	1.003	542,774,800	544,363,744	1.003
2014	287,540,687	289,583,345	1.007	257,981,950	258,997,961	1.004	545,522,637	548,581,306	1.006
2015	285,297,958	287,186,393	1.007	242,711,853	244,663,997	1.008	528,009,811	531,850,390	1.007
2016	271,076,216	272,348,767	1.005	220,897,523	222,855,889	1.009	491,973,739	495,204,656	1.007
2-yr avg			1.006			1.009			1.007
3-yr avg			1.006			1.007			1.007
4-yr avg			1.006			1.006			1.006
5-yr avg			1.006			1.006			1.006
Indemnity Losses									
AY	10th	11th	Dev't	Medical Losses			Total Losses		
				10th	11th	Dev't	10th	11th	Dev't
2011	336,110,750	338,483,639	1.007	304,169,343	306,004,106	1.006	640,280,093	644,487,745	1.007
2012	311,564,677	312,290,446	1.002	286,722,937	287,237,835	1.002	598,287,614	599,528,281	1.002
2013	290,252,438	291,343,577	1.004	254,111,306	255,950,309	1.007	544,363,744	547,293,886	1.005
2014	289,583,345	289,928,508	1.001	258,997,961	259,225,556	1.001	548,581,306	549,154,064	1.001
2015	287,186,393	288,216,796	1.004	244,663,997	245,065,909	1.002	531,850,390	533,282,705	1.003
2-yr avg			1.003			1.002			1.002
3-yr avg			1.003			1.003			1.003
4-yr avg			1.003			1.003			1.003
5-yr avg			1.004			1.004			1.004
Indemnity Losses									
AY	11th	12th	Dev't	Medical Losses			Total Losses		
				11th	12th	Dev't	11th	12th	Dev't
2010	349,487,492	350,695,498	1.003	300,316,937	301,794,588	1.005	649,804,429	652,490,086	1.004
2011	336,635,286	337,664,709	1.003	304,687,081	305,740,251	1.003	641,322,367	643,404,960	1.003
2012	312,290,446	312,768,027	1.002	287,237,835	288,105,812	1.003	599,528,281	600,873,839	1.002
2013	291,343,577	292,212,346	1.003	255,950,309	256,356,207	1.002	547,293,886	548,568,553	1.002
2014	289,928,508	290,281,220	1.001	259,225,556	260,098,460	1.003	549,154,064	550,379,680	1.002
2-yr avg			1.002			1.003			1.002
3-yr avg			1.002			1.003			1.002
4-yr avg			1.002			1.003			1.002
5-yr avg			1.002			1.003			1.003
Indemnity Losses									
AY	12th	13th	Dev't	Medical Losses			Total Losses		
				12th	13th	Dev't	12th	13th	Dev't
2009	350,900,570	352,127,118	1.003	292,666,282	295,550,969	1.010	643,566,852	647,678,087	1.006
2010	346,840,567	348,585,751	1.005	298,672,768	300,368,039	1.006	645,513,335	648,953,790	1.005
2011	337,664,709	338,147,235	1.001	305,740,251	306,289,005	1.002	643,404,960	644,436,240	1.002
2012	312,768,027	312,908,804	1.000	288,105,812	288,471,118	1.001	600,873,839	601,379,922	1.001
2013	292,212,346	292,307,966	1.000	256,356,207	256,912,445	1.002	548,568,553	549,220,411	1.001
2-yr avg			1.000			1.002			1.001
3-yr avg			1.000			1.002			1.001
4-yr avg			1.002			1.003			1.002
5-yr avg			1.002			1.004			1.003

North Carolina - Paid

Accident Year Development Factors, Continued

Indemnity Losses				Medical Losses			Total Losses		
AY	13th	14th	Dev't	13th	14th	Dev't	13th	14th	Dev't
2008	421,046,503	422,120,740	1.003	335,677,668	337,139,632	1.004	756,724,171	759,260,372	1.003
2009	347,861,282	348,307,551	1.001	292,748,542	293,503,846	1.003	640,609,824	641,811,397	1.002
2010	348,585,751	349,669,484	1.003	300,368,039	302,783,345	1.008	648,953,790	652,452,829	1.005
2011	338,147,235	338,927,078	1.002	306,289,005	307,181,648	1.003	644,436,240	646,108,726	1.003
2012	312,908,804	312,956,380	1.000	288,471,118	289,099,775	1.002	601,379,922	602,056,155	1.001
2-yr avg			1.001			1.003			1.002
3-yr avg			1.002			1.004			1.003
4-yr avg			1.002			1.004			1.003
5-yr avg			1.002			1.004			1.003
Indemnity Losses				Medical Losses			Total Losses		
AY	14th	15th	Dev't	14th	15th	Dev't	14th	15th	Dev't
2007	402,169,067	403,135,677	1.002	341,450,934	342,614,424	1.003	743,620,001	745,750,101	1.003
2008	418,057,164	418,752,987	1.002	333,516,000	334,200,426	1.002	751,573,164	752,953,413	1.002
2009	348,307,551	348,933,720	1.002	293,503,846	294,385,483	1.003	641,811,397	643,319,203	1.002
2010	349,669,484	350,762,514	1.003	302,783,345	305,627,240	1.009	652,452,829	656,389,754	1.006
2011	338,927,078	338,963,397	1.000	307,181,648	308,300,910	1.004	646,108,726	647,264,307	1.002
2-yr avg			1.002			1.007			1.004
3-yr avg			1.002			1.005			1.003
4-yr avg			1.002			1.005			1.003
5-yr avg			1.002			1.004			1.003
Indemnity Losses				Medical Losses			Total Losses		
AY	15th	16th	Dev't	15th	16th	Dev't	15th	16th	Dev't
2006	374,446,468	375,148,176	1.002	309,667,761	310,931,339	1.004	684,114,229	686,079,515	1.003
2007	396,371,876	396,595,325	1.001	334,731,294	336,208,872	1.004	731,103,170	732,804,197	1.002
2008	418,752,987	419,340,387	1.001	334,200,426	334,901,932	1.002	752,953,413	754,242,319	1.002
2009	348,933,720	349,629,247	1.002	294,385,483	295,160,048	1.003	643,319,203	644,789,295	1.002
2010	350,762,514	351,478,589	1.002	305,627,240	306,794,556	1.004	656,389,754	658,273,145	1.003
2-yr avg			1.002			1.004			1.003
3-yr avg			1.002			1.003			1.002
4-yr avg			1.002			1.003			1.002
5-yr avg			1.002			1.003			1.002
Indemnity Losses				Medical Losses			Total Losses		
AY	16th	17th	Dev't	16th	17th	Dev't	16th	17th	Dev't
2005	370,312,088	370,827,713	1.001	333,940,842	336,048,385	1.006	704,252,930	706,876,098	1.004
2006	369,037,434	369,680,505	1.002	307,620,341	308,447,292	1.003	676,657,775	678,127,797	1.002
2007	396,595,325	396,915,433	1.001	336,208,872	337,603,630	1.004	732,804,197	734,519,063	1.002
2008	419,340,387	419,875,350	1.001	334,901,932	335,796,950	1.003	754,242,319	755,672,300	1.002
2009	349,629,247	350,166,451	1.002	295,160,048	297,361,002	1.007	644,789,295	647,527,453	1.004
2-yr avg			1.002			1.005			1.003
3-yr avg			1.001			1.005			1.003
4-yr avg			1.002			1.004			1.003
5-yr avg			1.001			1.005			1.003
Indemnity Losses				Medical Losses			Total Losses		
AY	17th	18th	Dev't	17th	18th	Dev't	17th	18th	Dev't
2004	353,393,931	354,558,091	1.003	271,527,669	272,334,162	1.003	624,921,600	626,892,253	1.003
2005	366,437,382	366,859,962	1.001	332,996,549	334,880,833	1.006	699,433,931	701,740,795	1.003
2006	369,680,505	371,563,147	1.005	308,447,292	309,096,195	1.002	678,127,797	680,659,342	1.004
2007	396,915,433	397,147,307	1.001	337,603,630	338,059,342	1.001	734,519,063	735,206,649	1.001
2008	419,875,350	420,338,653	1.001	335,796,950	336,335,122	1.002	755,672,300	756,673,775	1.001
2-yr avg			1.001			1.002			1.001
3-yr avg			1.002			1.002			1.002
4-yr avg			1.002			1.003			1.002
5-yr avg			1.002			1.003			1.002
Indemnity Losses				Medical Losses			Total Losses		
AY	18th	19th	Dev't	18th	19th	Dev't	18th	19th	Dev't
2003	323,945,238	325,126,075	1.004	253,032,331	254,804,257	1.007	576,977,569	579,930,332	1.005
2004	345,573,422	346,237,675	1.002	264,924,997	265,507,321	1.002	610,498,419	611,744,996	1.002
2005	366,859,962	367,327,615	1.001	334,880,833	336,110,110	1.004	701,740,795	703,437,725	1.002
2006	371,563,147	372,440,451	1.002	309,096,195	309,255,884	1.001	680,659,342	681,696,335	1.002
2007	397,147,307	397,479,475	1.001	338,059,342	338,758,660	1.002	735,206,649	736,238,135	1.001
2-yr avg			1.002			1.002			1.002
3-yr avg			1.001			1.002			1.002
4-yr avg			1.002			1.002			1.002
5-yr avg			1.002			1.003			1.002

North Carolina - Paid+Case
Accident Year Development Factors

Indemnity Losses				Medical Losses			Total Losses		
<u>AY</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>	<u>1st</u>	<u>2nd</u>	<u>Dev't</u>
2020	147,045,990	239,840,196	1.631	239,161,530	273,479,940	1.143	386,207,520	513,320,136	1.329
2021	153,305,802	251,014,766	1.637	276,056,122	298,101,480	1.080	429,361,924	549,116,246	1.279
2022	166,943,975	283,184,132	1.696	279,199,419	326,713,804	1.170	446,143,394	609,897,936	1.367
2023	168,202,303	288,353,702	1.714	254,989,533	284,614,623	1.116	423,191,836	572,968,325	1.354
2024	161,983,644	272,561,829	1.683	245,304,530	265,793,737	1.084	407,288,174	538,355,566	1.322
2-yr avg			1.699			1.100			1.338
3-yr avg			1.698			1.123			1.348
4-yr avg			1.683			1.113			1.331
5-yr avg			1.672			1.119			1.330
Indemnity Losses				Medical Losses			Total Losses		
<u>AY</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>	<u>2nd</u>	<u>3rd</u>	<u>Dev't</u>
2019	263,246,479	298,384,569	1.133	313,950,615	298,697,824	0.951	577,197,094	597,082,393	1.034
2020	239,840,196	273,158,478	1.139	273,479,940	272,097,464	0.995	513,320,136	545,255,942	1.062
2021	251,014,766	293,916,575	1.171	298,101,480	296,997,974	0.996	549,116,246	590,914,549	1.076
2022	283,184,132	328,069,405	1.159	326,713,804	316,167,701	0.968	609,897,936	644,237,106	1.056
2023	288,353,702	332,599,166	1.153	284,614,623	275,128,823	0.967	572,968,325	607,727,989	1.061
2-yr avg			1.156			0.968			1.059
3-yr avg			1.161			0.977			1.064
4-yr avg			1.156			0.982			1.064
5-yr avg			1.151			0.975			1.058
Indemnity Losses				Medical Losses			Total Losses		
<u>AY</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>	<u>3rd</u>	<u>4th</u>	<u>Dev't</u>
2018	281,543,776	293,665,060	1.043	251,756,851	252,784,853	1.004	533,300,627	546,449,913	1.025
2019	298,384,569	312,422,678	1.047	298,697,824	303,003,032	1.014	597,082,393	615,425,710	1.031
2020	273,158,478	284,241,844	1.041	272,097,464	274,893,232	1.010	545,255,942	559,135,076	1.025
2021	294,018,996	310,509,175	1.056	296,997,974	282,409,605	0.951	591,016,970	592,918,780	1.003
2022	328,069,405	343,224,498	1.046	316,167,701	309,953,168	0.980	644,237,106	653,177,666	1.014
2-yr avg			1.051			0.966			1.009
3-yr avg			1.048			0.980			1.014
4-yr avg			1.048			0.989			1.018
5-yr avg			1.047			0.992			1.020
Indemnity Losses				Medical Losses			Total Losses		
<u>AY</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>	<u>4th</u>	<u>5th</u>	<u>Dev't</u>
2017	271,170,297	275,710,199	1.017	249,287,987	245,732,701	0.986	520,458,284	521,442,900	1.002
2018	293,665,060	298,696,662	1.017	252,784,853	248,916,505	0.985	546,449,913	547,613,167	1.002
2019	312,422,678	317,337,158	1.016	303,003,032	295,497,459	0.975	615,425,710	612,834,617	0.996
2020	284,241,844	288,766,471	1.016	274,893,232	271,759,589	0.989	559,135,076	560,526,060	1.002
2021	310,509,175	314,493,091	1.013	282,409,605	291,977,581	1.034	592,918,780	606,470,672	1.023
2-yr avg			1.015			1.012			1.013
3-yr avg			1.015			0.999			1.007
4-yr avg			1.016			0.996			1.006
5-yr avg			1.016			0.994			1.005
Indemnity Losses				Medical Losses			Total Losses		
<u>AY</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>	<u>5th</u>	<u>6th</u>	<u>Dev't</u>
2016	270,177,730	271,962,161	1.007	226,382,894	226,470,340	1.000	496,560,624	498,432,501	1.004
2017	275,710,199	277,254,129	1.006	245,732,701	246,467,367	1.003	521,442,900	523,721,496	1.004
2018	298,696,662	300,603,552	1.006	248,916,505	246,755,543	0.991	547,613,167	547,359,095	1.000
2019	317,337,158	321,764,023	1.014	295,497,459	296,074,699	1.002	612,834,617	617,838,722	1.008
2020	288,766,471	291,110,189	1.008	271,759,589	272,874,446	1.004	560,526,060	563,984,635	1.006
2-yr avg			1.011			1.003			1.007
3-yr avg			1.009			0.999			1.005
4-yr avg			1.009			1.000			1.005
5-yr avg			1.008			1.000			1.004
Indemnity Losses				Medical Losses			Total Losses		
<u>AY</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>	<u>6th</u>	<u>7th</u>	<u>Dev't</u>
2015	287,194,035	287,840,359	1.002	250,518,485	251,169,220	1.003	537,712,520	539,009,579	1.002
2016	271,962,161	274,910,261	1.011	226,470,340	226,165,657	0.999	498,432,501	501,075,918	1.005
2017	277,254,129	278,658,271	1.005	246,467,367	247,619,407	1.005	523,721,496	526,277,678	1.005
2018	300,603,552	302,189,465	1.005	246,755,543	245,703,869	0.996	547,359,095	547,893,334	1.001
2019	321,764,023	322,746,299	1.003	296,074,699	299,747,262	1.012	617,838,722	622,493,561	1.008
2-yr avg			1.004			1.004			1.005
3-yr avg			1.004			1.004			1.005
4-yr avg			1.006			1.003			1.005
5-yr avg			1.005			1.003			1.004

North Carolina - Paid+Case

Accident Year Development Factors, Continued

Indemnity Losses									
AY	7th	8th	Dev't	7th	8th	Dev't	7th	8th	Dev't
2014	289,468,457	289,979,863	1.002	262,448,480	262,747,551	1.001	551,916,937	552,727,414	1.001
2015	287,696,319	288,266,430	1.002	250,886,529	251,216,349	1.001	538,582,848	539,482,779	1.002
2016	274,910,261	274,963,084	1.000	226,165,657	225,635,130	0.998	501,075,918	500,598,214	0.999
2017	278,658,271	279,707,811	1.004	247,619,407	229,325,455	0.926	526,277,678	509,033,266	0.967
2018	302,166,265	302,679,801	1.002	245,670,295	244,680,308	0.996	547,836,560	547,360,109	0.999
2-yr avg			1.003			0.961			0.983
3-yr avg			1.002			0.973			0.988
4-yr avg			1.002			0.980			0.992
5-yr avg			1.002			0.984			0.994
Medical Losses									
AY	8th	9th	Dev't	8th	9th	Dev't	8th	9th	Dev't
2013	293,448,510	293,703,089	1.001	263,868,435	263,822,398	1.000	557,316,945	557,525,487	1.000
2014	289,847,991	290,724,876	1.003	262,568,219	262,975,945	1.002	552,416,210	553,700,821	1.002
2015	288,266,430	289,307,302	1.004	251,216,349	249,399,525	0.993	539,482,779	538,706,827	0.999
2016	274,963,084	275,526,390	1.002	225,635,130	225,558,982	1.000	500,598,214	501,085,372	1.001
2017	279,698,811	279,385,502	0.999	229,325,024	226,054,783	0.986	509,023,835	505,440,285	0.993
2-yr avg			1.001			0.993			0.997
3-yr avg			1.002			0.993			0.998
4-yr avg			1.002			0.995			0.999
5-yr avg			1.002			0.996			0.999
Total Losses									
AY	9th	10th	Dev't	9th	10th	Dev't	9th	10th	Dev't
2012	316,012,199	316,203,291	1.001	297,406,281	297,760,327	1.001	613,418,480	613,963,618	1.001
2013	292,770,059	292,993,763	1.001	263,025,221	263,431,579	1.002	555,795,280	556,425,342	1.001
2014	290,724,876	290,907,663	1.001	262,975,945	262,874,660	1.000	553,700,821	553,782,323	1.000
2015	289,307,302	290,214,365	1.003	249,399,525	250,342,232	1.004	538,706,827	540,556,597	1.003
2016	275,526,390	275,455,368	1.000	225,558,982	226,873,231	1.006	501,085,372	502,328,599	1.002
2-yr avg			1.002			1.005			1.003
3-yr avg			1.001			1.003			1.002
4-yr avg			1.001			1.003			1.002
5-yr avg			1.001			1.003			1.001
Indemnity Losses									
AY	10th	11th	Dev't	10th	11th	Dev't	10th	11th	Dev't
2011	341,339,215	342,734,069	1.004	315,683,606	313,995,517	0.995	657,022,821	656,729,586	1.000
2012	313,927,777	314,337,372	1.001	295,707,240	295,043,763	0.998	609,635,017	609,381,135	1.000
2013	292,993,763	292,833,005	0.999	263,431,579	263,628,586	1.001	556,425,342	556,461,591	1.000
2014	290,907,663	290,972,595	1.000	262,874,660	263,546,297	1.003	553,782,323	554,518,892	1.001
2015	290,214,365	290,025,389	0.999	250,342,232	249,900,510	0.998	540,556,597	539,925,899	0.999
2-yr avg			1.000			1.001			1.000
3-yr avg			0.999			1.001			1.000
4-yr avg			1.000			1.000			1.000
5-yr avg			1.001			0.999			1.000
Medical Losses									
AY	11th	12th	Dev't	11th	12th	Dev't	11th	12th	Dev't
2010	359,515,563	361,474,522	1.005	324,204,598	324,785,069	1.002	683,720,161	686,259,591	1.004
2011	340,885,716	340,609,020	0.999	312,678,492	313,153,074	1.002	653,564,208	653,762,094	1.000
2012	314,337,372	314,142,632	0.999	295,043,763	294,288,959	0.997	609,381,135	608,431,591	0.998
2013	292,833,005	293,191,842	1.001	263,628,586	263,242,573	0.999	556,461,591	556,434,415	1.000
2014	290,972,595	290,767,160	0.999	263,546,297	263,455,512	1.000	554,518,892	554,222,672	0.999
2-yr avg			1.000			1.000			1.000
3-yr avg			1.000			0.999			0.999
4-yr avg			1.000			1.000			0.999
5-yr avg			1.001			1.000			1.000
Total Losses									
AY	12th	13th	Dev't	12th	13th	Dev't	12th	13th	Dev't
2009	356,642,091	357,205,742	1.002	306,268,791	310,100,606	1.013	662,910,882	667,306,348	1.007
2010	357,619,591	357,917,025	1.001	321,663,249	321,675,743	1.000	679,282,840	679,592,768	1.000
2011	340,609,020	340,997,275	1.001	313,153,074	313,959,001	1.003	653,762,094	654,956,276	1.002
2012	314,142,632	313,952,873	0.999	294,288,959	293,924,628	0.999	608,431,591	607,877,501	0.999
2013	293,191,842	293,300,265	1.000	263,242,573	263,770,410	1.002	556,434,415	557,070,675	1.001
2-yr avg			1.000			1.001			1.000
3-yr avg			1.000			1.001			1.001
4-yr avg			1.000			1.001			1.001
5-yr avg			1.001			1.003			1.002

North Carolina - Paid+Case

Accident Year Development Factors, Continued

Indemnity Losses				Medical Losses			Total Losses		
AY	13th	14th	Dev't	13th	14th	Dev't	13th	14th	Dev't
2008	428,728,621	429,524,416	1.002	349,208,401	349,291,508	1.000	777,937,022	778,815,924	1.001
2009	352,719,337	353,009,647	1.001	307,296,457	307,287,996	1.000	660,015,794	660,297,643	1.000
2010	357,917,025	358,458,914	1.002	321,675,743	324,837,166	1.010	679,592,768	683,296,080	1.005
2011	340,997,275	341,084,303	1.000	313,959,001	313,926,252	1.000	654,956,276	655,010,555	1.000
2012	313,952,873	313,767,156	0.999	293,924,628	293,331,399	0.998	607,877,501	607,098,555	0.999
2-yr avg			1.000			0.999			1.000
3-yr avg			1.000			1.003			1.001
4-yr avg			1.001			1.002			1.001
5-yr avg			1.001			1.002			1.001
Indemnity Losses				Medical Losses			Total Losses		
AY	14th	15th	Dev't	14th	15th	Dev't	14th	15th	Dev't
2007	406,447,857	406,255,645	1.000	363,560,211	364,143,947	1.002	770,008,068	770,399,592	1.001
2008	425,460,840	424,949,395	0.999	345,658,369	344,764,721	0.997	771,119,209	769,714,116	0.998
2009	353,009,647	353,581,376	1.002	307,287,996	307,535,369	1.001	660,297,643	661,116,745	1.001
2010	358,458,914	358,874,459	1.001	324,837,166	325,137,519	1.001	683,296,080	684,011,978	1.001
2011	341,084,303	340,630,874	0.999	313,926,252	313,879,540	1.000	655,010,555	654,510,414	0.999
2-yr avg			1.000			1.001			1.000
3-yr avg			1.001			1.001			1.000
4-yr avg			1.000			1.000			1.000
5-yr avg			1.000			1.000			1.000
Indemnity Losses				Medical Losses			Total Losses		
AY	15th	16th	Dev't	15th	16th	Dev't	15th	16th	Dev't
2006	381,990,369	382,472,005	1.001	325,534,175	324,082,103	0.996	707,524,544	706,554,108	0.999
2007	399,307,582	399,437,499	1.000	355,459,411	355,052,885	0.999	754,766,993	754,490,384	1.000
2008	424,949,395	425,171,049	1.001	344,764,721	344,438,232	0.999	769,714,116	769,609,281	1.000
2009	353,581,376	353,502,340	1.000	307,535,369	307,790,267	1.001	661,116,745	661,292,607	1.000
2010	358,874,459	359,205,253	1.001	325,137,519	331,083,244	1.018	684,011,978	690,288,497	1.009
2-yr avg			1.001			1.010			1.005
3-yr avg			1.001			1.006			1.003
4-yr avg			1.001			1.004			1.002
5-yr avg			1.001			1.003			1.002
Indemnity Losses				Medical Losses			Total Losses		
AY	16th	17th	Dev't	16th	17th	Dev't	16th	17th	Dev't
2005	374,958,521	375,058,416	1.000	351,653,819	352,548,566	1.003	726,612,340	727,606,982	1.001
2006	376,361,263	375,411,017	0.997	320,771,105	316,016,456	0.985	697,132,368	691,427,473	0.992
2007	399,437,499	399,848,271	1.001	355,052,885	355,239,580	1.001	754,490,384	755,087,851	1.001
2008	425,171,049	425,304,224	1.000	344,438,232	344,272,287	1.000	769,609,281	769,576,511	1.000
2009	353,502,340	353,798,576	1.001	307,790,267	307,917,108	1.000	661,292,607	661,715,684	1.001
2-yr avg			1.001			1.000			1.001
3-yr avg			1.001			1.000			1.001
4-yr avg			1.000			0.997			0.999
5-yr avg			1.000			0.998			0.999
Indemnity Losses				Medical Losses			Total Losses		
AY	17th	18th	Dev't	17th	18th	Dev't	17th	18th	Dev't
2004	360,274,684	360,278,281	1.000	278,613,668	278,787,194	1.001	638,888,352	639,065,475	1.000
2005	370,668,085	370,781,319	1.000	349,496,730	351,631,652	1.006	720,164,815	722,412,971	1.003
2006	375,411,017	376,984,601	1.004	316,016,456	315,769,154	0.999	691,427,473	692,753,755	1.002
2007	399,848,271	399,796,991	1.000	355,239,580	354,926,515	0.999	755,087,851	754,723,506	1.000
2008	425,304,224	425,599,599	1.001	344,272,287	343,564,489	0.998	769,576,511	769,164,088	0.999
2-yr avg			1.001			0.999			1.000
3-yr avg			1.002			0.999			1.000
4-yr avg			1.001			1.001			1.001
5-yr avg			1.001			1.001			1.001
Indemnity Losses				Medical Losses			Total Losses		
AY	18th	19th	Dev't	18th	19th	Dev't	18th	19th	Dev't
2003	331,744,997	331,401,714	0.999	272,531,446	272,517,954	1.000	604,276,443	603,919,668	0.999
2004	351,293,612	351,405,308	1.000	271,378,029	271,782,497	1.001	622,671,641	623,187,805	1.001
2005	370,781,319	370,863,306	1.000	351,631,652	351,486,915	1.000	722,412,971	722,350,221	1.000
2006	376,984,601	376,576,759	0.999	315,769,154	314,758,584	0.997	692,753,755	691,335,343	0.998
2007	399,796,991	399,288,915	0.999	354,926,515	353,712,823	0.997	754,723,506	753,001,738	0.998
2-yr avg			0.999			0.997			0.998
3-yr avg			0.999			0.998			0.999
4-yr avg			1.000			0.999			0.999
5-yr avg			0.999			0.999			0.999

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 3(c) The filer shall provide for each of the loss amounts in Sub-item (3)(b) of this Rule, paid claim counts, incurred claim counts, and outstanding claim counts.

Response

The requested claim count data are not regularly collected through the statistical plan. Incurred claim counts are available from NCCI's financial calls and are attached as Exhibit 3(c), pages 1 and 2.

The requested paid and outstanding claim count data are attached as Exhibit 3(c), page 3. The source of this data is a special North Carolina Financial Call. Caution should be used in interpreting the data shown on these exhibits. For instance, the data, as it is shown, cannot be used to make a determination on the relative frequency of claims—the data must first be developed to an ultimate basis. In addition, consideration would have to be given to matching companies, shifts in premium and loss volume and any differences in reporting methods by company. This data does not correspond to the loss amounts in the response to Item 3(b) and has not been used in any loss cost level calculations.

Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	6th Report	7th Report	8th Report	9th Report	10th Report	11th Report	12th Report	13th Report	14th Report	15th Report	16th Report	17th Report	18th Report
2007	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,673	12,678
2007	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,678	12,673	xxx
2008	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,296	11,296	xxx
2007	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,679	12,678	xxx	xxx
2008	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,288	11,291	xxx	xxx
2009	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,619	10,620	xxx	xxx
2007	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,676	12,679	xxx	xxx	xxx
2008	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,290	11,288	xxx	xxx	xxx
2009	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,620	10,619	xxx	xxx	xxx
2010	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,970	10,971	xxx	xxx	xxx
2007	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,844	12,815	xxx	xxx	xxx	xxx
2008	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,289	11,290	xxx	xxx	xxx	xxx
2009	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,633	10,620	xxx	xxx	xxx	xxx
2010	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,969	10,970	xxx	xxx	xxx	xxx
2011	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,131	11,141	xxx	xxx	xxx	xxx
2008	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,428	11,421	xxx	xxx	xxx	xxx	xxx
2009	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,637	10,633	xxx	xxx	xxx	xxx	xxx
2010	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,967	10,969	xxx	xxx	xxx	xxx	xxx
2011	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,134	11,131	xxx	xxx	xxx	xxx	xxx
2012	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,454	10,452	xxx	xxx	xxx	xxx	xxx
2009	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,760	10,762	xxx	xxx	xxx	xxx	xxx	xxx
2010	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,969	10,967	xxx	xxx	xxx	xxx	xxx	xxx
2011	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,137	11,134	xxx	xxx	xxx	xxx	xxx	xxx
2012	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,456	10,454	xxx	xxx	xxx	xxx	xxx	xxx
2013	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,423	10,427	xxx	xxx	xxx	xxx	xxx	xxx
2010	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,045	11,048	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2011	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,139	11,137	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2012	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,459	10,456	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2013	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,423	10,423	xxx	xxx	xxx	xxx	xxx	xxx	xxx
2014	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,427	10,434	xxx	xxx	xxx	xxx	xxx	xxx	xxx

Accident Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	6th Report	7th Report	8th Report	9th Report	10th Report	11th Report	12th Report	13th Report	14th Report	15th Report	16th Report	17th Report	18th Report
2007	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,525	12,519
2008	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,179	12,182
2007	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,522	12,525	xxx
2008	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,173	12,179	xxx
2009	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,489	10,493	xxx
2007	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,517	12,522	xxx	xxx
2008	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,176	12,173	xxx	xxx
2009	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,491	10,489	xxx	xxx
2010	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,970	10,971	xxx	xxx
2007	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,651	12,653	xxx	xxx
2008	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,173	12,176	xxx	xxx
2009	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,494	10,491	xxx	xxx
2010	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,971	10,970	xxx	xxx
2011	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,956	10,959	xxx	xxx
2008	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	12,327	12,320	xxx	xxx	xxx
2009	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,494	10,494	xxx	xxx	xxx
2010	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,979	10,971	xxx	xxx	xxx
2011	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,957	10,956	xxx	xxx	xxx
2012	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,784	10,787	xxx	xxx	xxx
2009	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,611	10,613	xxx	xxx	xxx	xxx	xxx
2010	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,982	10,979	xxx	xxx	xxx	xxx	xxx
2011	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,956	10,957	xxx	xxx	xxx	xxx	xxx
2012	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,789	10,784	xxx	xxx	xxx	xxx	xxx
2013	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,303	10,307	xxx	xxx	xxx	xxx	xxx
2010	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,078	11,081	xxx	xxx	xxx	xxx	xxx	xxx
2011	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,958	10,956	xxx	xxx	xxx	xxx	xxx	xxx
2012	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,791	10,789	xxx	xxx	xxx	xxx	xxx	xxx
2013	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,304	10,303	xxx	xxx	xxx	xxx	xxx	xxx
2014	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	10,484	10,491	xxx	xxx	xxx	xxx	xxx	xxx
2011	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	xxx	11,031	11,032	xxx	xxx	xxx	xxx	xxx	xxx	xxx

North Carolina Open and Closed Claim Count Data*

Policy Year

Policy Year	Paid (Closed) Claim Counts			Outstanding (Open) Claim Counts			Total Claim Counts		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Indemnity	Medical Only	Total	Indemnity	Medical Only	Total	Indemnity	Medical Only	Total
2020	10,242	24,376	34,618	207	39	246	10,449	24,415	34,864
2021	9,793	26,714	36,507	433	70	503	10,226	26,784	37,010
2022	9,267	27,233	36,500	820	125	945	10,087	27,358	37,445
2023	7,659	26,549	34,208	1,608	286	1,894	9,267	26,835	36,102
2024	4,605	23,601	28,206	4,039	1,689	5,728	8,644	25,290	33,934

Accident Year

Accident Year	Paid (Closed) Claim Counts			Outstanding (Open) Claim Counts			Total Claim Counts		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Indemnity	Medical Only	Total	Indemnity	Medical Only	Total	Indemnity	Medical Only	Total
2021	9,863	25,774	35,637	337	257	594	10,200	26,031	36,231
2022	9,590	26,671	36,261	592	357	949	10,182	27,028	37,210
2023	8,575	26,794	35,369	1,134	359	1,493	9,709	27,153	36,862
2024	6,319	25,317	31,636	2,619	735	3,354	8,938	26,052	34,990
2025	2,088	18,799	20,887	5,696	5,274	10,970	7,784	24,073	31,857

* Claim counts are not developed to an ultimate basis. For guidelines on the interpretation of this data, please see the response to Item 3(c).
PY and AY data is valued as of 12/31/2025.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 3(d) The filer shall provide at least the latest ten available policy years of the incurred loss data described in Sub-items (3)(d)(i) through (ii) of this Rule from the Unit Statistical Plan for matching policies for all pairs of successive evaluation dates. The filer shall also provide the corresponding loss development factors and five-year average factors derivable from the data.
- (i) Losses separated into indemnity and medical portions, as well as combined data;
 - (ii) Losses separated into deaths, permanent totals, major permanent partials, minor permanent partials, temporary totals, and medicals only.

Response

See attached Exhibit 3(d) for the available incurred loss data from the Workers Compensation Statistical Plan.

NORTH CAROLINA**WORKERS COMPENSATION STATISTICAL PLAN DATA****Injury Type: Fatal**

Indemnity						Medical						Combined (Indemnity + Medical)					
Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report
2014	12,090,525	12,956,565	13,233,449	13,465,455	13,330,545	2014	1,496,889	1,286,028	1,114,101	1,082,601	966,871	2014	13,587,414	14,242,593	14,347,550	14,548,056	14,297,416
2015	14,166,423	15,321,718	15,364,196	15,363,112	15,510,489	2015	1,138,388	969,668	3,410,664	2,435,374	2,248,539	2015	15,304,811	16,291,386	18,774,860	17,798,486	17,759,028
2016	15,075,531	15,100,350	15,357,004	15,629,984	15,591,624	2016	1,519,225	1,411,833	1,153,632	1,164,353	1,131,086	2016	16,594,756	16,512,183	16,510,636	16,794,337	16,722,710
2017	15,269,213	16,090,984	16,968,540	16,852,349	17,048,872	2017	3,417,386	6,736,901	4,622,757	4,605,464	4,602,521	2017	18,686,599	22,827,885	21,591,297	21,457,813	21,651,393
2018	14,083,344	14,650,137	17,636,119	15,358,874	16,908,423	2018	4,247,523	4,472,532	4,474,841	4,434,495	4,304,648	2018	18,330,867	19,122,669	22,110,960	19,793,369	21,213,071
2019	16,854,408	17,840,026	17,695,485	18,020,287	17,817,193	2019	1,395,270	15,023,280	14,954,785	15,189,885	15,593,884	2019	18,249,678	32,863,306	32,650,270	33,210,172	33,411,077
2020	18,710,476	18,471,618	20,904,293	21,379,988		2020	1,094,468	802,367	706,897	729,775		2020	19,804,944	19,273,985	21,611,190	22,109,763	
2021	23,353,023	24,116,311	25,602,662			2021	3,134,472	2,940,875	3,360,825			2021	26,487,495	27,057,186	28,963,487		
2022	22,955,929	26,619,346				2022	3,310,629	2,079,845				2022	26,266,558	28,699,191			
2023	20,677,062					2023	1,073,206					2023	21,750,268				

Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th	Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th	Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th
2014	1.072	1.021	1.018	0.990	2014	0.859	0.866	0.972	0.893	2014	1.048	1.007	1.014	0.983
2015	1.082	1.003	1.000	1.010	2015	0.852	3.517	0.714	0.923	2015	1.064	1.152	0.948	0.998
2016	1.002	1.017	1.018	0.998	2016	0.929	0.817	1.009	0.971	2016	0.995	1.000	1.017	0.996
2017	1.054	1.055	0.993	1.012	2017	1.971	0.686	0.996	0.999	2017	1.222	0.946	0.994	1.009
2018	1.040	1.204	0.871	1.101	2018	1.053	1.001	0.991	0.971	2018	1.043	1.156	0.895	1.072
2019	1.058	0.992	1.018	0.989	2019	10.767	0.995	1.016	1.027	2019	1.801	0.994	1.017	1.006
2020	0.987	1.132	1.023		2020	0.733	0.881	1.032		2020	0.973	1.121	1.023	
2021	1.033	1.062			2021	0.938	1.143			2021	1.022	1.070		
2022	1.160				2022	0.628				2022	1.093			
5-yr Avg	1.056	1.089	0.985	1.022	5-yr Avg	2.824	0.941	1.009	0.978	5-yr Avg	1.186	1.057	0.989	1.016

Injury Type: Permanent Total

Indemnity					Medical					Combined (Indemnity + Medical)							
Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report
2014	1,251,140	5,289,404	7,395,460	8,204,470	10,936,702	2014	3,668,743	13,374,417	13,763,547	10,683,207	13,473,411	2014	4,919,883	18,663,821	21,159,007	18,887,677	24,410,113
2015	3,583,075	4,728,491	6,065,840	7,766,232	8,425,849	2015	8,525,447	13,275,551	14,402,304	19,781,888	17,936,117	2015	12,108,522	18,004,042	20,468,144	27,548,120	26,361,966
2016	3,478,367	7,886,329	10,912,682	11,065,866	11,648,388	2016	15,526,902	36,837,110	38,375,321	40,367,307	40,348,112	2016	19,005,269	44,723,439	49,288,003	51,433,173	51,996,500
2017	3,591,918	7,606,605	7,414,654	7,859,876	8,466,818	2017	21,603,228	24,924,775	18,701,464	16,244,155	15,485,019	2017	25,195,146	32,531,380	26,116,118	24,104,031	23,951,837
2018	8,396,019	8,703,275	11,975,442	11,921,051	11,705,644	2018	28,366,061	32,117,367	25,008,636	24,243,521	22,285,868	2018	36,762,080	40,820,642	36,984,078	36,164,572	33,991,512
2019	7,323,852	12,754,088	18,322,735	18,180,974	18,116,756	2019	37,633,591	65,675,718	75,893,960	72,114,730	79,083,513	2019	44,957,443	78,429,806	94,216,695	90,295,704	97,200,269
2020	5,068,782	8,801,255	9,076,622	10,011,152		2020	40,756,052	52,209,891	51,800,618	52,283,516		2020	45,824,834	61,011,146	60,877,240	62,294,668	
2021	5,442,609	6,604,908	8,823,541			2021	41,824,436	48,344,027	36,093,757			2021	47,267,045	54,948,935	44,917,298		
2022	4,227,580	4,440,396				2022	30,333,140	32,664,413				2022	34,560,720	37,104,809			
2023	1,888,629					2023	22,619,295					2023	24,507,924				

Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th	Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th	Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th
2014	4.228	1.398	1.109	1.333	2014	3.646	1.029	0.776	1.261	2014	3.794	1.134	0.893	1.292
2015	1.320	1.283	1.280	1.085	2015	1.557	1.085	1.374	0.907	2015	1.487	1.137	1.346	0.957
2016	2.267	1.384	1.014	1.053	2016	2.372	1.042	1.052	1.000	2016	2.353	1.102	1.044	1.011
2017	2.118	0.975	1.060	1.077	2017	1.154	0.750	0.869	0.953	2017	1.291	0.803	0.923	0.994
2018	1.037	1.376	0.995	0.982	2018	1.132	0.779	0.969	0.919	2018	1.110	0.906	0.978	0.940
2019	1.741	1.437	0.992	0.996	2019	1.745	1.156	0.950	1.097	2019	1.745	1.201	0.958	1.076
2020	1.736	1.031	1.103		2020	1.281	0.992	1.009		2020	1.331	0.998	1.023	
2021	1.214	1.336			2021	1.156	0.747			2021	1.163	0.817		
2022	1.050				2022	1.077				2022	1.074			
5-yr Avg	1.356	1.231	1.033	1.039	5-yr Avg	1.278	0.885	0.970	0.975	5-yr Avg	1.285	0.945	0.985	0.996

NORTH CAROLINA**WORKERS COMPENSATION STATISTICAL PLAN DATA****Injury Type: Permanent Partial**

Indemnity						Medical						Combined (Indemnity + Medical)					
Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report
2014	141,899,835	284,628,473	319,322,226	330,341,201	338,335,178	2014	144,308,936	232,076,170	236,804,111	238,940,538	238,641,064	2014	286,208,771	516,704,643	556,126,337	569,281,739	576,976,242
2015	148,875,576	290,721,878	322,632,246	339,511,579	343,682,924	2015	141,369,461	213,920,517	213,153,182	217,906,584	216,212,744	2015	290,245,037	504,642,395	535,785,428	557,418,163	559,895,668
2016	142,469,433	266,095,466	302,755,322	315,948,943	318,630,394	2016	129,063,530	182,721,411	187,406,364	187,752,216	185,870,501	2016	271,532,963	448,816,877	490,161,686	503,701,159	504,500,895
2017	146,785,306	283,853,257	312,239,766	318,066,934	320,565,251	2017	136,751,265	201,082,685	200,097,308	198,417,594	195,501,011	2017	283,536,571	484,935,942	512,337,074	516,484,528	516,066,262
2018	145,550,458	294,490,987	324,523,390	335,418,785	337,437,563	2018	140,378,520	200,440,972	202,875,637	200,437,846	199,586,971	2018	285,928,978	494,931,959	527,399,027	535,856,631	537,024,534
2019	143,677,639	257,525,528	285,433,101	290,455,531	295,220,647	2019	142,980,358	180,882,022	174,371,528	171,554,703	174,469,956	2019	286,657,997	438,407,550	459,804,629	462,010,234	469,690,603
2020	134,257,867	237,687,007	260,672,324	267,759,637		2020	121,884,759	169,628,693	175,425,977	172,191,759		2020	256,142,626	407,315,700	436,098,301	439,951,396	
2021	133,523,357	244,667,896	277,763,404			2021	131,219,874	182,922,780	176,843,022			2021	264,743,231	427,590,676	454,606,426		
2022	142,386,970	262,926,806				2022	139,833,614	191,294,341				2022	282,220,584	454,221,147			
2023	138,874,546					2023	143,769,870					2023	282,644,416				

Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th	Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th	Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th
2014	2.006	1.122	1.035	1.024	2014	1.608	1.020	1.009	0.999	2014	1.805	1.076	1.024	1.014
2015	1.953	1.110	1.052	1.012	2015	1.513	0.996	1.022	0.992	2015	1.739	1.062	1.040	1.004
2016	1.868	1.138	1.044	1.008	2016	1.416	1.026	1.002	0.990	2016	1.653	1.092	1.028	1.002
2017	1.934	1.100	1.019	1.008	2017	1.470	0.995	0.992	0.985	2017	1.710	1.057	1.008	0.999
2018	2.023	1.102	1.034	1.006	2018	1.428	1.012	0.988	0.996	2018	1.731	1.066	1.016	1.002
2019	1.792	1.108	1.018	1.016	2019	1.265	0.964	0.984	1.017	2019	1.529	1.049	1.005	1.017
2020	1.770	1.097	1.027		2020	1.392	1.034	0.982		2020	1.590	1.071	1.009	
2021	1.832	1.135			2021	1.394	0.967			2021	1.615	1.063		
2022	1.847				2022	1.368				2022	1.609			
5-yr Avg	1.853	1.108	1.028	1.010	5-yr Avg	1.369	0.994	0.990	0.996	5-yr Avg	1.615	1.061	1.013	1.005

Injury Type: Temporary Total

Indemnity						Medical						Combined (Indemnity + Medical)					
Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report
2014	169,723,183	145,029,468	150,855,741	157,052,306	157,079,306	2014	214,184,470	126,423,849	118,563,600	118,529,420	114,468,751	2014	383,907,653	271,453,317	269,419,341	275,581,726	271,548,057
2015	173,600,094	142,218,902	153,916,751	154,834,477	158,523,258	2015	201,265,977	123,673,422	123,859,712	113,314,505	115,075,660	2015	374,866,071	265,892,324	277,776,463	268,148,982	273,598,918
2016	168,217,992	151,867,736	154,781,904	158,081,889	161,751,197	2016	186,191,487	121,729,795	113,020,787	114,878,876	115,091,626	2016	354,409,479	273,597,531	267,802,691	272,960,765	276,842,823
2017	178,546,905	150,782,544	162,713,616	170,573,709	175,562,047	2017	191,620,728	115,634,712	115,390,313	116,213,096	118,168,730	2017	370,167,633	266,417,256	278,103,929	286,786,805	293,730,777
2018	199,845,425	174,391,874	188,990,824	195,276,335	201,314,180	2018	205,964,132	135,487,385	135,071,117	137,615,769	134,811,134	2018	405,809,557	309,879,259	324,061,941	332,892,104	336,125,314
2019	196,351,386	199,110,116	216,478,073	229,342,223	234,163,331	2019	194,477,303	143,352,068	147,836,356	144,760,231	143,129,299	2019	390,828,689	342,462,184	364,314,429	374,102,454	377,292,630
2020	209,032,808	224,806,517	250,997,036	262,577,504		2020	211,130,871	159,202,473	154,615,545	157,863,419		2020	420,163,679	384,008,990	405,612,581	420,440,923	
2021	235,534,439	260,979,691	287,808,192			2021	234,480,411	184,669,930	179,970,755			2021	470,014,850	445,649,621	467,778,947		
2022	261,078,301	296,287,146				2022	262,682,084	215,361,126				2022	523,760,385	511,648,272			
2023	253,734,751					2023	253,971,502					2023	507,706,253				
Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th		Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th		Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th	
2014	0.855	1.040	1.041	1.000		2014	0.590	0.938	1.000	0.966		2014	0.707	0.993	1.023	0.985	
2015	0.819	1.082	1.006	1.024		2015	0.614	1.002	0.915	1.016		2015	0.709	1.045	0.965	1.020	
2016	0.903	1.019	1.021	1.023		2016	0.654	0.928	1.016	1.002		2016	0.772	0.979	1.019	1.014	
2017	0.844	1.079	1.048	1.029		2017	0.603	0.998	1.007	1.017		2017	0.720	1.044	1.031	1.024	
2018	0.873	1.084	1.033	1.031		2018	0.658	0.997	1.019	0.980		2018	0.764	1.046	1.027	1.010	
2019	1.014	1.087	1.059	1.021		2019	0.737	1.031	0.979	0.989		2019	0.876	1.064	1.027	1.009	
2020	1.075	1.117	1.046			2020	0.754	0.971	1.021			2020	0.914	1.056	1.037		
2021	1.108	1.103				2021	0.788	0.975				2021	0.948	1.050			
2022	1.135					2022	0.820					2022	0.977				
5-yr Avg	1.041	1.094	1.041	1.026		5-yr Avg	0.751	0.994	1.008	1.001		5-yr Avg	0.896	1.052	1.028	1.015	

NORTH CAROLINA**WORKERS COMPENSATION STATISTICAL PLAN DATA****Injury Type: Medical Only**

Indemnity						Medical						Combined (Indemnity + Medical)					
Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report
2014	0	0	0	0	0	2014	54,240,535	50,822,979	50,225,736	49,848,842	49,804,651	2014	54,240,535	50,822,979	50,225,736	49,848,842	49,804,651
2015	0	0	0	0	0	2015	51,276,513	48,540,794	48,004,252	48,012,558	48,057,707	2015	51,276,513	48,540,794	48,004,252	48,012,558	48,057,707
2016	0	0	0	0	0	2016	51,994,730	49,168,292	49,115,421	48,780,792	48,885,780	2016	51,994,730	49,168,292	49,115,421	48,780,792	48,885,780
2017	0	0	0	0	0	2017	53,443,382	50,834,501	50,499,495	50,555,256	50,882,790	2017	53,443,382	50,834,501	50,499,495	50,555,256	50,882,790
2018	0	0	0	0	0	2018	57,184,465	53,176,429	52,870,505	53,107,027	53,119,390	2018	57,184,465	53,176,429	52,870,505	53,107,027	53,119,390
2019	0	0	0	0	0	2019	49,447,324	47,295,654	46,763,040	46,575,524	46,389,924	2019	49,447,324	47,295,654	46,763,040	46,575,524	46,389,924
2020	0	0	0	0	0	2020	48,440,323	45,961,357	45,417,479	45,329,631		2020	48,440,323	45,961,357	45,417,479	45,329,631	
2021	0	0	0			2021	53,007,892	49,613,627	48,770,466			2021	53,007,892	49,613,627	48,770,466		
2022	0	0				2022	56,218,862	52,871,527				2022	56,218,862	52,871,527			
2023	0					2023	59,275,647					2023	59,275,647				

Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th	Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th	Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th
2014	-	-	-	-	2014	0.937	0.988	0.992	0.999	2014	0.937	0.988	0.992	0.999
2015	-	-	-	-	2015	0.947	0.989	1.000	1.001	2015	0.947	0.989	1.000	1.001
2016	-	-	-	-	2016	0.946	0.999	0.993	1.002	2016	0.946	0.999	0.993	1.002
2017	-	-	-	-	2017	0.951	0.993	1.001	1.006	2017	0.951	0.993	1.001	1.006
2018	-	-	-	-	2018	0.930	0.994	1.004	1.000	2018	0.930	0.994	1.004	1.000
2019	-	-	-	-	2019	0.956	0.989	0.996	0.996	2019	0.956	0.989	0.996	0.996
2020	-	-	-		2020	0.949	0.988	0.998		2020	0.949	0.988	0.998	
2021	-	-			2021	0.936	0.983			2021	0.936	0.983		
2022	-				2022	0.940				2022	0.940			
5-yr Avg	-	-	-	-	5-yr Avg	0.942	0.989	0.998	1.001	5-yr Avg	0.942	0.989	0.998	1.001

Injury Type: Total - All Injury Types

Indemnity						Medical						Combined (Indemnity + Medical)					
Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report	Policy Year	1st Report	2nd Report	3rd Report	4th Report	5th Report
2014	324,964,683	447,903,910	490,806,876	509,063,432	519,681,731	2014	417,899,573	423,983,443	420,471,095	419,084,608	417,354,748	2014	742,864,256	871,887,353	911,277,971	928,148,040	937,036,479
2015	340,225,168	452,990,989	497,979,033	517,475,400	526,142,520	2015	403,575,786	400,379,952	402,830,114	401,450,909	399,530,767	2015	743,800,954	853,370,941	900,809,147	918,926,309	925,673,287
2016	329,241,323	440,949,881	483,806,912	500,726,682	507,621,603	2016	384,295,874	391,868,441	389,071,525	392,943,544	391,327,105	2016	713,537,197	832,818,322	872,878,437	893,670,226	898,948,708
2017	344,193,342	458,333,390	499,336,576	513,352,868	521,642,988	2017	406,835,989	399,213,574	389,311,337	386,035,565	384,640,071	2017	751,029,331	857,546,964	888,647,913	899,388,433	906,283,059
2018	367,875,246	492,236,273	543,125,775	557,975,045	567,365,810	2018	436,140,701	425,694,685	420,300,736	419,838,658	414,108,011	2018	804,015,947	917,930,958	963,426,511	977,813,703	981,473,821
2019	364,207,285	487,229,758	537,929,394	555,999,015	565,317,927	2019	425,933,846	452,228,742	459,819,669	450,195,073	458,666,576	2019	790,141,131	939,458,500	997,749,063	1,006,194,088	1,023,984,503
2020	367,069,933	489,766,397	541,650,275	561,728,281		2020	423,306,473	427,804,781	427,966,516	428,398,100		2020	790,376,406	917,571,178	969,616,791	990,126,381	
2021	397,853,428	536,368,806	599,997,799			2021	463,667,085	468,491,239	445,038,825			2021	861,520,513	1,004,860,045	1,045,036,624		
2022	430,648,780	590,273,694				2022	492,378,329	494,271,252				2022	923,027,109	1,084,544,946			
2023	415,174,988					2023	480,709,520					2023	895,884,508				

Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th		Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th		Policy Year	1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th	
2014	1.378	1.096	1.037	1.021		2014	1.015	0.992	0.997	0.996		2014	1.174	1.045	1.019	1.010	
2015	1.331	1.099	1.039	1.017		2015	0.992	1.006	0.997	0.995		2015	1.147	1.056	1.020	1.007	
2016	1.339	1.097	1.035	1.014		2016	1.020	0.993	1.010	0.996		2016	1.167	1.048	1.024	1.006	
2017	1.332	1.089	1.028	1.016		2017	0.981	0.975	0.992	0.996		2017	1.142	1.036	1.012	1.008	
2018	1.338	1.103	1.027	1.017		2018	0.976	0.987	0.999	0.986		2018	1.142	1.050	1.015	1.004	
2019	1.338	1.104	1.034	1.017		2019	1.062	1.017	0.979	1.019		2019	1.189	1.062	1.008	1.018	
2020	1.334	1.106	1.037			2020	1.011	1.000	1.001			2020	1.161	1.057	1.021		
2021	1.348	1.119				2021	1.010	0.950				2021	1.166	1.040			
2022	1.371					2022	1.004					2022	1.175				
5-yr Avg	1.346	1.104	1.032	1.016		5-yr Avg	1.013	0.986	0.996	0.998		5-yr Avg	1.167	1.049	1.016	1.009	

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 3(e) The filer shall provide for each of the loss amounts in Sub-item (3)(d) of this Rule the corresponding incurred claim counts and for each of the policy years in Sub-item (3)(d) of this Rule the aggregate earned exposures. Where small claims are reported in bulk, the filer shall provide such information as accurately as possible, given the imprecision inherent in such aggregate data.

Response

See attached Exhibit 3(e).

NORTH CAROLINA**WORKERS COMPENSATION STATISTICAL PLAN DATA****Aggregate Earned Exposures By Policy Year**

<u>Policy Year</u>	<u>Payroll</u>	<u>Std Earned Premium</u>
2014	128,004,922,058	2,302,656,560
2015	136,491,967,126	2,435,509,371
2016	143,499,321,024	2,379,064,805
2017	152,024,433,884	2,268,370,438
2018	161,374,338,658	2,172,144,248
2019	171,754,805,733	1,997,854,366
2020	181,586,670,384	1,852,319,848
2021	206,230,315,673	1,955,098,238
2022	231,082,965,448	2,035,216,686
2023	244,595,574,285	2,060,398,172

Incurred Claim Counts By Injury Type**Fatal**

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
2014	56	56	59	60	60
2015	66	69	70	72	72
2016	67	70	71	73	73
2017	68	75	78	78	78
2018	56	64	65	65	67
2019	67	72	71	72	74
2020	63	67	69	71	
2021	75	75	79		
2022	84	96			
2023	72				

Permanent Total

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
2014	5	22	30	32	35
2015	13	22	26	32	34
2016	18	29	37	37	37
2017	19	20	22	22	23
2018	26	31	33	33	35
2019	19	22	26	26	26
2020	13	16	15	15	
2021	12	14	14		
2022	8	9			
2023	6				

Permanent Partial

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
2014	5,943	8,864	9,125	9,179	9,226
2015	5,919	8,848	9,016	9,116	9,133
2016	5,754	8,291	8,598	8,653	8,652
2017	5,597	8,346	8,551	8,526	8,508
2018	5,665	8,369	8,463	8,473	8,461
2019	5,293	7,047	7,085	7,097	7,124
2020	4,660	6,269	6,325	6,316	
2021	4,467	6,177	6,297		
2022	4,502	6,238			
2023	4,264				

Temporary Total

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
2014	11,059	8,744	8,581	8,561	8,522
2015	11,194	8,880	8,801	8,708	8,707
2016	11,346	9,344	9,168	9,170	9,147
2017	11,813	9,620	9,562	9,570	9,597
2018	12,133	10,027	9,990	9,984	10,005
2019	11,332	10,073	10,110	10,120	10,122
2020	11,966	10,882	10,918	10,961	
2021	12,808	11,719	11,743		
2022	12,901	11,843			
2023	12,055				

Medical Only

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
2014	54,553	55,090	55,165	55,193	55,213
2015	55,105	55,724	55,865	55,905	55,903
2016	55,263	55,667	55,720	55,692	55,730
2017	55,549	55,905	55,867	55,912	55,900
2018	55,102	55,440	55,554	55,580	55,590
2019	48,949	49,281	49,392	49,417	49,402
2020	43,843	44,209	44,297	44,310	
2021	47,121	47,546	47,630		
2022	47,747	48,125			
2023	48,128				

Total - All Injury Types

<u>Policy Year</u>	<u>1st Report</u>	<u>2nd Report</u>	<u>3rd Report</u>	<u>4th Report</u>	<u>5th Report</u>
2014	71,616	72,776	72,960	73,025	73,056
2015	72,297	73,543	73,778	73,833	73,849
2016	72,448	73,401	73,594	73,625	73,639
2017	73,046	73,966	74,080	74,108	74,106
2018	72,982	73,931	74,105	74,135	74,158
2019	65,660	66,495	66,684	66,732	66,748
2020	60,545	61,443	61,624	61,673	
2021	64,483	65,531	65,763		
2022	65,242	66,311			
2023	64,525				

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 3(f) The filer shall provide for each of the policy periods in Sub-items (3)(b) and (3)(d) of this Rule the law amendment factors for adjusting past losses to current benefit levels.

Response

See attached Exhibit 3(f).

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 3(g) The filer shall include a description of the reasons for the difference between the policy year data provided in response to Sub-items (3)(b) and (3)(c) of this Rule and those provided in response to Sub-items (3)(d) and (3)(e) of this Rule.

Response

Listed below are several reasons for the difference between the policy year data from the financial calls provided in response to Items (3)(b) and (3)(c) and the Workers Compensation Statistical Plan (WCSP) data provided in response to Items (3)(d) and (3)(e).

Evaluation Dates:

All policies included in the financial data are evaluated as of December 31 of each year, regardless of the actual effective dates of the individual policies whose combined experience is being reported. Therefore, for a given year, the reported financial data is comprised of individual policy experience at differing maturity levels.

Each policy reported in the workers compensation statistical plan is at a date corresponding to its own expiration date—six months after expiration, 18 months, etc. This means that a policy effective on January 1 of a given year would first be evaluated at July 1 of the next year; and a policy effective on October 1 of that year would be first evaluated as of April 1 of the year following its expiration.

Matching companies:

The set of companies that may be missing for a given set of matching financial reports is not necessarily identical to individual matching units that may be missing. In each case, the maximum amount of data possible is retained for the calculation of development factors.

Validation and edit criteria:

The validation and edit criteria used on the financial calls is not necessarily identical to that used on the WCSP data. In each case, the validation and edit criteria used are designed to ensure the highest possible degree of data quality.

Pension reserve discounting:

These reserves are required to be discounted at 3.5% in the WCSP data but do not have to be discounted at this rate in the financial data.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 4 Trending factor development and application
- 4(a) The filer shall provide all information related to the derivation of all trend factors contained in the filing including the following:
- (i) A description of all data reviewed;
 - (ii) A complete description of the methodology used to derive these factors;
 - (iii) A description of alternative methodologies used in the last three years;
 - (iv) A description of the criteria used to select a methodology;
 - (v) Specific details on the application of these criteria in the selection of a methodology for this filing;
 - (vi) Details on the application of the methodology to this filing.

Response

- 4(a)
- (i) See Exhibits RB-1, RB-3, RB-4 and the response to 11 NCAC 10.1111(2).
 - (ii) See Exhibits RB-1, RB-3, RB-4 and the response to 11 NCAC 10.1111(2).
 - (iii) The trend factors used in the filing were judgmentally selected based on a collective review of the results of various trend indications and other considerations. The trend factors used in the previous three filings were similarly judgmentally selected based on a review of various trends and other considerations, though the trends displayed varied. See also the response to 11 NCAC 10.1111(2).
 - (iv) See Exhibits RB-1, RB-3, RB-4 and the response to 11 NCAC 10.1111(2).
 - (v) See Exhibits RB-1, RB-3, RB-4 and the response to 11 NCAC 10.1111(2).
 - (vi) See Exhibits RB-1, RB-3, RB-4 and the response to 11 NCAC 10.1111(2).

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

4(b) The filer shall calculate the following trend factors:

- (i) Indemnity and medical trend factors based on the latest eight available policy years and accident years of North Carolina paid and paid plus case data;
- (ii) Indemnity and medical trend factors based on the latest eight available policy years and accident years of multi-state paid and paid plus case data.

Response

- (i) See Exhibit RB-1, Appendix A-III of the filing for the selected policy year paid and paid plus case trend factors. Please note that due to the nature of the financial calls, accident year trend factors based on eight years of data are not available.

Annual trends based on exponential curves fit to the latest available eight policy years of paid loss ratio data are 0.952 (-4.8%) and 0.932 (-6.8%) for indemnity and medical, respectively.

Annual trends based on exponential curves fit to the latest available eight policy years of paid plus case loss ratio data are 0.948 (-5.2%) and 0.929 (-7.1%) for indemnity and medical, respectively.

- (ii) Multi-state trend factors based on the latest eight policy years and accident years of paid and paid + case data are not readily available. See attached Exhibit 4(b), which contains the available trend factors based on multi-state data. The multi-state trend factors are computed as premium-weighted averages of the annual trend factors filed in the specified jurisdictions. As seen in Exhibit 4(b), the average indemnity trend factor is 0.956 (-4.4%), while the average medical trend factor is 0.948 (-5.2%).

NATIONAL COUNCIL ON COMPENSATION INSURANCE, INC.
FILED ANNUAL LOSS RATIO TRENDS
BASED ON FILINGS EFFECTIVE IN 2026

<u>State</u>	<u>Indemnity</u>	<u>Medical</u>
ALABAMA	0.950	0.955
ALASKA	0.940	0.950
ARIZONA	0.950	0.945
ARKANSAS	0.955	0.950
COLORADO	0.955	0.935
CONNECTICUT	0.960	0.940
DISTRICT OF COLUMBIA	0.965	0.950
FLORIDA	0.955	0.955
GEORGIA	0.935	0.940
HAWAII	1.000	1.000
IDAHO	0.955	0.945
ILLINOIS	0.965	0.945
INDIANA	0.955	0.950
IOWA	0.955	0.965
KANSAS	0.965	0.960
KENTUCKY	0.950	0.940
LOUISIANA	0.945	0.965
MAINE	0.945	0.950
MARYLAND	0.940	0.935
MISSISSIPPI	0.955	0.940
MISSOURI	0.970	0.970
MONTANA	0.975	0.950
NEBRASKA	0.960	0.960
NEVADA	1.000	0.970
NEW HAMPSHIRE	0.960	0.945
NEW MEXICO	0.955	0.935
OKLAHOMA	0.950	0.950
OREGON	0.970	0.950
RHODE ISLAND	0.960	0.935
SOUTH CAROLINA	0.965	0.950
SOUTH DAKOTA	0.965	0.970
TENNESSEE	0.960	0.940
TEXAS	0.940	0.925
UTAH	0.955	0.950
VERMONT	0.975	0.955
VIRGINIA	0.953	0.946
<u>WEST VIRGINIA</u>	<u>0.930</u>	<u>0.940</u>
All States Average	0.956	0.948

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 5 Changes in premium base and exposures. The filer shall provide or estimate the following information on exposure trends:
- (a) The statewide average weekly wage for the latest five available calendar years;
 - (b) The statewide average weekly wage for the latest ten available policy years without the application of a payroll limitation;
 - (c) The statewide average weekly wage for the latest ten available policy years after the application of a payroll limitation; and
 - (d) The estimated statewide average weekly wage for the calendar and policy years during which the rates will be in effect.

Response

See attached Exhibit 5.

In addition to the traditional growth in the statewide average weekly wage (AWW) that may be expected to occur each year, the observed 2019-to-2020 and 2020-to-2021 AWW changes were also impacted by COVID-19-related shifts in employment across industry sectors. While a change in industry-sector mix occurs to a small degree each year, its impact on the 2020 and 2021 AWW changes was unusually large, due to pandemic related job losses in relatively low wage industries. Therefore, in this year's ratemaking analysis the 2020 and 2021 AWW values continue to be adjusted to exclude the estimated impact of the pandemic-related industry sector mix change as was the case in prior filings. These adjustments are reflected in Exhibit 5, and in the frequency and severity values shown in Appendix A-III of the loss cost filing. The impact of industry-sector mix changes on the 2022 AWW change was less atypical than what was observed in 2020 and 2021. As such, the 2022 and subsequent AWW values have not been modified to exclude the impact of industry-sector mix changes.

Since there have been no payroll limitations in North Carolina in the past ten years, the response to (b) and (c) will be the same.

The policy year data is calculated using a weighted average of the calendar year data.

NORTH CAROLINA

Average Weekly Wages[^]

Calendar Year

2021	1140	
2022	1224	
2023	1271	
2024	1330	
2025	1388	*
2026	1453	*
2027	1502	*
2028	1542	*

Policy Year

2015	901	
2016	922	
2017	957	
2018	991	
2019	1034	
2020	1097	
2021	1174	
2022	1243	
2023	1295	
2024	1354	*
2025	1415	*
2026	1473	*
2027	1518	*

[^] Based on data received from the Quarterly Census of Employment and Wages.

* Estimated.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 6 Limiting factor development and application. The filer shall provide information on the following items:
- (a) Limitations on losses included in the statistical data used in the filing;
 - (b) Limitations on the extent of the rate or loss costs level change;
 - (c) Limitations on the extent of classification rate or loss costs changes; and
 - (d) Any other limitations applied.

Response

- (a) See Exhibit RB-1, Appendix B-I.
- (b) See Exhibits RB-1, RB-3, and RB-4.
- (c) See Exhibit RB-1, Appendix B-III.
- (d) None.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

7 The percent rate or loss costs change:

(a) The filer shall provide the overall statewide rate or loss costs change, as well as the amount of the change attributable to each of the following: loss experience, a modification of the trend factor, law amendments, a change in the loss-based assessment provision, and any other factors.

(b) The filer shall provide the rate or loss costs changes for each industry group and for each classification.

Response

(a) The components of the proposed overall statewide changes are as follows:

Change in loss experience	0.895
Change in trend	0.989
Change in benefits	1.007
Change in loss-based expense provisions	<u>1.003</u>

Overall Statewide Loss Costs change	0.894
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Change in the assigned risk loss cost multiplier	<u>0.959</u>
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Overall Statewide Assigned Risk Rate change	0.857
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(b) See RB-1, Exhibit I and RB-1, Appendix E.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 8 For assigned risk rate filings, the filer shall include support for a reasonable margin for underwriting profit and contingencies and investment income, including realized capital gains.

Response

This item is not applicable to the loss cost filing.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 9 For assigned risk rate filings, the filer shall provide investment earnings on capital and surplus. Given the selected underwriting profit and contingencies provision contained in the filing, the filer shall include the resulting rates of return (including consideration of investment income) on equity capital, on statutory surplus, and on total assets. The filer shall show the derivation of all factors used in producing these calculations and justify the fairness and reasonableness of these rates of return.

Response

This item is not applicable to the loss cost filing.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

10 As required by G.S. 58-36-15, the filer shall:

10(a) Provide information on the following aspects of workers compensation individual risk rating plans, including an explanation of their purpose and a detailed description of their derivation:

(i) For experience rating plans, the table of expected loss rate and discount ratios and the table of weighting and ballast values.

(ii) For retrospective rating plans, the table of insurance charges, multipliers (including the derivation of any assigned risk subsidy), and the table of excess loss factors.

Response

(i) See attached Exhibit 10(a)(i), RB-1, and Exhibit III.

(ii) See attached Exhibit 10(a)(ii) and Exhibit III items RR1-RR2 of the Loss Cost Filing. For the complete Table of Aggregate Loss Factors (formerly Table of Insurance Charges), please refer to the ***Retrospective Rating Plan Manual***. In the Assigned Risk filing, the tax multiplier covers licenses, fees, assessments and taxes that the insurance carrier must pay on its collected premium. For voluntary business, each carrier calculates its own tax multiplier.

Expected Loss Rates, Discount Ratios, and Weighting and Ballast Values

Expected Loss Rates

An expected loss rate (ELR) estimates the average expected loss level of a classification for the experience rating period. An ELR is a statewide rate that gets applied to payroll in hundreds to estimate the expected losses for a risk. These expected losses are compared with the actual losses of a risk during the experience rating period and used in the calculation of the experience modification (the "mod"). This North Carolina filing, proposed effective 4/1/2027, contains ELRs that will be used to estimate losses during the 4/1/2023 to 3/31/2026 time period for experience ratings to be issued between 4/1/2027 and 3/31/2028.

In the experience mod calculation, expected losses and actual losses must be at the same level to enable an "apples to apples" comparison. The actual losses reflect the statewide data during the experience rating period. Since the proposed loss costs are calculated to reflect the average loss levels of the proposed effective rating period, "unwinding" the proposed loss costs to the experience rating period can derive the ELR. This unwinding is accomplished through the application of ELR factors to the proposed underlying pure premiums. These ELR factors remove effects of development, benefit changes, trend, loss-based expenses, experience, assigned risk programs and any other factors that should not be reflected in the expected losses. The resulting total pure premium (after application of the ELR factors) is multiplied by the manual to earned ratio to derive the ELR for each classification.

Attached, immediately following the text of this memorandum, is an exhibit detailing the ELR factor calculation.

Average development, benefits, trend, and loss-based expenses:

The left half of the attached exhibit calculates the factors needed to remove the effects of development to ultimate, benefit changes, trend, etc. from the proposed underlying pure premiums. These factors are weighted with the latest three reports of statistical plan data to adjust the proposed underlying pure premiums by indemnity and medical.

Experience adjustment factor:

The proposed underlying pure premiums reflect the expected experience level for the proposed loss cost effective period. An experience adjustment factor is applied so the ELRs will reflect the expected experience level of the experience rating time period.

ELR composite factor:

The ELR composite factor removes offsets or assigned risk impacts from the proposed underlying pure premiums to bring them to a statewide level. For example, an offset for the change in assigned risk programs would be removed in this step.

Adjustment for Excess Provision and Undeveloped Loss Layer Between Ratemaking Limit and State Accident Limit:

These factors are applied to recognize the fact that limited losses are used in calculating the experience mod, but the underlying pure premiums reflect unlimited losses.

Discount Ratios

In experience rating, losses are divided into primary and excess portions. The discount ratio (D-ratio) represents the average ratio of expected "primary" losses to expected total losses for a classification. The function of the d-ratio is to determine what portion of the expected loss shall enter the experience mod calculation as the primary loss.

Under the Experience Rating Plan, a specific fixed dollar amount (called the "split point") is considered to be the primary portion of any loss that exceeds this amount. For a loss less than or equal to the split point, the entire loss is considered primary. Prior to 4/1/2024, and in accordance with Item filing E-1402, the split point was adjusted for inflation over time. Starting with the 4/1/2024 filing, the split point is a state-specific value that is calculated to reflect an average D-ratio of approximately 0.40. The below table provides historical split point values in North Carolina.

Date	Split Point
Prior to 4/1/13	\$5,000
Effective 4/1/13	\$10,000
Effective 4/1/14	\$13,500
Effective 4/1/15	\$15,500
Effective 4/1/16	\$16,000
Effective 4/1/17	\$16,500
Effective 4/1/18	\$16,500
Effective 4/1/19	\$17,000
Effective 4/1/20	\$17,500
Effective 4/1/21	\$18,000
Effective 4/1/22	\$18,500
Effective 4/1/23	\$18,500
Effective 4/1/24	\$25,000
Effective 4/1/25	\$25,500
Effective 4/1/26	\$26,000
Effective 4/1/27	\$26,500

D-ratios are calculated by hazard group, and they represent the percentage of each type of loss that is considered primary. These ratios of primary to total losses are based on the latest three years of statistical plan data. A comparison of the resulting D-ratios across hazard groups is done to ensure that the factors monotonically decrease from hazard group A to hazard group G. If they do not, an adjustment is made by averaging the D-ratios over adjacent hazard groups.

The final D-ratio for each hazard group is calculated as follows:

$$\text{D-ratio for each HG} = \text{HG Primary Total Losses} / \text{HG Limited Total Losses}$$

Weighting and Ballast Values

The weighting value (W) and ballast value (B) influence the degree to which an employer's actual losses impact the experience rating modification for employers of various sizes - generally described as excess loss credibility - and are governed by the formulas in Item E-1409.

One element of these formulas is the G-value, which represents the state average claim severity in thousands of dollars and reflects the state accident limitation and the reduction of medical only losses. The state accident limit is used to curtail the impact of large claims on the experience modification and is based on a state-level 95th percentile of lost-time claims so that the limitation is expected to impact the largest 5% of lost-time claims.

The values for W and B are such that larger employers receive higher excess loss credibility in their experience modification calculation than smaller employers.

The ballast value is a stabilizing value designed to control the effect of actual loss experience on the experience rating modification. It is added to both the numerator and denominator in the experience modification calculation and increases as expected losses increase.

The weighting value for various levels of expected losses is provided in the Table of Weighting Values.

The ballast value for various levels of expected losses is provided in the Table of Ballast Values.

ELR FACTOR CALCULATION

With Medical Adjustment

Exp Rating 3rd rpt 04/01/23	WCSP 3rd rpt Losses	3:U Devel.*	Ultimate Losses	Amend. Factor	On-Level Losses	Trend Factor (11)*4	Trended Losses
Fatal Likely	1,668,241	1.115	1,860,089	1.000	1,860,089	0.815	1,515,973
Permanent Total	1,930,840	1.115	2,152,887	1.000	2,152,887	0.815	1,754,603
Permanent Partial Likely	83,150,753	1.115	92,713,090	1.000	92,713,090	0.815	75,561,168
Temporary Total Likely	84,971,362	1.115	94,743,069	1.000	94,743,069	0.815	77,215,601
Likely	171,721,196	1.115	191,469,135	1.000	191,469,135	0.815	156,047,345
Fatal Not Likely	21,766,856	1.055	22,964,033	1.000	22,964,033	0.815	18,715,687
Permanent Partial Not Likely	185,441,076	1.055	195,640,335	1.000	195,640,335	0.815	159,446,873
Temporary Total Not Likely	194,320,620	1.055	205,008,254	1.000	205,008,254	0.815	167,081,727
Not-Likely	401,528,552	1.055	423,612,622	1.000	423,612,622	0.815	345,244,287
Medical Likely	95,146,734	0.993	94,480,707	1.023	96,653,763	0.815	78,772,817
Medical Not Likely	276,171,088	0.994	274,514,061	1.023	280,827,884	0.815	228,874,725
Medical	371,317,822	0.994	368,994,768	1.023	377,481,647	0.815	307,647,542
Exp Rating 2nd rpt 04/01/24	WCSP 2nd rpt Losses	2:U Devel.*	Ultimate Losses	Amend. Factor	On-Level Losses	Trend Factor (11)*3	Trended Losses
Fatal Likely	2,228,775	1.266	2,821,629	1.000	2,821,629	0.857	2,418,136
Permanent Total	804,638	1.266	1,018,672	1.000	1,018,672	0.857	873,002
Permanent Partial Likely	77,342,983	1.266	97,916,216	1.000	97,916,216	0.857	83,914,197
Temporary Total Likely	81,255,879	1.266	102,869,943	1.000	102,869,943	0.857	88,159,541
Likely	161,632,275	1.266	204,626,460	1.000	204,626,460	0.857	175,364,876
Fatal Not Likely	22,672,920	1.137	25,779,110	1.000	25,779,110	0.857	22,092,697
Permanent Partial Not Likely	177,775,445	1.137	202,130,681	1.000	202,130,681	0.857	173,225,994
Temporary Total Not Likely	208,053,978	1.137	236,557,373	1.000	236,557,373	0.857	202,729,669
Not Likely	408,502,343	1.137	464,467,164	1.000	464,467,164	0.857	398,048,360
Medical Likely	104,284,842	0.973	101,469,151	1.017	103,194,127	0.857	88,437,367
Medical Not Likely	289,757,973	0.982	284,542,329	1.017	289,379,549	0.857	247,998,273
Medical	394,042,815	0.980	386,011,480	1.017	392,573,676	0.857	336,435,640
Exp Rating 1st rpt 04/01/25	WCSP 1st rpt Losses	1:U Devel.*	Ultimate Losses	Amend. Factor	On-Level Losses	Trend Factor (11)*2	Trended Losses
Fatal Likely	0	1.998	0	1.000	0	0.903	0
Permanent Total	558,630	1.998	1,116,143	1.000	1,116,143	0.903	1,007,877
Permanent Partial Likely	29,313,331	1.998	58,568,035	1.000	58,568,035	0.903	52,886,936
Temporary Total Likely	64,362,831	1.998	128,596,936	1.000	128,596,936	0.903	116,123,033
Likely	94,234,792	1.998	188,281,114	1.000	188,281,114	0.903	170,017,846
Fatal Not Likely	19,259,009	1.446	27,848,527	1.000	27,848,527	0.903	25,147,220
Permanent Partial Not Likely	104,499,054	1.446	151,105,632	1.000	151,105,632	0.903	136,448,386
Temporary Total Not Likely	181,374,513	1.446	262,267,546	1.000	262,267,546	0.903	236,827,594
Not Likely	305,132,576	1.446	441,221,705	1.000	441,221,705	0.903	398,423,200
Medical Likely	95,750,507	0.981	93,931,247	1.004	94,306,972	0.903	85,159,196
Medical Not Likely	299,844,988	0.952	285,452,429	1.004	286,594,239	0.903	258,794,598
Medical	395,595,495	0.959	379,383,676	1.004	380,901,211	0.903	343,953,794
Injury Type	Development	x Benefit	x Trend	x(LBP)	= Total	Reciprocal	
Indemnity	1.240	1.000	0.859	1.205	1.284	0.779	
Medical	0.977	1.015	0.858	1.205	1.025	0.976	
Total	1.127	1.005	0.859	1.205	1.172	0.853	

* Development factor limited at \$500,000.

NORTH CAROLINA

04/01/27
1st Report WCSP Start: Jan-23
1st Report WCSP End: Dec-23

	Indemnity	Medical				
1.) Reciprocal Weighted Averages	0.779	0.976				
Medical Adjustment Factor		0.890				
Final Weighted Averages	0.779	0.869				
		Overall				
2.) Experience Adjustment Factor		1.336				
3.) ELR Composite Factor (a)x(b)		1.000				
(a) Adjustment Factor Unlikely to Appear		1.0000				
(b) Change in MPM and Other Adjustments (Mult.)		1.000				
4.) Adjustment to Target Off-Balance (Mult.)		1.000				
5.) Avg. ELR Factor with No Medical Adjustment	Indemnity	Medical				
Avg. ELR Factor with Medical Adjustment	1.041	1.304				
[(1)x(2)/(3)x(4)]	1.041	1.161				
Undeveloped Loss Layer Between Ratemaking Limit and SAL						
HG A	HG B	HG C	HG D	HG E	HG F	HG G
0.823	0.784	0.730	0.704	0.625	0.576	0.522
1.000	1.000	1.000	1.000	1.000	1.000	1.000
1.000	1.000	1.000	1.000	1.000	1.000	1.000
1.000	1.000	1.000	1.000	1.000	1.000	1.000
nt Factors						
1.000	1.000	1.000	1.000	1.000	1.000	1.000
1.000	1.000	1.000	1.000	1.000	1.000	1.000
nt Factors						
1.000	1.000	1.000	1.000	1.000	1.000	1.000
1.000	1.000	1.000	1.000	1.000	1.000	1.000
0.857	0.816	0.760	0.733	0.651	0.600	0.543
0.956	0.910	0.848	0.817	0.726	0.669	0.606
.205						
0000						
0000						
0000						
.950						
.950						

Table of Aggregate Loss Factors (Formerly the Table of Insurance Charges)

What is the Table of Aggregate Loss Factors?

Items R-1414 and R-1414-A introduce the Table of Aggregate Loss Factors, which replaced the Table of Insurance Charges, effective January 1st, 2019. This table is the source of the "aggregate excess loss factors" and "aggregate minimum loss factors," formerly known as "insurance charges and savings," used in the retrospective rating plans.

On a voluntary basis, the policyholder is hoping to reap the benefit of good experience at the risk of bearing the costs of possible bad experience within the limits of the plan. A retrospective rating plan responds to policyholder's loss experience by adjusting the final premium on the basis of this experience, subject to certain restrictions agreed upon in the policy at issuance. One important restriction is the limitation of the final premium to a maximum amount. When the policyholder chooses a maximum premium, the insurance company will then use an estimated average cost for the expected dollars above this maximum.

This type of limitation makes it possible for a policyholder to purchase a retrospectively rated policy, even if the policyholder cannot afford to pay for extremely adverse experience. The Table of Aggregate Loss Factors tabulates these average costs.

Many retrospectively rated plans also have a minimum premium set above the costs of servicing the policy. In this case, there will be an average credit in the premium of the insured because some policyholders will have losses below the minimum, resulting in a net savings to the insurer. This savings is distributed equitably to all plan participants. In addition to being the source of the aggregate excess loss factors, the Table is also the source of determining the aggregate minimum loss factors. An aggregate minimum loss factor is used to adjust the retrospective premium to account for the possibility that the premium will be capped at the minimum amount. It is common for a retrospectively rated policy to include both a maximum and a minimum premium amount, in which case a net aggregate loss factor is determined.

On average, it is expected that the losses paid by the policyholder plus the premium generated from the aggregate excess loss factor will sum to total expected losses. Although this may not always work perfectly due to the variability of actual losses for an individual insured, across a large portfolio of insureds, the expected retrospective premium equals guaranteed cost premium. This is called a balanced plan.

Why do we need aggregate excess loss factors?

Essentially, this question has to be answered in two steps:

- a) There is a need for retrospectively rated policies in the insurance marketplace.
- b) Although the policyholder may wish to pay his/her own losses within limits, he/she may not have the financial reserves to retain unlimited loss potential.

The first point is discussed in many places in the standard insurance literature. Some policyholders simply would like to pay for their own costs to the greatest extent possible without relying on industry rates. Others have a more specific reason—such as a belief that their safety program will produce superior results.

Few corporate entities are strong enough to retain unlimited exposure to loss. Even large insurance companies buy reinsurance to further spread the risk. Limiting the loss ratio in a retrospectively rated policy, and accounting for the cost of this limitation with an aggregate excess loss factor, is analogous to a reinsurance premium.

How is the Table of Aggregate Loss Factors structured?

To use the Table, one must know the Expected Claim Count Group assignment of a policyholder and the entry ratio for the subject retrospective rating plan.

Because of the law of large numbers, the variance in results tends to decrease with increasing premium size. Since aggregate excess loss factors measure the amount of loss above certain loss ratios, it follows that for any fixed maximum loss ratio, decreasing variance leads to decreasing aggregate loss factors for larger policyholders. The Table is therefore indexed by Expected Claim Count Groups, determined by expected number of claims for the policyholder (expected losses divided by the average cost per case).

The Table of Aggregate Loss Factors also needs an index determined by the loss ratio at which one wishes to measure the aggregate excess loss factor. If one used the actual loss ratio as the index, the Table would be valid for only one expected loss ratio. To eliminate the need to create a Table of Aggregate Loss Factors for each expected loss ratio, the entry ratio (the particular loss ratio divided by the expected loss ratio) concept is used. An entry ratio of 1.0 corresponds to the expected loss ratio. The entry ratios published in the Table of Aggregate Loss Factors range from 0.0 to 10.0, and are shown in increments of 0.01.

The loss limit is an optional premium element that limits the amount that a single claim can impact the final retrospective premium for the policy. For a given claim, the percentage of losses that are expected to exceed the loss limit divided by the total expected loss for the policy is measured by an excess loss ratio, or excess ratio. For low loss limits, excess ratios are higher and for high loss limits, excess ratios are lower. The Table of Aggregate Loss Factors is divided into 18 separate Sub-tables, each corresponding to a given Policy Excess Ratio Range. Because applying a loss limitation decreases the variance of the (limited) loss ratio for the policy, the aggregate excess loss factors are lower for Sub-tables corresponding to higher Policy Excess Ratio Ranges. Both the Policy Excess Ratio Range and the Expected Claim Count Group ranges are lookup tables found in Appendix A of NCCI's Retrospective Rating Plan Manual.

By using the two lookup tables, the Table of Aggregate Loss Factors automatically accounts for inflation in claim sizes over time. The Expected Claim Count Group is determined by the user by calculating the expected losses for the insured and dividing by the average cost per case. The average cost per case also underlies the calculation of the policy excess ratio, and its values are updated annually. These annual updates help keep the Retrospective Rating Plan in balance, allowing the Table of Aggregate Loss Factors to remain relevant over time, even if the average claim size is changing.

North Carolina

Calculation of State and Federal Tax Multipliers Effective April 1, 2027

	<u>Assigned Risk</u>
A. Proposed overall state loss assessments	1.0000
B. Proposed state premium taxes and assessments	
1. Premium Tax	0.0266
2. Miscellaneous Tax	0.0000
C. Total of proposed state premium taxes and assessments	0.0266
D. Proposed target cost ratio	0.752
E. Loss adjustment expense provision	1.205
F. State permissible loss ratio = $[(D) / ((A)+(E)-1.000)]$	0.624
G. Expense and Profit, excluding taxes and assessments = $1-(C)-(F)$	0.349
H. State tax multiplier = $[(G)+(A)x(F)] / [(F)+(G)] \times [1 / (1-(C))]$	1.027
I. Proposed overall federal assessment	1.051
J. State weight ^	0.280
K. Federal weight ^	0.720
L. Weighted federal assessment = $((A)x(J)) + ((I)x(K))$	1.037
M. Federal permissible loss ratio = $[(D) / ((E)+(L)-1.000)]$	0.605
N. Federal tax multiplier = $[(G)+(L)x(M)] / [(G)+(M)] \times [1 / (1-(C))]$	1.051

^ From F-class summary data.

Excess Loss Factors

At the onset of a policy, the insurer and the insured may agree that the final premium paid by the insured can be a function of not only the payroll, but also of the actual losses during the coverage period. An arrangement of this sort is formalized in the Retrospective Rating Plan as approved in most states. Ultimate premium is based on actual losses, expenses and a net aggregate loss factor to compensate for the application of maximum and minimum aggregate amounts.

For most insureds, the maximum premium can be a burdensome amount, but an amount they are reasonably confident they will not have to pay. However, there remains a fear that a single disastrous accident may cause enough loss by itself to result in the maximum premium being charged. Because of this, the insured may select a "loss limit" or cap on individual losses that enter the retrospective premium formula.

Charges for excess coverage can be calculated using excess loss factors (ELFs). These vary by the state and hazard group assignment of the insured as well as the selected loss limit. The excess coverage is on a per occurrence basis. Therefore, the portion of the loss in excess of the loss limit due to a single occurrence (possibly multiple-claim) is excluded from the calculation of the retrospective premium.

The ELF for a given loss limit can be applied to standard premium to generate the pure loss charge for the coverage. The tax multiplier is applied to the final retrospective premium to compensate for taxes, loss assessments and other miscellaneous items.

The distribution of losses in excess of the selected loss limit (i.e., the excess ratios) is central to the ELF calculation. These distributions vary by hazard group, injury type, and by the state's applicable benefit structure. In particular, North Carolina's benefits are considered "limited" due the existence of a specified duration of time for which benefits are payable.

11 NCAC 10.1111 – WORKERS’ COMPENSATION

Item

- 10(b) Describe all payments made to all consultants (including lawyers, actuaries, and economists) related to this filing and the previous one on workers’ compensation insurance. If payment cannot be specifically identified as related to particular filings, the filer shall estimate them.

Response

August 29, 2025 Loss Cost and Residual Market Rate Filings

National Council on Compensation Insurance, Inc.: NCCI has advised the Rate Bureau that the amounts billed to its affiliates and to the Rate Bureau for actuarial support during 2025 for work specifically related to workers’ compensation insurance loss cost and residual market rate filings total approximately \$462,388.

Young Moore and Henderson, P.A.: The firm has billed the Rate Bureau approximately \$40,924 for fees in connection with the 2025 workers’ compensation insurance loss cost and residual market rate filings.

Milliman, Inc.: The firm has billed the Rate Bureau approximately \$30,215 for services rendered in connection with the 2025 workers’ compensation insurance loss cost and residual market rate filings.

George Zanjani: Dr. Zanjani has billed the Rate Bureau approximately \$14,060 for services rendered in connection with the 2025 workers’ compensation insurance residual market rate filing.

August 31, 2026 Loss Cost and Residual Market Rate Filings

National Council on Compensation Insurance, Inc.: NCCI has advised the Rate Bureau that the amounts billed and to be billed to its affiliates and to the Rate Bureau for actuarial support during 2026 for work specifically related to workers' compensation insurance loss cost and residual market rate filings total approximately \$465,006.

Young Moore and Henderson, P.A.: The firm has billed the Rate Bureau approximately \$7,016 for fees in connection with the 2026 workers' compensation insurance loss cost and residual market rate filings.

Milliman, Inc.: The firm has not yet billed the Rate Bureau for services rendered in connection with the 2026 workers' compensation insurance loss cost and residual market rate filings.

George Zanjani: Dr. Zanjani has billed the Rate Bureau \$14,900 for services rendered in connection with the 2026 workers' compensation insurance residual market rate filing.

11 NCAC 10.1111 – WORKERS COMPENSATION

Item

- 10(c) Identify and describe all changes in methodologies from the previous North Carolina workers compensation rate filing. If any collected or reported data required by this rule are provided within 30 days after the initial submittal of a filing, that data shall be made a part of the filing, provided the initial submittal acknowledges that it is incomplete and identifies specifically what further data are to be submitted within the time permitted. No filing otherwise complete shall be deemed to be proper until such time that all data required by this Rule have been submitted.

Response

The minimum premium calculation for Classification Code 0401 (Cotton Gin Operation – Local Managers & Drivers) has been updated for these Filings. Since 1926, the minimum premium for Class Code 0401 was set to \$100 per ginning location. The minimum premium is now calculated using the standard methodology of the class code rate multiplied by the minimum premium multiplier (MPM) plus the expense constant (EC), subject to the maximum minimum premium (MMP). In short, Minimum [Rate * MPM + EC, MMP].

See Exhibits RB-3 and RB-4 for additional description of the methodologies utilized in the Filings.

**PRE-FILED TESTIMONY
OF
JOANNA BILIOURIS**

**NORTH CAROLINA WORKERS COMPENSATION INSURANCE
2026 LOSS COST FILING
BY THE NORTH CAROLINA RATE BUREAU**

- Q. Would you state your full name and business address?
- A. My name is Joanna Biliouris. My business address is 4140 Parklake Ave, Suite 320, Raleigh, North Carolina 27612.
- Q. Are you employed by the North Carolina Rate Bureau ("Bureau")?
- A. Yes. I am the General Manager. Prior to becoming the General Manager in early 2022, I had been employed by the Bureau as Chief Operating Officer since 2015.
- Q. What is the Bureau's function with respect to loss costs for Workers Compensation insurance?
- A. The Bureau promulgates loss costs for Workers Compensation insurance in North Carolina.
- Q. Can you identify Exhibits RB-1 through RB-4 and the 11 NCAC 10.1111 Responses?
- A. Yes. Exhibit RB-1 is a reference filing containing advisory prospective loss costs, the data and calculations underlying those loss costs, and the 11 NCAC 10.1111 Responses. Exhibits RB-2 through RB-4 contain the required accompanying prefiled testimony and exhibits. Together, these materials constitute a filing (the "Filing") that is dated August 31, 2026, submitted by the Bureau to the Honorable Mike Causey, Commissioner of Insurance, with respect to workers compensation insurance loss costs in North Carolina.
- Q. Does the Bureau have actuaries on its staff?
- A. Yes, the Bureau has an actuary on its staff. However, the Bureau continues to obtain actuarial expertise for preparation of the Filing from the Workers Compensation Committee, the National Council on Compensation Insurance, Inc., and Milliman, Inc.
- Q. Does the Filing submitted to the Commissioner include, to the extent available, the information to be furnished in connection with filings under Article 36 of Chapter 58 of the General Statutes?
- A. Yes. Those data that were available have been submitted to the Commissioner as part of the Filing. As shown and explained in that submission, some data were not collected or, if collected, were not retrievable from the statistical data in the form requested. The individual circumstances with respect to such data are explained in the submission.
- Q. Does that conclude your prefiled testimony?

A. Yes.

PREFILED TESTIMONY
OF
BRETT S. FOSTER

2026 NORTH CAROLINA WORKERS COMPENSATION
LOSS COST AND ASSIGNED RISK RATE FILINGS
PROPOSED TO BE EFFECTIVE ON APRIL 1, 2027

Q. *Please state your name, title, employer and position you hold.*

A. My name is Brett Foster, and I am a Practice Leader and Senior Actuary for the National Council on Compensation Insurance, Inc. ("NCCI") in Boca Raton, Florida.

Q. *Would you outline your academic and professional training?*

A. I have a Bachelor of Science degree with majors in mathematics and economics from Missouri State University, in Springfield, Missouri. I am a Fellow of the Casualty Actuarial Society and a Member of the American Academy of Actuaries and am in good standing with both of those organizations.

Q. *How long have you been employed by NCCI?*

A. I have worked for NCCI since June of 2012, during which time I have contributed in various areas of NCCI's actuarial division, including class ratemaking, individual risk rating research, legislative analysis, aggregate ratemaking, and actuarial communications. In addition to overseeing the actuarial function for two jurisdictions, I am currently responsible for leading NCCI's Analytics, Models & Products area within the actuarial division.

Q. *Would you briefly describe the principal functions of NCCI?*

A. NCCI is the major data collector of workers compensation statistics and is recognized as the expert organization in workers compensation data collection, ratemaking, and research. NCCI's principal functions are to collect and process statistical data, inspect and administer a detailed

classification system, and develop prices for workers compensation insurance that are not excessive, inadequate or unfairly discriminatory. NCCI prepares manual loss costs, manual rates, rating plans, and policy forms for use by its members and subscribers, and files this information with various supervisory authorities on their behalf.

Q. *Who belongs to NCCI?*

A. NCCI is an organization of some 600 members and subscribers who are insurance companies and self-insured funds writing workers compensation insurance.

Q. *Are you familiar with the filings for revised workers compensation loss costs and assigned risk rates by the North Carolina Rate Bureau (the "Filings") of which this testimony is a part?*

A. Yes, I am.

Q. *Did you supervise the production of the Filings?*

A. Yes, I did. NCCI has contracted with the North Carolina Rate Bureau as an actuarial services vendor in connection with these Filings.

Q. *What is the purpose and scope of your testimony?*

A. I provide testimony on the key actuarial issues and components in the Filings. Specifically, my testimony discusses the (i) development of the overall average loss cost level indication, (ii) assigned risk differential analysis, and (iii) various expense components contained in the voluntary loss costs and assigned risk rates.

Q. *Could you briefly describe the purpose of the Filings submitted to the North Carolina Commissioner of Insurance?*

A. Yes. One of the Filings proposes revised loss costs and rating values for the voluntary market. The other Filing proposes revised rates and rating values for the Workers Compensation Insurance Plan, which is the assigned risk market.

Q. *What is the voluntary market and what is the assigned risk market?*

- A. When insurers elect to provide workers compensation coverage to employers in North Carolina's competitive marketplace, incorporating their own underwriting guidelines and expense needs, the group of policies issued to those employers constitutes the "voluntary market."

Because workers compensation insurance is required by law for most employers in North Carolina, an employer unable to secure workers compensation insurance in the voluntary market obtains coverage through the Workers Compensation Insurance Plan, which is also called the "assigned risk" or "residual" market. This "market of last resort" provides a method for those employers not written voluntarily to obtain coverage.

- Q. *For the voluntary market, you mentioned a revision to the current loss costs is being filed. What is the difference between a loss cost and a rate?*

- A. The term loss cost is used because, in general, it represents only that portion of the full rate that provides for loss and loss adjustment expenses. The North Carolina loss costs are not final rates because they do not include provisions for any of the remaining expenses (including production expenses, profit, contingencies, etc.) of an insurer.

In the North Carolina voluntary market, each carrier is responsible for considering its individual expense needs, developing a loss cost multiplier (LCM), and determining its final rates. The carrier-specific LCM is the expense loading (providing for all carrier expenses other than loss adjustment expense) an insurer applies to a set of loss costs to build its final rates. In this process, a carrier may elect to base its final rates on the loss costs in the Loss Cost filing.

- Q. *If this loss cost revision were approved as filed, would all employers insured in the voluntary market receive a loss cost change equal to the overall average proposed change?*

- A. No. The proposed loss cost indication represents the overall average change for the voluntary market. The actual percentage loss cost change will vary between individual classification codes—some above and others

below this average.

The proposed overall average change is equitably distributed to the various industry groups and then to the more than 500 individual classification codes during the ratemaking process. The final premium charged to a particular employer not only depends on the specific class codes in which the employer conducts business, but also on the individual insurer issuing the policy. Since in the voluntary market each insurer is responsible for determining its final rates, after reviewing its own expense needs, underwriting guidelines, etc., the final premium charged to any particular employer may vary among insurers.

Q. *Please give us an overview of the process used to develop the Filings.*

A. The latest available premium and loss data is collected by NCCI and NCRB from insurance companies and verified. Using this data, the expected costs associated with writing workers compensation insurance in North Carolina during the period April 1, 2027 through March 31, 2028 are determined. In this process, expenses are analyzed and provisions for these components are included. The expected future costs determine the extent to which the currently approved overall loss cost and rate levels should change.

Q. *Do the Filings include data for all companies writing workers compensation business in North Carolina?*

A. Not necessarily. There are several reasons that would prevent a carrier's data from being included in a filing, including (i) data that was not reported prior to the filing and (ii) quality issues that exist with the reported data. While it would be preferable to include all carriers' data in the filing, it is critical that the data be of the highest quality possible. Carriers with a premium market share greater than 0.1% and whose data is not contained in the Filings' experience period are listed in Appendix A-IV.

NCCI has the following processes in place to provide all carriers the incentive to submit aggregate data in a timely and accurate manner:

(i) Aggregate Data Quality Incentive Program (ADQIP): In response to carriers reporting late and/or inaccurate data, they are subject to financial assessments levied by NCCI.

(ii) Financial Data Escalation Process: During the data collection and validation process, data issues are discussed with insurance carrier personnel at progressively increasing levels of authority until the issues are resolved.

The data goes through a series of three validation procedures implemented by NCCI: (i) arithmetic checks, (ii) reasonableness checks, and (iii) a reconciliation report.

The first check, the arithmetic check, is used to make sure that the data submitted to NCCI in the various rows and columns of the aggregate financial data reports sums to the correct totals as stated by the carriers in those submissions.

The second check, the reasonableness check, is used to make sure that all unusual fluctuations in a carrier's data are explained. For example, a company reporting \$100,000 in premium in 2024 and then \$10 million in 2025 would be questioned about the large change in premium amounts.

The third test is reconciliation. The North Carolina data submitted to NCCI is reconciled with the NAIC Annual Statement data submitted by companies to the North Carolina Department of Insurance.

NCRB also has a variety of procedures in place to encourage timely and accurate data reporting, and NCCI does additional validation of the data it receives from NCRB.

Q. *Do the Filings contemplate catastrophic events that may exceed \$50 million in losses?*

A. Yes, using established ratemaking procedures, the Filings are based on data that excludes the impact of catastrophic events (which may include

pandemics) that may exceed \$50 million in losses countrywide. The Catastrophe (other than Certified Acts of Terrorism) Provision is intended to contemplate the exposure to all such events or perils.

Q. *Is the data used in the Filings reasonable and reliable for determining voluntary loss costs and assigned risk rates in North Carolina?*

A. Yes, in my opinion, the data as collected and validated provides an actuarially appropriate, reasonable, and credible dataset on which to base the Loss Cost and Assigned Risk rate filings.

Q. *What overall average change does the Loss Cost filing propose?*

A. The Loss Cost filing seeks an overall average decrease of 10.6% from the current loss cost level for the industrial classifications.

Q. *What overall average rate level change does the Assigned Risk filing propose?*

A. The Assigned Risk rate filing seeks an overall average rate level decrease of 14.3% for the industrial classifications.

Q. *What is the proposed effective date for the Filings?*

A. The Loss Cost and Assigned Risk rate filings are both proposed to apply to new and renewal policies becoming effective on or after April 1, 2027. The actual use of the loss costs is subject to individual company actions to adopt the filed loss costs.

Q. *Would you please briefly describe the method used in the Filings to determine the overall average changes?*

A. Yes. In very general terms, the overall changes are determined by taking the latest available aggregate financial data and adjusting it to reflect conditions that are expected to exist for policies becoming effective during the period April 1, 2027 through March 31, 2028. The result indicates the adequacy of the current loss costs for policies to be written during that period. This process requires the application of actuarial judgment and projections because ratemaking is prospective in nature and future outcomes are unknown.

As presented in Exhibit I of the Filings, the process begins with two blocks of historical North Carolina aggregate financial data. The first block reflects the experience from all policies with effective dates during 2024 and is commonly referred to as "Policy Year 2024" data. The second block of data reflects the experience from all policies with effective dates during 2023 and is referred to as "Policy Year 2023" data. This data consists of earned premiums and losses during these periods reported by those companies writing workers compensation insurance in North Carolina. "Losses" is simply another term for the benefits carriers provide to or on behalf of injured workers. They can be in the form of medical services or indemnity (lost wage) payments. While several years of data were reviewed in connection with this year's actuarial analysis, data for Policy Years 2023 and 2024 serves as the selected experience period in the Filings.

Loss cost level indications were determined based on an average of (i) paid losses and (ii) paid losses plus case reserves for each of Policy Years 2024 (Exhibit I, Section A) and 2023 (Exhibit I, Section B). An average of the separate Policy Year 2023 and 2024 loss cost level indications (Exhibit I, Section C) serves as the basis for the Rate Bureau's filed overall average voluntary loss cost level change.

In calculating the overall loss cost level change, the premium from these two policy years is the first focus. The premiums that have been collected must be "developed" to reflect future payroll audits (line 1 of Exhibit I, Sections A and B). Since the final premium totals for the recent policy years will not be known until all payroll audits have been completed, the application of premium development factors provides a projection of the amount by which the currently-reported premium totals will change when the final results are known.

Additionally, the premiums are brought to the current loss cost level and the portion that covers expenses is removed (line 2). These adjustments are necessary because we are trying to determine how much premium will

be available for benefits, and the historical premium data still reflects old rates and includes the portion covering expenses. Since the current loss costs are being analyzed and updated, the reported historical premium is adjusted to this current loss cost level. Once the historical premium has been adjusted to the latest approved loss cost level, one may opine on the adequacy of the current set of loss costs in terms of providing for future losses.

Q. *Would you now describe the adjustments to the policy year indemnity and medical losses?*

A. Yes. The losses from these two blocks of data are reviewed. Indemnity and medical losses are analyzed separately. Initially, losses are limited to mitigate the impact of individual large workers compensation claims. Medical payments for example can extend into the multi-million dollar range on extremely severe cases. At this stage, limiting such claims is appropriate in determining future loss costs and rates.

Next, the limited losses must be developed to their ultimate level (lines 4 and 16 of Exhibit I, Sections A and B). This is especially necessary for workers compensation insurance because it takes many years before some losses are finally paid. For example, depending on the nature and seriousness of a work-related injury, indemnity payments may extend many years into the future. Further, since even the conditions giving rise to some of these losses may take many years to manifest themselves, several years may pass before some claims are even known to the insurer, let alone settled. Asbestosis claims are an example of this type of loss.

Next, since we are trying to estimate future losses and the data reflects historical benefit levels, the reported losses are adjusted to reflect the impact of any subsequent changes in the level of workers compensation benefits. This is accomplished in two steps (lines 5, 14, 17, and 26). The losses are then increased by 20.5% so that the final loss costs will include a provision for loss adjustment expense (lines 6 and 18).

The resulting loss figures (lines 8 and 20) are compared to the total estimated premium (line 3) that would be available to fund these losses. Next, the indemnity and medical cost ratios data must be trended to account for inflationary pressures between the time period of the historical data and the period when the loss costs will be in effect (lines 10 and 22). Trend adjusts the historical data to account for the differential impact of inflation on losses and premiums. If losses were changing at the same rate as payrolls, trend would not be needed since the change in losses would be exactly matched by a corresponding change in payrolls and, therefore, premiums. On the other hand, if losses have been changing at a different rate than payroll, trend is necessary if historical data is to be used as a predictor of future losses.

The trend factors selected by the Rate Bureau and applied in these Filings are -5.0% per year for both indemnity losses and medical losses.

The final step is to adjust the developed and limited cost ratios to an unlimited basis. This is accomplished in lines 12 and 24. The employed methodology involves replacing the amount of actual reported individual claim losses in excess of a North Carolina-specific dollar threshold with an excess loss provision. The excess provision represents the expected volume of losses in excess of the threshold. This procedure serves to smooth out the impact of large losses.

Q. *What are the final steps in determining the overall average voluntary loss cost level change?*

A. Indicated loss cost level changes for each of Policy Years 2023 and 2024 are calculated by summing the respective indemnity and medical cost ratios (line 28 of Exhibit I, Sections A and B). These individual-year changes are then averaged, resulting in an indicated overall average decrease of 10.6% to the current voluntary loss cost level (Exhibit I, Section C).

Q. *What loss development methodologies were analyzed and utilized in connection with the overall average loss cost level change?*

- A. The financial data was analyzed in order to select the most actuarially sound loss development projection methodology to be used in determining experience indications. This analysis involves identifying changes in the level of reserve adequacy and trends in development that could skew the results of one or more of the loss development projection methods. In addition, the base to which the loss development factors will be applied is analyzed in conjunction with the factors themselves.

The loss development projection methods examined in this year's analysis were based on (i) paid losses and (ii) paid losses plus case reserves. Results based on an average of these two loss development methodologies were chosen as being most appropriate for this year's Filings.

- Q. *After identifying the most appropriate loss development methodology, what is the next step in the process to compute the actual loss development factors?*

- A. After identifying the most appropriate loss development methodology, prior years' losses are examined to determine how they evolve from the time they are first reported to the time they are finally settled.

For inclusion in the Filings, (i) final paid loss development factors were derived based on an average of the two most recent historical factors at each age-to-age interval and (ii) final paid plus case loss development factors were derived based on an average of the five most recent historical factors at each age-to-age interval. Statewide loss development (tail) factors were used to develop losses from a nineteenth report to an ultimate basis. The tail factors used in the Filings are selected after reviewing the most recent ten historical factors at a nineteenth report.

- Q. *Please explain the tail factor methodology included in the Filings.*

- A. In workers compensation, payments and loss reserve changes persist for extended periods of time. The ultimate losses of a policy year are determined by multiplying the current reported losses by the expected loss development factor. This expected loss development factor is calculated

as the product of individual age-to-age development factors (link ratios). However, due to data constraints, it is not possible to calculate all of the required individual link ratios. Therefore, it is necessary to aggregate all loss development that occurs after a nineteenth report into a single (tail) factor. Tail factors are calculated separately for indemnity and medical losses by comparing the changes in the volume of policy year paid plus case losses after a nineteenth report to the volume of policy year paid plus case losses as of a nineteenth report, along with the application of a growth adjustment factor.

Since an average of both paid and paid plus case loss development is used in the Filings, the selected paid plus case loss development tail factors must also be converted to a paid basis. Paid-to-paid plus case conversion ratios, for both indemnity and medical, are used to calculate indemnity and medical paid tail factors from the selected paid plus case tail factors (Appendix A-II, Section E).

Q. *Will you please describe how the final indemnity and medical annual trend factors were determined for the Filings?*

A. Yes. The final trend factors were judgmentally selected by the NCRB after reviewing the results of several different trend estimates, including (i) a North Carolina frequency/severity trend analysis and (ii) indicated annual loss ratio trend factors—including a review of adjusted medical loss ratios reflecting prospective wage growth and medical inflation estimates.

A North Carolina-specific frequency/severity analysis was performed to separately examine changes in the frequency of workers compensation claims being filed and changes in their average cost per case. Indicated loss ratio trend factors based on both paid and paid plus case losses were also examined in order to review trend estimates that are independent of possible fluctuations in carrier-reported claim counts from year to year.

Q. *Please explain the adjusted medical loss ratios which were considered in conjunction with the trend analysis.*

- A. Additional consideration was given to the accelerated wage growth observed in North Carolina during and after the COVID-19 pandemic. Prior to the pandemic, wages were growing at a moderate rate, generally less than 4%, as measured by the US Bureau of Labor Statistics (BLS) Quarterly Census of Employment and Wages (QCEW) program. From 2020 to 2022, wage growth accelerated, outpacing the historical average—even growing at an annual rate above 7% in 2022. However, forecasts indicate that future wage growth in North Carolina is anticipated to be more moderate than the levels observed in 2020-2022, estimating wage growth around 4% in 2026 and 2027 (Moody's Analytics). These forecasts for more moderate wage growth relative to 2020-2022 are supported by the latest observed data for 2024 and 2025.

While 4% annual wage growth is still strong relative to the historical pre-COVID rate of growth, the latest data and forecasts suggest that the unusually high wage growth observed in 2020-2022 is unlikely to continue. Payroll serves as the exposure base for determining workers compensation premium, so as wages rise, premiums increase as well—resulting in downward pressure on the medical loss ratios over time. The rate of this effect is dependent on the rate of wage growth. Therefore, it is appropriate to consider how future expectations of wage growth that differ from the historical rates of growth may influence our prospective estimate of medical loss ratio trends.

Another factor influencing the historical medical loss ratio changes is the rate of medical inflation. Like other state WC systems, medical costs in North Carolina are influenced by the general cost of medical services, which tends to increase over time. Annual medical inflation rates, as measured by the countrywide Chain-Weighted Personal Healthcare (PHC) index, have fluctuated over time—decreasing from around 3% in 2009 and 2010 to less than 1% in 2015, before increasing slowly to around 3% in 2023 and 2024.

In light of historical wage growth and medical inflation patterns that differ from future expectations, the trend analysis included a review of medical

loss ratio changes where the loss ratio changes in 2020-2024 were adjusted to reflect prospective expectations for wage growth and medical inflation as opposed to the observed values in each year. That is, the historically observed annual changes in medical loss ratios were restated to reflect prospective estimates of annual wage growth (4%) and medical inflation (3%), rather than the historically observed values—as measured by the QCEW and PHC. The resulting values are shown in Appendix A-III.

Q. *Was a similar adjustment considered for the indemnity loss ratios in conjunction with the trend analysis?*

A. Unlike the medical loss ratios, indemnity loss ratios are not necessarily expected to be distorted to the same degree by recent inflationary impacts: as wages rise, so do the associated workers compensation indemnity (wage replacement) benefits. Therefore, the wage growth and inflation adjustments applied to historical medical loss ratio changes were not applied to the historical indemnity loss ratio changes.

Q. *Please explain how the loss adjustment expense provision was determined.*

A. Both historical North Carolina-specific and countrywide loss adjustment expense information was reviewed as part of this year's rate filing analysis (See Exhibit II-A, Sheet 1). Based on that information, the NCRB judgmentally selected a 20.5% loss adjustment expense provision for use in the Filings. Exhibit II-A also includes detail underlying the Adjusting and Other Expense (AOE) ratios and Defense and Cost Containment Expense (DCCE) ratios that comprise the loss adjustment expense provision.

Q. *Did you review the process used to allocate the overall average loss cost level change to the five industry groups and to the individual classification codes?*

A. Yes.

Q. *Do the Filings contain a description of the way the overall change is distributed to the individual classifications?*

A. Yes. Appendices A-V and B of the Loss Cost filing provide extensive descriptions and documentation of the methods that are used to distribute the overall change among the various classifications.

Q. *How are the individual classification loss cost changes balanced to the industry group change?*

A. As described in Appendix B-III section 1, during the loss cost calculation the payrolls are now extended by the loss costs presently in effect and by the indicated loss costs to determine if the required change in manual premium level has been achieved. Since at first this calculation may not yield the required results, an iterative process is initiated which continuously tests the proposed loss costs including tentative test correction factors until the required change in manual premium level is obtained. The test correction factor is applied to the derived by formula pure premiums.

Q. *How was the overall average change for the Assigned Risk filing determined?*

A. The Assigned Risk filing begins with the loss costs resulting from the analyses just described. Then two additional analyses were performed. The first of these compares the assigned risk market experience to the statewide market experience. This analysis supported the proposed change to the current assigned risk loss cost differential. The second analysis involves the assigned risk expense need. Both analyses are documented in Exhibit II of the Assigned Risk filing.

The results of these two analyses are incorporated in the formula Loss Cost Multiplier (Exhibit I-A, Sheet 1 of the Assigned Risk filing). After combining the indicated change in the loss cost level and the proposed change in the Loss Cost Multiplier, the final Assigned Risk rate level decreased 14.3% (Exhibit I, Section D of the Assigned Risk filing).

Q. *Please explain the purpose and concept of the assigned risk differential.*

A. The primary purpose of the differential is to help ensure equity between the assigned risk and voluntary markets. In order to help ensure a self-

funded assigned risk market—one that does not require subsidization by participants in the voluntary market—the adequacy of the assigned risk differential is reviewed.

In North Carolina, as is usually the case, the combined experience for those employers in the assigned risk market is worse than the combined experience for those in the voluntary market. Therefore, during the assigned risk ratemaking process, the assigned risk differential is applied to recognize this disparity.

Q. *Please explain how this year's proposed change in the assigned risk differential was determined.*

A. As documented in Exhibit II-E of the Assigned Risk filing, ten years of indicated loss cost differentials based on each of (i) paid and (ii) paid plus case data were reviewed. The selected change to the current loss cost differential is based on an average of the changes indicated by both the paid and paid plus case experience (Exhibit II-E, Sheet 1, line (e)).

Q. *Please briefly describe the provisions for the various assigned risk expense components contained in the Assigned Risk filing.*

A. The underlying detail and supporting calculations in connection with the various expense provisions contained in this year's proposed assigned risk rates are fully documented in Exhibit II of the Assigned Risk filing. As a summary, a brief description of each expense component is as follows:

- (i) Commission and brokerage – The 5.0% provision is the commission payable on assigned risk business, as required by the Workers Compensation Insurance Plan.
- (ii) Loss adjustment expense (LAE) – The selection of this component was discussed earlier in connection with the proposed voluntary loss cost level change.
- (iii) Other acquisition and general expense – This category includes provisions for various carrier expense items such as premium

collection, underwriting, policy processing, advertising, and company operational and administrative expenses.

- (iv) Uncollectible premium provision – This provision recognizes the fact that not all premium earned by the carriers is collected (Exhibit II-F).
- (v) Underwriting profit – The underwriting profit analysis was conducted by Dr. Zanjani.
- (vi) Taxes, licenses, and fees – This includes a 2.66% provision for the premium tax, including the regulatory surcharge.
- (vii) Effect of expense constant and minimum premiums – It is expected that a \$160 expense constant, a minimum premium multiplier of 200, and a maximum minimum premium of \$1,500 will generate 15.8% of premium in the assigned risk market (Exhibit II-D).

Q. *Please describe what is meant by the term “F-classifications.”*

A. The “F” or “Federal” classifications are those operations conducted on or about navigable waters for which benefit levels and related costs are determined by the United States Longshore and Harbor Workers’ Compensation Act, rather than individual state laws. Typical F-classifications include those covering ship builders and stevedores.

Q. *What changes are proposed for the Federal classifications (“F-classes”)?*

A. Based on the latest available North Carolina F-class experience (contained in Appendix B-V of the Loss Cost filing), the Loss Cost filing proposes an overall average change of -11.1% from the current loss cost level. The Assigned Risk filing proposes an overall average rate level change of -14.8% from the current assigned risk rate level.

Q. *Are there any other aspects of the filing, including disclosures, assumptions, adjustments, or methodology changes, that have not been addressed by the preceding questions?*

A. As part of the Assigned Risk filing, the minimum premium for Class Code 0401 (Cotton Gin Operation – Local Managers & Drivers) will now be calculated based on the standard minimum premium methodology rather than locked-in to \$100 per ginning location. The prior rule had been in place since 1926 and the \$100 had not been indexed to current inflation levels, which kept the minimum premium well below what it would be with the standard minimum premium calculation.

Q. *What is your opinion as to whether the proposed loss cost changes for the voluntary market will result in loss costs that are not excessive, inadequate, or unfairly discriminatory?*

A. Based on my analysis, I believe the methodologies employed, the provisions used, and the resulting filed loss cost changes are actuarially sound and reasonable for the time period during which they are proposed to be in effect and will result in loss costs that are not excessive, inadequate, or unfairly discriminatory.

Q. *What is your opinion as to whether the proposed rate changes for the assigned risk market will result in rates that are not excessive, inadequate, or unfairly discriminatory?*

A. As I noted above, the profit analysis was conducted by Dr. Zanjani, and I am relying on his work and opinion as to the appropriateness of the profit provision. Based on my analysis and assuming the profit produced by the proposed rates is reasonable, I believe the methodologies employed, the provisions used, and the resulting filed assigned risk rate changes are actuarially sound and reasonable for the time period during which they are proposed to be in effect and will result in assigned risk market rates that are not excessive, inadequate, or unfairly discriminatory.

Q. *Does this conclude your testimony?*

A. Yes, it does.

Pre-Filed Testimony
of
Stephen Koca
2026 North Carolina Workers Compensation
Loss Cost Filing
August 2026

Q. Please state your name and business address.

A. My name is Stephen Koca; my business address is Milliman, Inc., 251 South Lake Avenue, 8th Floor, Pasadena, California, 91101.

Q. Are you an actuary?

A. Yes, I became a Member of the American Academy of Actuaries (MAAA) in the Spring of 2006 and a Fellow of the Casualty Actuarial Society (FCAS) in the Fall of 2006. I am a member in good standing of both organizations and am current on my continuing education requirements.

Q. Please describe your educational and professional background.

A. I graduated with a Bachelor of Science degree in Mathematics from Pennsylvania State University in 2003. I joined Milliman in 2005; my prior employment includes actuarial experience with two different insurance companies covering both personal and commercial lines of business. My role at Milliman includes managing a broad client base that includes traditional insurers, state workers' compensation funds, self-insureds, and other alternative risk mechanisms. I provide loss ratio projections, rate filing assistance, unpaid claim analyses, capital modeling, and other services to these clients. In addition, I am a frequent industry volunteer, currently serving as a Member-Selected Director of the AAA Board of Directors. I am also active with the National Association of Insurance Commissioners (NAIC), frequently participating in calls and meetings relating to casualty actuarial, statutory accounting, and risk-based capital issues with NAIC task forces. I have previously served as chairperson of the AAA Committee on Property and Liability Financial Reporting and as a member on the AAA's Casualty Practice Council; the AAA's Workers' Compensation Subcommittee;

and as President of the Southern California Casualty Actuarial Club.

Q. What is Milliman?

A. Milliman is among the world's largest independent actuarial and consulting firms. Milliman was founded in Seattle in 1947 as Milliman & Robertson and today has offices in principal cities worldwide, covering markets in North America, Latin America, Europe, Asia and the Pacific, the Middle East, and Africa. Milliman employs more than 5,000 people, including specialists ranging from clinicians to economists. The firm has consulting practices in healthcare, employee benefits, property and casualty insurance, life insurance, and financial services. Milliman serves the full spectrum of business, financial, government, union, education, and nonprofit organizations.

Q. Were you engaged to provide actuarial services to the North Carolina Rate Bureau (the "Rate Bureau") in connection with its 2026 workers compensation insurance loss cost filing (the "Filing")?

A. Yes, I was.

Q. What was the scope of that engagement?

A. For this year's filing, the Rate Bureau engaged NCCI to provide the preliminary analysis of the data, including preliminary analysis of loss development and trends and presenting the data to the Rate Bureau. The Rate Bureau's Workers Compensation Committee is responsible for making the selections included in this filing. The scope of Milliman's engagement includes a review of the NCCI presentation, assisting the Rate Bureau in explaining the Filing to regulators, and providing expert testimony concerning the Filing.

Q. Did you or your firm physically prepare the filing documents for the Rate Bureau?

A. No, NCCI prepared the Filing based on the directions of the Rate Bureau. Our role was one of input and review.

Q. Is your firm being compensated for this engagement?

A. Yes.

Q. Is that compensation in any way contingent on providing favorable testimony in support of the Filing?

A. No, it is not.

Q. Have you completed your review of the Filing?

A. Yes, I have.

Q. Were there any constraints placed on your review, such as limited or delayed access to data or limited time, that may have impeded your complete review?

A. No, we were provided all the information that was necessary and had adequate time for a complete review. Our review was not constrained.

Q. Explain the difference between a loss cost filing and a rate filing.

A. By definition, insurance rates (along with the associated rating plans) are to include provisions for all costs associated with the transfer of risk. These costs include losses, expenses, taxes, licenses and fees, and profit and contingencies. Since 1995 in North Carolina, the voluntary market workers compensation filings by the Rate Bureau have included provisions for losses, loss adjustment expenses, and loss-based assessments only. As a consequence, they are called "loss cost" filings, and they specifically exclude provision for production expenses, general expenses, dividends, taxes, licenses and fees (since 1999), and profit and contingencies.

Individual insurance companies will analyze their own books of business along with the approved loss costs, and then make filings with the North Carolina Department of Insurance (NCDI) for loadings that represent an anticipated difference in loss costs (if any), along with their production and general expense, taxes, licenses and fees, and profit and contingency provisions.

Q. Can you briefly explain the overall theory underpinning the filed loss cost change?

A. Yes, the fundamental principle is that historical North Carolina loss cost experience will be predictive of the level of loss costs that will emerge in the future.

Q. What is the overall change in loss costs the Rate Bureau is seeking in this filing?

A. The Rate Bureau is filing a 10.6% reduction in the overall level of loss costs for industrial classifications and an 11.1% decrease for Federal ("F") classifications.

Q. Do you know what the overall change in premium will be?

A. No. In addition to any exposure base changes (payroll), the overall change in premium will depend upon the actions of individual companies to adopt the loss costs, as well as the loadings for production and general expenses, taxes, licenses and fees, and profit that are included in their individual rate filings with the NCDOI.

Q. Is the change in loss costs the same for each class code?

A. No, although the overall change is a decrease of 10.6% for industrial classifications and a decrease of 11.1% for the F classifications, the individual class codes within these broad groupings will change by different amounts. The industrial classifications are further organized by industry group and the average changes are as follows:

Manufacturing 10.4% decrease
Contracting 11.7% decrease
Office and Clerical 12.0% decrease
Goods and Services 9.2% decrease
Miscellaneous 11.0% decrease

Q. What is the proposed effective date of the filed loss costs?

A. April 1, 2027.

Q. When did the current loss costs take effect in North Carolina?

A. The current loss costs became effective April 1, 2026.

Q. For what period of time are the projections made?

A. The filed loss costs are anticipated to go into effect on April 1, 2027. Because it is anticipated that loss cost filings are made annually, these loss costs are expected to remain in effect until April 1, 2028. Therefore, loss costs are projected for policies that become effective from April 1, 2027 through March 31, 2028. However, because covered claims can occur on any day a policy is in force, and since most policies are written for annual periods, the first covered claim could occur no earlier than April 1, 2027 and, with anticipation of annual loss cost filings, the last covered claim could occur no later than March 31, 2029. Thus, the loss costs must be projected to be sufficient for occurrences over this two-year period. To simplify the analysis, the Rate Bureau projects losses to the average occurrence date during this period.

Q. Can you provide more detail on what historical experience is used and how the proposed overall change in loss costs is estimated?

A. Fundamentally, the proposed overall change in loss costs is based on Policy Year 2023 and Policy Year 2024 data, valued as of December 31, 2025.

Q. What is a policy year?

A. A policy year describes a way of grouping insurance loss and exposure data so that both may be examined simultaneously. Policy year 2024, for example, consists of the experience of policies (both losses and exposures) with effective dates on any day during 2024.

Q. Given the current date, is more recent data available and complete?

A. Recall that a policy year contains the experience of policies incepting during the year. The last policy that could have been written in policy year 2024 would have been written on December 31, 2024, with normal expiration one year later. For the industrial classifications, the valuation date of the data is December 31, 2025. After allowing time for insurance companies to estimate loss reserves and report data, and for the Rate Bureau to assemble and prepare the Filing, it is evident that policy year 2024 is the most recent *complete* policy year that could feasibly be included.

Q. What about Policy Year 2025?

A. As of December 31, 2025, policy year 2025 is incomplete. Most policies written in 2025 will continue in force during 2026. Roughly speaking, only one half of policy year 2025 written premium would be earned as of year-end 2025, and only one half of the claims that will eventually occur would have occurred by year-end 2025. The Rate Bureau does collect this data, even in its incomplete form. However, in my view, the losses and exposures are too immature to be used reliably for ratemaking.

Q. Can you please explain more about the projection process?

A. It is easiest to start with the overall change and then work backwards, exposing more layers of complexity as we go. Most insurance professionals are familiar with the term "loss ratio." A loss ratio is simply losses divided by premium. In North Carolina, the loss costs are required to include provisions for losses, loss adjustment expenses, and loss-based assessments, but to exclude provisions for other insurance company expenses and profit and contingencies. By convention, we often call a premium excluding expenses and profit a "pure premium." For convenience, we will define the term "loss and LAE pure premium ratio" as a numerator that includes losses, loss adjustment expenses, and loss-based assessments divided by a denominator that includes a provision in the premium for the same three elements. In essence, the numerator is the cost for

losses, loss adjustment expenses, and loss-based assessments that insurance companies will ultimately pay, and the denominator is the amount insurance companies will ultimately charge to policyholders for those same elements.

If we knew the *loss and LAE pure premium ratio* that would result during the period of prospective loss cost use if the current loss costs were charged to policyholders, then we would know by how much to change the current loss costs. Suppose, for example, the numerator was 10% larger than the denominator (i.e., the ratio is 1.10). The solution would be to increase the denominator by 10% to make them equal. Similarly, if the numerator was 10% less than the denominator (i.e., a ratio of .90), then the solution would be to shrink the denominator by 10%. Changing the current loss costs by the desired percentage is in essence increasing or shrinking the denominator in this example.

In reality, however, we do not yet know the *loss and LAE pure premium ratio* that will result during the period of prospective use if the current loss costs were charged. The indicated change represents the outcome of a reasonable estimate of that ratio.

Q. How did the Rate Bureau go about estimating the *loss and LAE pure premium ratio*?

A. The Rate Bureau gave equal weight to two different ratios, i.e., ratios derived from policy year 2023 and policy year 2024 experience.

Q. What companies' data are included in policy year 2023 and policy year 2024 experience?

A. All companies are required to submit data to either the Rate Bureau or the NCCI. The data are aggregated by NCCI, and NCCI reviews and validates the data in order to assemble an accurate database upon which to base the Filing. However, some companies may not report, or their data cannot be validated and reconciled, in which case their data is excluded. Appendix A-IV of the Filing shows a listing of all carriers writing more than 0.1% of the market that are excluded. This listing shows that no carriers meeting this criterion were excluded for policy years 2023 or 2024 in the current filing.

Q. Why is the experience of both the voluntary market and the assigned risk market used to derive voluntary market loss costs?

A. This is to ensure that the voluntary market loss costs are sufficient for insurance companies to be able to write an average employer in the state, including those that may be currently in the assigned risk plan.

Q. How did the Rate Bureau project policy year 2023 and policy year 2024 *loss and LAE pure premium ratios*?

A. There are seven major steps.

1. *Pure premiums* are developed to an ultimate basis.
2. *Pure premiums* are adjusted to the current loss cost level.
3. Limited losses are developed to an ultimate basis.
4. Limited losses are adjusted to an unlimited basis.
5. Losses are adjusted to the proposed benefit level.
6. Loss adjustment expenses are included.
7. The *loss and LAE pure premium ratio* is trended to the midpoint of loss cost use.

Q. In your opinion, is each of these seven steps necessary and actuarially appropriate?

A. Yes.

Q. Why do *pure premiums* need to be developed to an ultimate basis?

A. Workers compensation policies are typically priced by calculating the premiums (and by extension *pure premiums*) on the basis of estimated exposures (usually payroll). After policy expiration, these exposures are audited and trued-up. Historically, this process has usually resulted in an increase in revenue, although depending upon economic circumstances could also result in a decrease in revenue. *Pure premium* development is used to estimate the amount that *pure premiums* for a given policy year will change in the future as a result of these adjustments. Appendix A-II of the Filing contains the calculation of the *pure premium* development factors.

Q. In your opinion, are the *pure premium* development factors reasonable?

A. Yes, they are.

Q. Why do *pure premiums* need to be adjusted to the current loss cost level?

A. I mentioned a little earlier that a key component of the Filing is to project the *loss and LAE pure premium ratio* that would result during the period of rate use if the current loss costs were charged. The reported data include *pure premiums* at the “designated statistical reporting level,” or the *pure premium* level based on the loss costs in effect at the effective date of each policy within the policy year for voluntary market risks, and the premium level based on the rates in effect for assigned risks. These *pure premiums* and premiums need to be adjusted from the values as reported to the values that would result if the current (4/1/2026) loss costs were applied to each policy. Appendix A-

I of the Filing contains the *pure premium* on-level factors.

Q. In your opinion, is the adjustment the Rate Bureau used to adjust historical *pure premiums* and premiums to current loss cost level reasonable?

A. Yes, it is.

Q. What is loss development and why is it necessary?

A. Workers compensation claims are typically paid on a periodic basis in the form of indemnity benefits to injured workers and medical benefits to their medical providers. While most claims are resolved in the first year, some injuries are quite serious and workers compensation benefits will be paid for many years, potentially for the injured worker's lifetime. Policy years 2023 and 2024 will therefore include many claims which have not been resolved as of December 31, 2025, and consequently the full cost of those claims is unknown.

Loss development is a methodology utilized to estimate the full cost of a group of claims based on what is known about the claims as of the valuation date and a review of the values of older claims at similar maturities.

As an example, consider projecting loss development based on paid losses. For a given policy year, the cumulative amounts paid for indemnity and medical benefits will increase over time as the policy year becomes older (more mature) until all claims are closed and final. The growth of the cumulative paid losses of older policy years from maturity to maturity (age to age) is measured and used to project the expected growth of the given policy year as the given policy year matures. Growth will slow and eventually cease as all claims become final, and at this point, all claims are at their ultimate values.

For limited paid losses from 1st report to 19th report, the Rate Bureau used the unweighted average of the two most recently available age-to-age factors as the basis for the projection of the development factors. Once selected, these age-to-age factors are successively multiplied to represent the cumulative growth from the age of the given policy year (2023 or 2024) to a 19th report. At the 19th report, the policy year ratio of paid loss to paid loss plus case reserves is selected based on an average of the five most recently available policy years that have a 19th report valuation and is used as a divisor. Additionally, a policy year 19th to ultimate limited case-incurred loss development factor is applied to obtain limited losses at ultimate.

In addition to using paid losses, the Rate Bureau also projects development on a case-incurred basis. "Case-incurred losses" are defined as losses paid to date, plus case reserves. Case reserves are estimates made by insurance adjusters for the future cost of a claim, considering the facts known to the adjuster at the time the estimate is made. As with paid losses, the value of *case-incurred losses*

tends to grow as a cohort of claims matures, losses are paid, claims are closed, and the remaining case reserves are revalued.

For limited *case-incurred losses* the Rate Bureau used the unweighted average of the five most recently available age-to-age factors up to a 19th report. The use of five years is consistent with the methodology used over the past several years.

In a manner consistent with the paid loss development, policy year cumulative development to a 19th report is first calculated. Additionally, a policy year 19th to ultimate limited *case-incurred loss* development factor is applied.

Because indemnity and medical losses typically develop at different rates, loss development factors are calculated separately for these components.

Q. Is this the same loss development methodology used in the prior filing?

A. Yes, it is.

Q. Have you reviewed the loss development factors as calculated by the Rate Bureau?

A. Yes, I have.

Q. What are your conclusions?

A. I found the development factors and the development methods selected by the Rate Bureau to be reasonable.

Q. Why are "limited losses" used and what are the limits?

A. Some workers compensation losses can be very large and can have a destabilizing effect on the losses for a policy year or on the loss development factors. Consequently, the losses for policy years 2023 and 2024 have been limited by a large loss limit, as have all policy years entering the development factor calculations. Since the losses excess of the loss limit have been excluded, a factor must be applied in the analysis to "add back" those excluded costs in recognition of the fact that losses excess of the loss limit are expected to occur in the future. The Filing uses a factor of 1.013 (1.3%) to include losses excess of the limit. This factor is based on the fitted severity distributions used for the Excess Loss Pure Premium Factors in the Retrospective Rating Plan.

As might be expected, the loss limit will generally increase over time as inflation drives loss costs

upward. For example, the loss limit for the midpoint of the loss cost effective period (March 21, 2028) is approximately \$12.1 million. However, this limit is detrended to obtain the individual loss limit in each historical policy year. Appendix A-II of the Filing shows the factor to include losses excess of the limit and the limits used in each year.

Additionally, the Rate Bureau will identify certain large multi-claim occurrences as catastrophes and assign them a catastrophe number to be excluded entirely from the experience used to derive the loss cost change. Claims directly related to COVID-19 that occurred through June 30, 2023 are treated as a catastrophe, but otherwise there were no such catastrophes identified for either policy year 2023 or policy year 2024.

Q. In your opinion, is the loss limitation procedure used by the Rate Bureau reasonable?

A. Yes, it is.

Q. Why are losses adjusted to proposed benefit level?

A. The claims that occurred during policy year 2023 and policy year 2024 will receive benefits based on the law that was in effect on the date of occurrence. The benefits that will ultimately be paid for the occurrences during the expected effective period will be based on the level of benefits during that time period. By convention, the Rate Bureau estimates changes in benefits in two stages. The first adjustment is from the average benefit level based on the claims in each policy year up to the benefit level included in the April 1, 2026 filing. This adjustment is calculated in Appendix A-I of the Filing. The second adjustment is for the impact of the revised medical fee schedules: the Hospital Inpatient fee schedule change effective October 1, 2025 and other components of the medical fee schedule change effective January 1, 2026. The impact of these changes is summarized in Appendix C of the Filing.

Q. In your opinion, are the benefit level factors calculated and applied by the Rate Bureau reasonable?

A. Yes, they are.

Q. How are loss adjustment expenses included in the filed loss costs?

A. Loss adjustment expenses are included by multiplying estimated loss costs by a factor which represents the ratio of loss adjustment expenses to losses. The Rate Bureau uses three sources of information for the ratio of loss adjustment expenses to losses. The first, used for Defense and Cost Containment Expenses (DCCE), is North Carolina Policy Year data where the ratio of DCCE to loss is developed to ultimate by policy year. The second source of information is countrywide accident year ratios of Adjusting and Other Expenses (AOE), developed to ultimate and based on a special call for

accident year loss adjustment expenses. The third source is the North Carolina calendar year ratios of total LAE to total loss from insurance company statutory annual statements page 14.

Q. What factor did the Rate Bureau select to incorporate loss adjustment expenses?

A. The Rate Bureau selected a factor of 1.205, which increased from the factor of 1.200 that was used in the current loss costs.

Q. In your opinion, is the loss adjustment expense factor reasonable?

A. Yes, it is.

Q. What is trend?

A. In the Filing, trend refers to the relative movement of a loss to pure premium ratio over time, after adjustments have been made for premium and loss development and premium and loss on-level factors. If the loss to pure premium ratios, after all other adjustments have been made, drift upwards over time, this is a positive trend; if they drift downwards over time, it is a negative trend. Trend is needed because the data for policy years 2023 and 2024, even after adjustment for development and on-leveling, represent the ultimate level of costs during policy year 2023 and 2024, respectively. However, the loss costs are proposed to be applied to policies with effective dates from 4/1/2027 through 3/31/2028. Trend adjusts for the drift in the level of loss costs that is expected to occur between the date of the experience and the date of the loss cost use.

Q. How did the Rate Bureau select trend factors?

A. The Rate Bureau considered the trend factors in its current loss costs, the trend indications in other states, along with the trends indicated by North Carolina data for frequency, severity, and pure premium ratios. When looking at the severity and pure premium ratio trends, the Rate Bureau considered the indications based on both paid loss development methods and case-incurred loss development methods.

Q. How specifically are the indicated trends calculated?

A. The Rate Bureau reviewed policy year data from 2010 through 2024, but focused chiefly on policy years 2017 to 2024. For the pure premium ratio trend, a time series is constructed from the policy year pure premium ratios. The *pure premiums* that form the denominator of the pure premium ratio are developed to ultimate and adjusted to the current loss cost level. Indemnity and medical losses are analyzed separately and are developed to ultimate and adjusted to the current benefit level. The ratios of the adjusted losses to the adjusted *pure premiums* for each policy year form the time series

that is examined for drift. A linear regression is fit through the natural logarithms of the adjusted ratios via the method of least squares, and the coefficient corresponding to the slope is transformed back to the original scale to obtain an annual trend rate.

The process is similar for the frequency trend; however, in addition to development and adjustment to the 4/1/2026 loss cost level, the *pure premiums* that form the denominator are also adjusted to the policy year 2024 wage level. This is because the *pure premiums* in each historical policy year will reflect the actual workers' wages in each year (because the workers compensation exposure base is payroll). By adjusting each year to a constant wage, the *pure premiums* will be proportional to the hours worked. The number of claims per hour worked is a better measure of the true incidence of claims. The numerator of the time series for the frequency trend is the number of lost-time claims developed to ultimate. The same log-linear approach is used to find an annual trend rate of the most recent years.

The procedure used to estimate the severity trend is similar. The numerator of the severity trend time series uses policy year indemnity or medical losses developed to ultimate, adjusted to the current benefit level, and adjusted to the policy year 2024 wage level. However, since the severity trend is estimating the growth in average claim costs over time, the denominator uses the same number of lost-time claims developed to ultimate by policy year as is used in the frequency trend numerator. Because the losses in the severity trend numerator are adjusted to a common wage level, the trend calculation will be measuring the difference in the growth rate of indemnity or medical severities relative to the growth in wages. With respect to indemnity trends, since most workers compensation weekly benefits are proportional to wages, any positive observed indemnity severity trend implies that costs are increasing faster than wages. Similarly, for medical severity, any positive observed medical trend implies that medical costs are increasing faster than wages.

Since the numerator of the frequency trend is the same as the denominator of the severity trend, multiplying the two annual trend rates (expressed as a factor) together will cause the number of claims to cancel. Thus, the product of the two factors would have a numerator that is consistent with the numerator of the severity trend (ultimate losses adjusted to current benefit and wage levels) and a denominator consistent with the denominator of the frequency trend (developed *pure premiums* adjusted to current loss cost and wage levels). These are the very same elements in the numerator and denominator as were used in the pure premium ratio trend. Thus, frequency and severity trends can be viewed as underlying components of the pure premium ratio trend and their product represents a different way of estimating the pure premium ratio trend.

Q. Has trend been adjusted from what is implied by the historical experience?

A. Yes, the medical trend has been adjusted to account for the accelerated wage growth and medical inflation that occurred during and after the COVID-19 pandemic. The medical loss ratios utilized for selecting annual loss ratio trend factors have been adjusted for policy years 2020 and forward by

utilizing the change in the Quarterly Census of Employment and Wages (QCEW) average weekly wage for wage growth and the Chain-Weighted Personal Healthcare (PHC) Index for medical inflation. The historically observed annual changes in medical loss ratios were restated to reflect prospective estimates of annual wage growth (4%) and medical inflation (3%), rather than the historically observed values—as measured by the QCEW and PHC. The impact of this change is expected to be minimal.

The indemnity trend has not been adjusted because indemnity loss ratios are not necessarily expected to be distorted to the same degree by recent inflationary impacts as medical loss ratios.

Q. What did the Rate Bureau select for annual trend rates?

A. The Rate Bureau selected an indemnity pure premium annual trend factor of 0.950 (a negative 5.0% annual trend). The medical pure premium annual trend selection was a factor of 0.950 (a negative 5.0% annual trend). The end result is that the combined trend rate is negative, implying that loss costs are expected to improve between the time they were last observed (policy year 2023 and policy year 2024) and the time that they will be used (policies written between 4/1/2027 and 3/31/2028). These trends compare to selected trends in the prior filing of 0.955 (a negative 4.5% annual trend) for indemnity pure premium and 0.950 (a negative 5.0% annual trend) for medical pure premium.

Q. In your opinion, are the Rate Bureau's selected annual trends in the Filing reasonable?

A. Yes.

Q. Has the Rate Bureau made any changes to the methodology used to determine the Experience Rating Plan Values included in this filing?

A. No, the Rate Bureau has not.

Q. What changes has the Rate Bureau made to the Experience Rating Plan Values?

A. The Rate Bureau increased the experience rating split point from \$26,000 to \$26,500. The Rate Bureau also changed the Experience Rating Premium Eligibility Thresholds, with the 24-Month Subject Premium increasing from \$15,000 to \$16,000 and the Average Annual Subject Premium increasing from \$7,500 to \$8,000.

Q. What changes has the Rate Bureau made to the Retrospective Rating Plan Values?

A. The Rate Bureau incorporated in this filing NCCI's Item Filing R-1425, which proposes changes to update the Retrospective Rating Plan Parameters. This item revises Excess Loss Pure Premium Factors (ELPPFs), Excess Loss and Allocated Expense Pure Premium Factors (ELAPPFS), and state average cost per case values by hazard group.

Q. You have explained the experience used in the loss cost filing, the adjustment made to the data with respect to development, the adjustment to current loss cost level, the adjustment to current benefit level, the adjustment to include losses excess of the loss limit, the adjustment to include loss adjustment expenses, and the adjustment for trend. You have concluded that each of these was reasonable, have you not?

A. Yes.

Q. In your opinion, are there any adjustments or factors that the Rate Bureau should have included in its analysis but has not?

A. No, there are not.

Q. Do you have an opinion on the reasonableness of the overall change in loss costs proposed by the Rate Bureau?

A. Yes, my conclusion is that the Rate Bureau used appropriate actuarial methods and reasonable assumptions in its calculation of the overall change in loss costs in the voluntary loss cost filing. I therefore conclude that the result, a filing for an overall decrease in the level of loss costs by 10.6% for the industrial classifications, is reasonable and actuarially sound.

Q. Has the methodology used by the Rate Bureau to determine the overall change in loss cost level materially changed from the methodology used in the prior loss cost filing?

A. No, it has not.

Q. Have you reviewed the methodology the Rate Bureau used to calculate the industry group differentials?

A. Yes, I have.

Q. Do you have an opinion as to whether that methodology, the resulting industry group differentials, and the resulting changes by industry group are reasonable?

A. Yes, I believe that the methodology, the resulting industry group differentials, and the resulting changes by industry group are all reasonable.

Q. Has the methodology proposed for determining the loss costs for the Federal classifications ("F-classes") changed?

A. No, it has not.

Q. Have you reviewed the methodology used to determine the overall change for the F classifications?

A. Yes, I have.

Q. Do you have an opinion whether the methodology used and the resulting change for the F classifications is reasonable?

A. Yes, I believe that the methodology used and resulting overall decrease of 11.1% for the F classifications are reasonable.

Q. For the industrial classifications, have you reviewed the methodology used to spread the overall industry group changes to loss cost level to the individual classification loss costs within each industry group?

A. Yes, I have.

Q. Have there been any changes to the methodology used to distribute the overall loss cost change by industry group to the individual classifications within each industry?

A. No, there have not.

Q. Are swing limits still applied?

A. Yes. Swing limits are applied similarly to prior filings, namely, the maximum loss cost change for any given classification is limited. For the industrial classifications, the limits remain the industry group average change plus or minus 25%. For the F classifications, the Rate Bureau is continuing with the plus or minus 15% used in the prior filing.

Q. Why are swing limits used in the rate filing?

A. Swing limits moderate extreme year-to-year changes while still allowing rates to move toward indicated levels.

Q. In your opinion, is this methodology reasonable and are the resulting loss costs by classification reasonable?

A. Yes.

Q. Do you have an opinion whether the filed loss costs are actuarially sound and reasonably reflect the needed level of loss costs for workers compensation insurance in North Carolina?

A. Yes, in my opinion the overall level of the loss costs as filed by the Rate Bureau reasonably reflects the expected level of loss costs for workers compensation insurance in North Carolina for the time period during which they are proposed to be in effect, and the loss costs by classification as contained in this filing are actuarially sound. Further it is my opinion that the filed loss costs are not excessive, inadequate, or unfairly discriminatory.

Q. Does this conclude your testimony?

A. Yes, it does.