



North Carolina Reinsurance Facility

October 30, 2023

Honorable Mike Causey
Commissioner of Insurance
North Carolina Department of Insurance
Raleigh, North Carolina 27611

Re: Revision of Commercial Automobile
Insurance Rates

Dear Sir:

Pursuant to North Carolina General Statute 58-37-35(l), the North Carolina Reinsurance Facility hereby files on behalf of its member companies revised basic limits premium rates for liability insurance for trucks, tractors and trailers, auto dealers, zone rated vehicles, and private passenger types not eligible for rating under the North Carolina Personal Auto Manual for such coverages rated under the Facility's Commercial Automobile Manual.

Enclosed are memoranda and exhibits which set forth and explain the calculations of the revised rates and rating factors. The rates established herein are based upon automobile liability insurance experience for the five years ending December 31, 2022 and automobile liability insurance expense data for calendar year ending December 31, 2022, the latest years for which such data are available.

The information and statistical data required pursuant to G.S. 58-36-15(h) are included. Additionally, the pre-filed testimony of (a) Joanna Biliouris, General Manager - North Carolina Reinsurance Facility; (b) James Davidson, Senior Actuarial Director, Commercial Casualty Lines (including Automobile) - Insurance Services Office; and (c) Alyssa Irving, Senior Managing Director – Fixed Income Portfolio Manager, Wellington Management Company, LLP is submitted herewith.

These revised rates will become effective April 1, 2024, in accordance with the following Rule of Application:

These changes are applicable to all policies becoming effective on or after April 1, 2024. No policy effective prior to April 1, 2024 shall be endorsed or cancelled and rewritten to take advantage of or to avoid the application of these changes except at the request of the insured and at the customary

short rate charges as of the date of such requests, but in no event prior to April 1, 2024.

If you have any questions regarding this filing, please feel free to contact me.

Very truly yours,

A handwritten signature in black ink, appearing to read "Thomas F. Burns", with a long horizontal flourish extending to the right.

Thomas F. Burns
Director Auto Operations
North Carolina Reinsurance Facility

NORTH CAROLINA REINSURANCE FACILITY
REVISION OF RATES FOR COMMERCIAL AUTOMOBILE LIABILITY INSURANCE

This section contains the revision of rates for classes of business ceded to the Reinsurance Facility that appear in the North Carolina Reinsurance Facility Commercial Automobile Insurance Manual of Rules and Rates.

Set forth below are the percentage changes in manual rates resulting from this revision for the major classes of Commercial business.

<u>Classes and Coverages</u>	<u>Filed Percentage Changes</u>	
	<u>Basic</u> <u>Limits</u>	<u>Total</u> <u>Limits</u>
<u>Trucks, Tractors, and Trailers Liability</u>		
Bodily Injury (30/60)	10.6%	11.6%
Property Damage (25)	18.1%	21.8%
<u>Private Passenger Types Liability</u>		
Bodily Injury (30/60)	26.9%	27.7%
Property Damage (25)	45.8%	47.8%
<u>Auto Dealers</u>		
Bodily Injury (30/60)	-5.3%	-4.7%
Property Damage (25)	2.5%	3.6%
<u>Zone Rated Risks</u>		
Bodily Injury (30/60)	4.1%	5.3%
Property Damage (25)	20.1%	26.7%
<u>Publics</u>		
Bodily Injury (30/60)	-0.9%	-0.1%
Property Damage (25)	-1.7%	0.4%
Grand Total	10.8%	12.7%

The material included in this review is arranged as follows:

- Section A - Summary of Rate Level Indications
- Section B - Determination of the Statewide Rate Level Indications
- Section C - Exhibits of Revised Rates
- Section D - Supporting Exhibits
- Section E - Revision of Increased Limits Factors
- Section F - Increased Limits Experience Review
- Section G - Revision of Increased Limits Tables
- Section H - Publics Relativities

North Carolina Reinsurance Facility Summary of Indications

	<u>Basic Limits Indications</u>	<u>Increased Limits Indications</u>	<u>Total Limits Indications</u>
<u>TRUCKS, TRACTORS, & TRAILERS</u>			
Bodily Injury	10.6%	0.9%	11.6%
Property Damage	18.1%	3.1%	21.8%
Total	12.9%	1.6%	14.7%
<u>PRIVATE PASSENGER TYPES</u>			
Bodily Injury	26.9%	0.6%	27.7%
Property Damage	45.8%	1.4%	47.8%
Total	34.5%	0.9%	35.7%
<u>AUTO DEALERS</u>			
Bodily Injury	-5.3%	0.6%	-4.7%
Property Damage	2.5%	1.1%	3.6%
Total	-2.3%	0.8%	-1.5%
<u>ZONE-RATED RISKS</u>			
Bodily Injury	4.1%	1.2%	5.3%
Property Damage	20.1%	5.5%	26.7%
Total	6.8%	1.9%	8.8%
<u>PUBLICS</u>			
Bodily Injury	-0.9%	0.8%	-0.1%
Property Damage	-1.7%	2.2%	0.4%
Total	-1.1%	0.0%	-1.1%
<u>OVERALL</u>			
Bodily Injury	8.1%	1.0%	9.2%
Property Damage	17.9%	3.6%	22.1%
Total	10.8%	1.7%	12.7%

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SECTION A

Summary of Rate Level Indications

North Carolina Reinsurance Facility
Automobile Liability Insurance
Rate Level Indications

	Trucks			P.P. Types			Auto Dealers			Zone Rated Risks		
	Basic Limits			Total Limits			Basic Limits			Basic Limits		
	B.I.	P.D.	Comb.	B.I.	P.D.	Comb.	B.I.	P.D.	Comb.	B.I.	P.D.	Comb.
1. Credibility Weighted Rate Level Loss Ratio	0.856	0.922		0.999	1.165		0.681	0.749		0.855	1.004	
2. Trended Fixed Expense Ratio (a)	0.114	0.114		0.114	0.114		0.148	0.148		0.114	0.114	
3. Sum of (1) and (2)	0.970	1.036		1.113	1.279		0.829	0.897		0.969	1.118	
4. Expected Loss Ratio + Exp. Fixed Expense Ratio(b)	0.827	0.827		0.827	0.827		0.827	0.827		0.877	0.877	
5. Indicated Rate Level Change $[(3)/(4)-1] \times 100$	17.3%	25.3%	19.7%	34.6%	54.7%	42.7%	0.2%	8.5%	3.4%	10.5%	27.5%	13.3%
6. Indications Reflecting Investment Income (c)	10.6%	18.1%	12.9%	26.9%	45.8%	34.5%	-5.3%	2.5%	-2.3%	4.1%	20.1%	6.8%

(a) Trended Fixed Expense Ratio is the sum of other acquisition expenses and general expenses multiplied by the average annual change in expenses projected for n years.

	Trucks	P.P. Types	Auto Dealers	Zone Rated
Sum of Other Acquisition Expense and General Expenses	10.1%	10.1%	13.1%	10.1%
Avg. Annual Change in Expenses	5.5%	5.5%	5.5%	5.5%
Years Projected (n)	2.25	2.25	2.25	2.25

(b) This ratio represents the percentage of the premium dollar available to cover losses, loss adjustment expenses, other acquisition costs and general expenses. It is calculated as 1.00 minus the provision for commissions and taxes, licenses and fees (see Section D, Exhibit 4).

(c) Reflects Investment Income on Earned Premium $[(3)/(0.827 + 0.0501)-1] \times 100$ for Trucks, Tractors, and Trailers and Private Passenger Types, and $[(3)/(0.827 + 0.0480)-1] \times 100$ for Auto Dealers, and $[(3)/(0.877 + 0.0539)-1] \times 100$ for Zone Rated Risks.

Investment Income (Trucks and Private Passenger Types):	5.01%
Investment Income (Auto Dealers):	4.80%
Investment Income (Zone Rated):	5.39%

SECTION B

Determination of Statewide Rate Level Indications

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE LIABILITY

DETERMINATION OF STATEWIDE RATE LEVEL CHANGES
SPLIT LIMIT LIABILITY COVERAGE

Experience - The statewide rate level indications on these exhibits were determined separately for bodily injury and property damage. For Trucks, Tractors, & Trailers, Private Passenger Types, Auto Dealers and Zone Rated Risks, the limits on which the indications are based are \$30,000 per person, subject to \$60,000 per occurrence, for bodily injury and \$25,000 per occurrence for property damage.

Premiums - The earned premiums are the premiums that would have resulted if present rates had been charged during the experience period. Therefore, they reflect fully any rate and rule changes that have occurred during and since the experience period; however, they have not been adjusted to reflect the new applicability of sales tax to the labor of auto repairs, which became effective March 1, 2016. No trend in premium (or rating exposure) is assumed.

Losses - As described on the exhibit, unallocated loss adjustment expenses have been included with losses and allocated loss expense by use of appropriate factors. Also, the losses have been developed to an ultimate settlement basis.

Expenses - Unallocated loss adjustment expenses are trended separately from losses and then combined. Underwriting expenses are separated into fixed and variable expense and are appropriately trended.

Exhibit 1 - Trucks, Tractors, & Trailers Liability

Exhibit 2 - Private Passenger Types Liability

Exhibit 3 - Auto Dealers Liability

Exhibit 4 - Zone Rated Risks Liability

NORTH CAROLINA REINSURANCE FACILITY
AUTOMOBILE LIABILITY INSURANCE - TRUCKS, TRACTORS, AND TRAILERS
DETERMINATION OF STATEWIDE ADVISORY RATE LEVEL CHANGES
SPLIT LIMIT LIABILITY COVERAGE
BODILY INJURY AND PROPERTY DAMAGE

Section B
Exhibit 1
Sheet 1

	(1) (30/60/25)	(2) (30/60/25)	(3) LOSS & LOSS ADJUSTMENT RATIO <u>(2) / (1)</u>	(4) ACCIDENT YEAR <u>WEIGHTS</u>	(5) NUMBER OF INCURRED <u>CLAIMS</u>	
BI	12/31/2018	\$21,558,682	\$22,667,750	1.051	5%	944
	12/31/2019	22,300,347	22,790,563	1.022	10%	895
	12/31/2020	22,975,080	18,300,174	0.797	15%	792
	12/31/2021	25,044,971	23,396,951	0.934	25%	986
	12/31/2022	23,789,359	18,419,621	0.774	45%	887
PD	12/31/2018	\$24,797,812	\$29,099,520	1.173	5%	3,010
	12/31/2019	25,686,126	26,102,978	1.016	10%	2,994
	12/31/2020	26,469,673	22,189,157	0.838	15%	2,583
	12/31/2021	28,923,597	26,560,914	0.918	25%	3,008
	12/31/2022	27,513,077	24,855,518	0.903	45%	2,959
					<u>B.I.</u>	<u>P.D.</u>
(6)	WEIGHTED LOSS & LOSS ADJUSTMENT RATIO SUM OF ((3) X (4)).			0.856		0.922
(7)	EXPECTED LOSS RATIO (C).			0.726		0.726
(8)	ADJUSTED EXPECTED LOSS RATIO (D).			0.789		0.820
(9)	CREDIBILITY (E).			1.00		1.00
(10)	RATE LEVEL LOSS RATIO (WEIGHTING OF (6) & (8) BASED UPON CREDIBILITY (9)).			0.856		0.922
(A)	TRUCKS EXPERIENCE IS FOR ALL THOSE VEHICLES RATED IN ACCORDANCE WITH RULE 32.					
(B)	SEE SHEET 2 OF THIS EXHIBIT.					
(C)	EXPECTED LOSS RATIO IS THE COMPLEMENT OF THE TOTAL EXPENSE LOADING. EXPENSE LOADINGS ARE AS FOLLOWS:					
	TOTAL PRODUCTION COST:			14.5%		
	GENERAL EXPENSE:			5.6%		
	TAXES, LICENSES AND FEES:			2.3%		
	UNDERWRITING PROFIT AND CONTINGENCIES:			5.0%		
(D)	ADJUSTED EXPECTED LOSS RATIO IS LINE (7) MULTIPLIED BY THE COMBINED WEIGHTED LOSS AND EXPENSE TREND FACTOR (6.9% FOR BI, 10.2% FOR PD), PROJECTED FOR M YEARS. THE PERIOD M IS EQUAL TO THE NUMBER OF YEARS FROM 1.25 YEARS BEYOND THE ASSUMED EFFECTIVE DATE OF THE LAST FILING (10/1/2022) TO ONE YEAR BEYOND THE CURRENT PROSPECTIVE EFFECTIVE DATE OF 04/01/2024. IN THIS ANALYSIS, THE PERIOD IS 1.25 YEARS.					
(E)	CREDIBILITY IS BASED UPON A 5 YEAR TOTAL OF B.I. AND P.D. CLAIMS, SHOWN IN COL. (5). THE STANDARD FOR FULL CREDIBILITY IS 1084 CLAIMS.					

NORTH CAROLINA REINSURANCE FACILITY
AUTOMOBILE LIABILITY INSURANCE - TRUCKS, TRACTORS, AND TRAILERS
DETERMINATION OF SPLIT LIMIT LOSSES

Section B
Exhibit 1
Sheet 2

	ACCIDENT YEAR <u>ENDING</u>	BODILY INJURY <u>(30/60)</u>	PROPERTY DAMAGE <u>(25000)</u>
1-INCURRED LOSSES AND	12/31/2018	\$13,660,538	\$14,099,390
ALLOCATED LOSS ADJUSTMENT EXPENSES	12/31/2019	14,366,534	13,925,275
	12/31/2020	11,851,528	12,998,289
	12/31/2021	14,858,782	16,934,005
	12/31/2022	9,742,393	16,413,357
2-DEVELOPED LOSSES (A) &	12/31/2018	\$13,660,538	\$14,099,390
ALLOCATED LOSS ADJUSTMENT EXPENSES	12/31/2019	14,682,598	13,939,200
	12/31/2020	12,610,026	13,063,280
	12/31/2021	17,236,187	17,238,817
	12/31/2022	14,516,166	17,775,666
3-UNTRENDED UNALLOCATED	12/31/2018	\$764,990	\$1,001,057
LOSS ADJUSTMENT EXPENSES (B)	12/31/2019	822,225	989,683
	12/31/2020	706,161	927,493
	12/31/2021	965,226	1,223,956
	12/31/2022	812,905	1,262,072
4-AVERAGE ANNUAL CHANGE IN		7.0%	10.5%
LOSS RATIOS (Section D, Exhibit 2)			
5-AVERAGE ANNUAL CHANGE IN UNALLOCATED		5.5%	5.5%
LOSS ADJUSTMENT EXPENSE (Section D, Exhibit 3)			
6-TRENDED LOSSES & LOSS	12/31/2018	\$22,667,750	\$29,099,520
ADJUSTMENT EXPENSES (C)	12/31/2019	22,790,563	26,102,978
	12/31/2020	18,300,174	22,189,157
	12/31/2021	23,396,951	26,560,914
	12/31/2022	18,419,621	24,855,518

(A) MODIFY (1) BY THE FOLLOWING LOSS DEVELOPMENT FACTORS (Section D, Exhibit 1):

<u>YEAR ENDING</u>	<u>B.I.</u>	<u>P.D.</u>
12/31/2018	1.000	1.000
12/31/2019	1.022	1.001
12/31/2020	1.064	1.005
12/31/2021	1.160	1.018
12/31/2022	1.490	1.083

(B) MULTIPLY (2) BY THE FOLLOWING UNALLOCATED LOSS ADJUSTMENT EXPENSE TO LOSSES AND ALLOCATED FACTORS (Section D, Exhibit 4):

<u>B.I.</u>	<u>P.D.</u>
0.056	0.071

(C) TRENDED LOSSES AND ALLOCATED LOSS ADJUSTMENT EXPENSE = (2) X [1.0 + (4)]**N;
TRENDED UNALLOCATED LOSS ADJUSTMENT EXPENSE = (3) X [1.0 + (5)]**N, WHERE N
EQUALS THE NUMBER OF YEARS FROM AVERAGE DATE OF ACCIDENT TO ONE YEAR BEYOND
THE PROSPECTIVE EFFECTIVE DATE OF 04/01/2024.

ACCIDENT <u>YEAR ENDING</u>	AVERAGE DATE <u>OF ACCIDENT</u>	PROJECTION <u>PERIOD</u>
12/31/2018	7/1/2018	6.750
12/31/2019	7/1/2019	5.750
12/31/2020	7/1/2020	4.750
12/31/2021	7/1/2021	3.750
12/31/2022	7/1/2022	2.750

NORTH CAROLINA REINSURANCE FACILITY
AUTOMOBILE LIABILITY INSURANCE - PRIVATE PASSENGER TYPES
DETERMINATION OF STATEWIDE ADVISORY RATE LEVEL CHANGES
SPLIT LIMIT LIABILITY COVERAGE
BODILY INJURY AND PROPERTY DAMAGE

Section B
Exhibit 2
Sheet 1

	(1) (30/60/25) ACCIDENT YEARS <u>ENDING</u>	(2) (30/60/25) LIMITS EARNED PREMIUM AT <u>PRESENT RATES (A)</u>	(3) LOSS & LOSS ADJUSTMENT RATIO <u>(2) / (1)</u>	(4) ACCIDENT YEAR <u>WEIGHTS</u>	(5) NUMBER OF INCURRED <u>CLAIMS</u>	
BI	12/31/2018	\$478,473	\$868,395	1.815	5%	64
	12/31/2019	787,217	1,157,002	1.470	10%	99
	12/31/2020	1,161,200	936,928	0.807	15%	111
	12/31/2021	1,799,639	2,468,563	1.372	25%	203
	12/31/2022	1,349,708	1,161,547	0.861	45%	119
PD	12/31/2018	\$541,748	\$713,734	1.317	5%	155
	12/31/2019	891,638	936,384	1.050	10%	192
	12/31/2020	1,315,214	1,117,477	0.850	15%	237
	12/31/2021	2,038,349	2,440,586	1.197	25%	399
	12/31/2022	1,529,147	1,929,007	1.261	45%	313

	<u>B.I.</u>	<u>P.D.</u>
(6) WEIGHTED LOSS & LOSS ADJUSTMENT RATIO SUM OF ((3) X (4)).	1.089	1.165
(7) EXPECTED LOSS RATIO (C).	0.726	0.726
(8) ADJUSTED EXPECTED LOSS RATIO (D).	0.789	0.820
(9) CREDIBILITY (E).	0.70	1.00
(10) RATE LEVEL LOSS RATIO (WEIGHTING OF (6) & (8) BASED UPON CREDIBILITY (9)).	0.999	1.165
(A) CLASS 7398.		
(B) SEE SHEET 2 OF THIS EXHIBIT.		
(C) EXPECTED LOSS RATIO IS THE COMPLEMENT OF THE TOTAL EXPENSE LOADING. EXPENSE LOADINGS ARE AS FOLLOWS:		
TOTAL PRODUCTION COST:	14.5%	
GENERAL EXPENSE:	5.6%	
TAXES, LICENSES AND FEES:	2.3%	
UNDERWRITING PROFIT AND CONTINGENCIES:	5.0%	
(D) ADJUSTED EXPECTED LOSS RATIO IS LINE (7) MULTIPLIED BY THE COMBINED WEIGHTED LOSS AND EXPENSE TREND FACTOR (6.9% FOR BI, 10.2% FOR PD), PROJECTED FOR M YEARS. THE PERIOD M IS EQUAL TO THE NUMBER OF YEARS FROM 1.25 YEARS BEYOND THE ASSUMED EFFECTIVE DATE OF THE LAST FILING (10/1/2022) TO ONE YEAR BEYOND THE CURRENT PROSPECTIVE EFFECTIVE DATE OF 04/01/2024. IN THIS ANALYSIS, THE PERIOD IS 1.25 YEARS.		
(E) CREDIBILITY IS BASED UPON A 5 YEAR TOTAL OF B.I. AND P.D. CLAIMS, SHOWN IN COL. (5). THE STANDARD FOR FULL CREDIBILITY IS 1084 CLAIMS.		

NORTH CAROLINA REINSURANCE FACILITY
AUTOMOBILE LIABILITY INSURANCE - PRIVATE PASSENGER TYPES
DETERMINATION OF SPLIT LIMIT LOSSES

	ACCIDENT YEAR <u>ENDING</u>	BODILY INJURY <u>(30/60)</u>	PROPERTY DAMAGE <u>(25000)</u>
1-INCURRED LOSSES AND ALLOATED LOSS ADJUSTMENT EXPENSES	12/31/2018	\$523,331	\$345,821
	12/31/2019	745,387	500,036
	12/31/2020	645,605	656,572
	12/31/2021	1,610,765	1,577,701
	12/31/2022	673,579	1,216,533
2-DEVELOPED LOSSES (A) & ALLOATED LOSS ADJUSTMENT EXPENSES	12/31/2018	\$523,331	\$345,821
	12/31/2019	745,387	500,036
	12/31/2020	645,605	657,885
	12/31/2021	1,818,554	1,584,012
	12/31/2022	915,394	1,379,548
3-UNTRENDED UNALLOCATED LOSS ADJUSTMENT EXPENSES (B)	12/31/2018	\$29,307	\$24,553
	12/31/2019	41,742	35,503
	12/31/2020	36,154	46,710
	12/31/2021	101,839	112,465
	12/31/2022	51,262	97,948
4-AVERAGE ANNUAL CHANGE IN LOSS RATIOS (Section D, Exhibit 2)		7.0%	10.5%
5-AVERAGE ANNUAL CHANGE IN UNALLOCATED LOSS ADJUSTMENT EXPENSE (Section D, Exhibit 3)		5.5%	5.5%
6-TRENDED LOSSES & LOSS ADJUSTMENT EXPENSES (C)	12/31/2018	\$868,395	\$713,734
	12/31/2019	1,157,002	936,384
	12/31/2020	936,928	1,117,477
	12/31/2021	2,468,563	2,440,586
	12/31/2022	1,161,547	1,929,007

(A) MODIFY (1) BY THE FOLLOWING LOSS DEVELOPMENT FACTORS (Section D, Exhibit 1):

<u>YEAR ENDING</u>	<u>B.I.</u>	<u>P.D.</u>
12/31/2018	1.000	1.000
12/31/2019	1.000	1.000
12/31/2020	1.000	1.002
12/31/2021	1.129	1.004
12/31/2022	1.359	1.134

(B) MULTIPLY (2) BY THE FOLLOWING UNALLOCATED LOSS ADJUSTMENT EXPENSE TO LOSSES AND
ALLOCATED FACTORS (Section D, Exhibit 4):

<u>B.I.</u>	<u>P.D.</u>
0.056	0.071

(C) TRENDED LOSSES AND ALLOATED LOSS ADJUSTMENT EXPENSE = (2) X [1.0 + (4)]**N;
TRENDED UNALLOCATED LOSS ADJUSTMENT EXPENSE = (3) X [1.0 + (5)]**N, WHERE N
EQUALS THE NUMBER OF YEARS FROM AVERAGE DATE OF ACCIDENT TO ONE YEAR BEYOND
THE PROSPECTIVE EFFECTIVE DATE OF 04/01/2024.

ACCIDENT <u>YEAR ENDING</u>	AVERAGE DATE <u>OF ACCIDENT</u>	PROJECTION <u>PERIOD</u>
12/31/2018	7/1/2018	6.750
12/31/2019	7/1/2019	5.750
12/31/2020	7/1/2020	4.750
12/31/2021	7/1/2021	3.750
12/31/2022	7/1/2022	2.750

NORTH CAROLINA REINSURANCE FACILITY
AUTOMOBILE LIABILITY INSURANCE - AUTO DEALERS
DETERMINATION OF STATEWIDE ADVISORY RATE LEVEL CHANGES
SPLIT LIMIT LIABILITY COVERAGE
BODILY INJURY AND PROPERTY DAMAGE

Section B
Exhibit 3
Sheet 1

	(1) (30/60/25)	(2) (30/60/25)	(3)	(4)	(5)
ACCIDENT YEARS	LIMITS EARNED PREMIUM AT	LIMITS INCURRED	LOSS & LOSS ADJUSTMENT RATIO	POLICY YEAR	NUMBER OF INCURRED
<u>ENDING</u>	<u>PRESENT RATES (A)</u>	<u>LOSSES (B)</u>	<u>(2) / (1)</u>	<u>WEIGHTS</u>	<u>CLAIMS</u>
BI 12/31/2018	\$1,672,424	\$1,277,341	0.764	5%	88
12/31/2019	1,668,660	1,466,815	0.879	10%	68
12/31/2020	1,712,006	1,679,266	0.981	15%	65
12/31/2021	1,646,647	1,006,457	0.611	25%	54
12/31/2022	1,409,933	695,601	0.493	45%	62
PD 12/31/2018	\$1,709,054	\$1,741,543	1.019	5%	170
12/31/2019	1,701,626	1,438,954	0.846	10%	162
12/31/2020	1,754,186	1,139,768	0.650	15%	113
12/31/2021	1,702,186	1,355,504	0.796	25%	142
12/31/2022	1,451,005	1,021,704	0.704	45%	130

	<u>B.I.</u>	<u>P.D.</u>
(6) WEIGHTED LOSS & LOSS ADJUSTMENT RATIO SUM OF ((3) X (4)).	0.648	0.749
(7) EXPECTED LOSS RATIO (C).	0.696	0.696
(8) ADJUSTED EXPECTED LOSS RATIO (D).	0.757	0.786
(9) CREDIBILITY (E).	0.70	1.00
(10) RATE LEVEL LOSS RATIO (WEIGHTING OF (6) & (8) BASED UPON CREDIBILITY (9)).	0.681	0.749

(A) AUTO DEALERS EXPERIENCE IS FOR ALL AUTO DEALERS RISKS WRITTEN IN ACCORDANCE WITH RULE 52 OF THE COMMERCIAL AUTO MANUAL.

(B) SEE SHEET 2 OF THIS EXHIBIT.

(C) EXPECTED LOSS RATIO IS THE COMPLEMENT OF THE TOTAL EXPENSE LOADING. EXPENSE LOADINGS ARE AS FOLLOWS:

TOTAL PRODUCTION COST:	14.5%
GENERAL EXPENSE:	8.6%
TAXES, LICENSES AND FEES:	2.3%
UNDERWRITING PROFIT AND CONTINGENCIES:	5.0%

(D) ADJUSTED EXPECTED LOSS RATIO IS LINE (7) MULTIPLIED BY THE COMBINED WEIGHTED LOSS AND EXPENSE TREND FACTOR (6.9% FOR BI, 10.2% FOR PD), PROJECTED FOR M YEARS. THE PERIOD M IS EQUAL TO THE NUMBER OF YEARS FROM 1.25 YEARS BEYOND THE ASSUMED EFFECTIVE DATE OF THE LAST FILING (10/1/2022) TO ONE YEAR BEYOND THE CURRENT PROSPECTIVE EFFECTIVE DATE OF 04/01/2024. IN THIS ANALYSIS, THE PERIOD IS 1.25 YEARS.

(E) CREDIBILITY IS BASED UPON A 5 YEAR TOTAL OF B.I. AND P.D. CLAIMS, SHOWN IN COL. (5). THE STANDARD FOR FULL CREDIBILITY IS 683 CLAIMS.

NORTH CAROLINA REINSURANCE FACILITY
AUTOMOBILE LIABILITY INSURANCE - AUTO DEALERS
DETERMINATION OF SPLIT LIMIT LOSSES

Section B
Exhibit 3
Sheet 2

	ACCIDENT YEAR <u>ENDING</u>	BODILY INJURY <u>(30/60)</u>	PROPERTY DAMAGE <u>(25000)</u>
1-INCURRED LOSSES AND ALLOATED LOSS ADJUSTMENT EXPENSES	12/31/2018	\$769,779	\$843,818
	12/31/2019	916,567	768,413
	12/31/2020	1,122,333	670,338
	12/31/2021	719,148	873,646
	12/31/2022	471,764	725,603
2-DEVELOPED LOSSES (A) & ALLOATED LOSS ADJUSTMENT EXPENSES	12/31/2018	\$769,779	\$843,818
	12/31/2019	944,981	768,413
	12/31/2020	1,157,125	671,008
	12/31/2021	741,442	879,762
	12/31/2022	548,190	730,682
3-UNTRENDED UNALLOCATED LOSS ADJUSTMENT EXPENSES (B)	12/31/2018	\$43,108	\$59,911
	12/31/2019	52,919	54,557
	12/31/2020	64,799	47,642
	12/31/2021	41,521	62,463
	12/31/2022	30,699	51,878
4-AVERAGE ANNUAL CHANGE IN LOSS RATIOS (Section D, Exhibit 2)		7.0%	10.5%
5-AVERAGE ANNUAL CHANGE IN UNALLOCATED LOSS ADJUSTMENT EXPENSE (Section D, Exhibit 3)		5.5%	5.5%
6-TRENDED LOSSES & LOSS ADJUSTMENT EXPENSES (C)	12/31/2018	\$1,277,341	\$1,741,543
	12/31/2019	1,466,815	1,438,954
	12/31/2020	1,679,266	1,139,768
	12/31/2021	1,006,457	1,355,504
	12/31/2022	695,601	1,021,704

(A) MODIFY (1) BY THE FOLLOWING LOSS DEVELOPMENT FACTORS (Section D, Exhibit 1):

<u>YEAR ENDING</u>	<u>B.I.</u>	<u>P.D.</u>
12/31/2018	1.000	1.000
12/31/2019	1.031	1.000
12/31/2020	1.031	1.001
12/31/2021	1.031	1.007
12/31/2022	1.162	1.007

(B) MULTIPLY (2) BY THE FOLLOWING UNALLOCATED LOSS ADJUSTMENT EXPENSE TO LOSSES AND
ALLOATED FACTORS (Section D, Exhibit 4):

<u>B.I.</u>	<u>P.D.</u>
0.056	0.071

(C) TRENDED LOSSES AND ALLOATED LOSS ADJUSTMENT EXPENSE = (2) X [1.0 + (4)]**N;
TRENDED UNALLOCATED LOSS ADJUSTMENT EXPENSE = (3) X [1.0 + (5)]**N, WHERE N
EQUALS THE NUMBER OF YEARS FROM AVERAGE DATE OF ACCIDENT TO ONE YEAR BEYOND
THE PROSPECTIVE EFFECTIVE DATE OF 04/01/2024.

<u>ACCIDENT YEAR ENDING</u>	<u>AVERAGE DATE OF ACCIDENT</u>	<u>PROJECTION PERIOD</u>
12/31/2018	7/1/2018	6.750
12/31/2019	7/1/2019	5.750
12/31/2020	7/1/2020	4.750
12/31/2021	7/1/2021	3.750
12/31/2022	7/1/2022	2.750

NORTH CAROLINA REINSURANCE FACILITY
AUTOMOBILE LIABILITY INSURANCE - ZONE RATED
DETERMINATION OF STATEWIDE ADVISORY RATE LEVEL CHANGES
SPLIT LIMIT LIABILITY COVERAGE
BODILY INJURY AND PROPERTY DAMAGE

Section B
Exhibit 4
Sheet 1

	(1) (30/60/25)	(2) (30/60/25)	(3) LOSS & LOSS ADJUSTMENT RATIO	(4) POLICY YEAR WEIGHTS	(5) NUMBER OF INCURRED CLAIMS
ACCIDENT YEARS ENDING	LIMITS EARNED PREMIUM AT <u>PRESENT RATES (A)</u>	LIMITS INCURRED <u>LOSSES (B)</u>	<u>(2) / (1)</u>		
BI 12/31/2018	\$9,498,619	\$9,740,999	1.026	5%	258
12/31/2019	8,703,888	8,371,792	0.962	10%	224
12/31/2020	6,246,559	6,412,391	1.027	15%	177
12/31/2021	7,769,396	5,183,421	0.667	25%	168
12/31/2022	5,842,554	5,022,314	0.860	45%	156
PD 12/31/2018	\$8,358,216	\$9,968,025	1.193	5%	817
12/31/2019	7,662,046	9,401,828	1.227	10%	815
12/31/2020	5,499,582	5,905,625	1.074	15%	542
12/31/2021	6,838,934	6,617,413	0.968	25%	627
12/31/2022	5,141,650	4,780,725	0.930	45%	496

	<u>B.I.</u>	<u>P.D.</u>
(6) WEIGHTED LOSS & LOSS ADJUSTMENT RATIO SUM OF ((3) X (4)).	0.855	1.004
(7) EXPECTED LOSS RATIO (C).	0.776	0.776
(8) ADJUSTED EXPECTED LOSS RATIO (D).	0.843	0.876
(9) CREDIBILITY (E).	1.00	1.00
(10) RATE LEVEL LOSS RATIO (WEIGHTING OF (6) & (8) BASED UPON CREDIBILITY (9)).	0.855	1.004

(A) ZONE RATED EXPERIENCE IS FOR ALL ZONE RATED RISKS
WRITTEN IN ACCORDANCE WITH THE COMMERCIAL AUTO MANUAL.

(B) SEE SHEET 2 OF THIS EXHIBIT.

(C) EXPECTED LOSS RATIO IS THE COMPLEMENT OF THE TOTAL EXPENSE
LOADING. EXPENSE LOADINGS ARE AS FOLLOWS:

TOTAL PRODUCTION COST:	9.5%
GENERAL EXPENSE:	5.6%
TAXES, LICENSES AND FEES:	2.3%
UNDERWRITING PROFIT AND CONTINGENCIES:	5.0%

(D) ADJUSTED EXPECTED LOSS RATIO IS LINE (7) MULTIPLIED BY THE COMBINED WEIGHTED
LOSS AND EXPENSE TREND FACTOR (6.9% FOR BI, 10.2% FOR PD), PROJECTED
FOR M YEARS. THE PERIOD M IS EQUAL TO THE NUMBER OF YEARS FROM 1.25 YEARS
BEYOND THE ASSUMED EFFECTIVE DATE OF THE LAST FILING (10/1/2022) TO ONE YEAR
BEYOND THE CURRENT PROSPECTIVE EFFECTIVE DATE OF 04/01/2024. IN THIS ANALYSIS,
THE PERIOD IS 1.25 YEARS.

(E) CREDIBILITY IS BASED UPON A 5 YEAR TOTAL OF B.I. AND P.D. CLAIMS,
SHOWN IN COL. (5). THE STANDARD FOR FULL CREDIBILITY IS 683 CLAIMS.

NORTH CAROLINA REINSURANCE FACILITY
AUTOMOBILE LIABILITY INSURANCE - ZONE RATED
DETERMINATION OF SPLIT LIMIT LOSSES

	ACCIDENT YEAR <u>ENDING</u>	BODILY INJURY <u>(30/60)</u>	PROPERTY DAMAGE <u>(25000)</u>
1-INCURRED LOSSES AND ALLOATED LOSS ADJUSTMENT EXPENSES	12/31/2018	\$5,870,335	\$4,829,739
	12/31/2019	5,121,980	5,015,636
	12/31/2020	4,156,689	3,459,484
	12/31/2021	3,171,552	4,227,260
	12/31/2022	2,087,549	3,028,328
2-DEVELOPED LOSSES (A) & ALLOATED LOSS ADJUSTMENT EXPENSES	12/31/2018	\$5,870,335	\$4,829,739
	12/31/2019	5,393,445	5,020,652
	12/31/2020	4,418,560	3,476,781
	12/31/2021	3,818,549	4,294,896
	12/31/2022	3,957,993	3,418,982
3-UNTRENDED UNALLOCATED LOSS ADJUSTMENT EXPENSES (B)	12/31/2018	\$328,739	\$342,911
	12/31/2019	302,033	356,466
	12/31/2020	247,439	246,851
	12/31/2021	213,839	304,938
	12/31/2022	221,648	242,748
4-AVERAGE ANNUAL CHANGE IN LOSS RATIOS (Section D, Exhibit 2)		7.0%	10.5%
5-AVERAGE ANNUAL CHANGE IN UNALLOCATED LOSS ADJUSTMENT EXPENSE (Section D, Exhibit 3)		5.5%	5.5%
6-TRENDED LOSSES & LOSS ADJUSTMENT EXPENSES (C)	12/31/2018	\$9,740,999	\$9,968,025
	12/31/2019	8,371,792	9,401,828
	12/31/2020	6,412,391	5,905,625
	12/31/2021	5,183,421	6,617,413
	12/31/2022	5,022,314	4,780,725

(A) MODIFY (1) BY THE FOLLOWING LOSS DEVELOPMENT FACTORS (Section D, Exhibit 1):

<u>YEAR ENDING</u>	<u>B.I.</u>	<u>P.D.</u>
12/31/2018	1.000	1.000
12/31/2019	1.053	1.001
12/31/2020	1.063	1.005
12/31/2021	1.204	1.016
12/31/2022	1.896	1.129

(B) MULTIPLY (2) BY THE FOLLOWING UNALLOCATED LOSS ADJUSTMENT EXPENSE TO LOSSES AND
ALLOATED FACTORS (Section D, Exhibit 4):

<u>B.I.</u>	<u>P.D.</u>
0.056	0.071

(C) TRENDED LOSSES AND ALLOATED LOSS ADJUSTMENT EXPENSE = (2) X [1.0 + (4)]**N;
TRENDED UNALLOCATED LOSS ADJUSTMENT EXPENSE = (3) X [1.0 + (5)]**N, WHERE N
EQUALS THE NUMBER OF YEARS FROM AVERAGE DATE OF ACCIDENT TO ONE YEAR BEYOND
THE PROSPECTIVE EFFECTIVE DATE OF 04/01/2024.

<u>ACCIDENT YEAR ENDING</u>	<u>AVERAGE DATE OF ACCIDENT</u>	<u>PROJECTION PERIOD</u>
12/31/2018	7/1/2018	6.750
12/31/2019	7/1/2019	5.750
12/31/2020	7/1/2020	4.750
12/31/2021	7/1/2021	3.750
12/31/2022	7/1/2022	2.750

SECTION C

Exhibits of Revised Rates

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE LIABILITY

EXHIBITS OF REVISED RATES

Exhibit 1 - Relativities Used to Develop the Rates

Exhibit 2 - Trucks, Tractors, & Trailers and Related Classes

The revised non-fleet base rates are based upon the voluntary territory relativities that become effective on March 1, 2024. The revised fleet base rates are derived using the current approved factor of 1.10 to the revised non-fleet rates.

Exhibit 3 - Private Passenger Types

The revised non-fleet base rates are based upon the voluntary territory relativities that become effective on March 1, 2024.

Exhibit 4 - Auto Dealers

The revised non-fleet base rates are based upon the voluntary territory relativities that become effective on March 1, 2024.

Exhibit 5 - Zone Rated Risks

The indicated bodily injury and property damage changes were applied to the current Zone Rated risks base rates. These base rates became effective October 1, 2022.

The out of state zone rates were updated to reflect ISO filing CA-2021-RZRLC, which became effective April 1, 2022.

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE LIABILITY

EXHIBITS OF REVISED RATES

Medical Payments

The medical payments rates are determined by multiplying the 30/60 Bodily Injury non-fleet rates by the following factors:

	<u>Limits</u>		
	<u>500</u>	<u>1000</u>	<u>2000</u>
Trucks, Tractors, & Trailers	0.292	0.350	0.384
Taxis and Limousines	0.184	0.216	0.247
School and Church Buses	0.225	0.266	0.306
Other Buses	0.133	0.155	0.175
Van Pools	0.292	0.350	0.384
Private Passenger Types	0.097	0.125	0.142

The medical payments rates for Zone Rated Risks are calculated by multiplying the bodily injury rates by a factor of .193.

Hired Cars

The rate for hired cars applies to all territories, and is determined by multiplying the current rate by the Trucks, Tractors, & Trailers statewide rate level change.

Public Automobiles

Rates for Public Automobiles are calculated as factor derivatives of the Trucks, Tractors, & Trailers non-fleet base rates. The relativities are listed below:

	<u>Differential to Base Rate</u>	
	<u>BI</u>	<u>PD</u>
Taxis and Limousines	4.62	3.05
School and Church Buses	0.70	0.42
Other Buses	5.06	2.50
Van Pools	0.82	0.82

North Carolina Reinsurance Facility
Trucks, Tractors, & Trailers - Bodily Injury
Determination of Rate Level Changes By Territory

Terr.	(1) Facility Earned Exposures	(2) Voluntary Base Loss Cost #	(3) Facility Base Rate	(4) Voluntary/ Voluntary Weighted Average	(5) Col. 4 x 352.3937	(6)* Col. 5 rounded	(7)** Base Rate Change (6)/(3)
111	260	348	291	0.886	312.221	312	7.2%
112	2,671	613	534	1.560	549.734	550	3.0%
113	1,573	457	374	1.163	409.834	410	9.6%
114	954	426	360	1.084	381.995	382	6.1%
115	349	359	295	0.914	322.088	322	9.2%
116	2,797	516	413	1.314	463.045	463	12.1%
117	1,081	401	330	1.021	359.794	360	9.1%
118	599	399	330	1.016	358.032	358	8.5%
119	7	328	270	0.835	294.249	294	8.9%
120	640	457	389	1.163	409.834	410	5.4%
121	2,202	409	342	1.041	366.842	367	7.3%
122	4,970	416	340	1.059	373.185	373	9.7%
123	14,551	342	267	0.871	306.935	307	15.0%
124	13,746	356	288	0.906	319.269	319	10.8%
SW	46,400	392.83	318.62		352.400		10.6%

Weighted average factor x percent change = new weighted average
 $318.62 \times 1.106 = 352.3937$

The loss costs presented in Column (2) are on a Combined Single Limit (CSL) basis. That is, they provide coverage for both Bodily Injury and Property Damage.

* The rates in column (6) are keyed to a statewide revenue change of +10.6 percent.

** Column (7) is the change in the base rate by territory. It is calculated by dividing column (6) by column (3).

North Carolina Reinsurance Facility
Trucks, Tractors, & Trailers - Property Damage
Determination of Rate Level Changes By Territory

Terr.	(1) Facility Earned Exposures	(2) Voluntary Base Loss Cost #	(3) Facility Base Rate	(4) Voluntary/ Voluntary Weighted Average	(5) Col. 4 x 435.2457	(6)* Col. 5 rounded	(7)** Base Rate Change (6)/(3)
111	260	348	336	0.886	385.628	386	14.9%
112	2,671	613	617	1.560	678.983	679	10.0%
113	1,573	457	432	1.163	506.191	506	17.1%
114	954	426	417	1.084	471.806	472	13.2%
115	349	359	341	0.914	397.815	398	16.7%
116	2,797	516	477	1.314	571.913	572	19.9%
117	1,081	401	381	1.021	444.386	444	16.5%
118	599	399	381	1.016	442.210	442	16.0%
119	7	328	312	0.835	363.430	363	16.3%
120	640	457	450	1.163	506.191	506	12.4%
121	2,202	409	396	1.041	453.091	453	14.4%
122	4,970	416	394	1.059	460.925	461	17.0%
123	14,551	342	309	0.871	379.099	379	22.7%
124	13,746	356	333	0.906	394.333	394	18.3%
SW	46,400	392.83	368.54		435.250		18.1%

Weighted average factor x percent change = new weighted average
 $368.54 \times 1.181 = 435.2457$

The loss costs presented in Column (2) are on a Combined Single Limit (CSL) basis. That is, they provide coverage for both Bodily Injury and Property Damage.

* The rates in column (6) are keyed to a statewide revenue change of +18.1 percent.

** Column (7) is the change in the base rate by territory. It is calculated by dividing column (6) by column (3).

North Carolina Reinsurance Facility
Commercial Automobile Manual

LIGHT AND MEDIUM TRUCKS

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		30/60	50/100	100/300	25	50	500	1000	2000
111	Non-Fleet	312	374	530	386	409	91	109	120
	Fleet	343	412	583	425	451			
112	Non-Fleet	550	660	935	679	720	161	193	211
	Fleet	605	726	1029	747	792			
113	Non-Fleet	410	492	697	506	536	120	144	157
	Fleet	451	541	767	557	590			
114	Non-Fleet	382	458	649	472	500	112	134	147
	Fleet	420	504	714	519	550			
115	Non-Fleet	322	386	547	398	422	94	113	124
	Fleet	354	425	602	438	464			
116	Non-Fleet	463	556	787	572	606	135	162	178
	Fleet	509	611	865	629	667			
117	Non-Fleet	360	432	612	444	471	105	126	138
	Fleet	396	475	673	488	517			
118	Non-Fleet	358	430	609	442	469	105	125	137
	Fleet	394	473	670	486	515			
119	Non-Fleet	294	353	500	363	385	86	103	113
	Fleet	323	388	549	399	423			
120	Non-Fleet	410	492	697	506	536	120	144	157
	Fleet	451	541	767	557	590			
121	Non-Fleet	367	440	624	453	480	107	128	141
	Fleet	404	485	687	498	528			
122	Non-Fleet	373	448	634	461	489	109	131	143
	Fleet	410	492	697	507	537			
123	Non-Fleet	307	368	522	379	402	90	107	118
	Fleet	338	406	575	417	442			
124	Non-Fleet	319	383	542	394	418	93	112	122
	Fleet	351	421	597	433	459			

HIRED CAR	Bodily Injury 30/60	Property Damage 25
All Territories	\$0.52	\$0.71

North Carolina Reinsurance Facility
Commercial Automobile Manual

HEAVY TRUCKS AND TRUCK TRACTORS

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		30/60	50/100	100/300	25	50	500	1000	2000
111	Non-Fleet	312	387	571	386	409	91	109	120
	Fleet	343	425	628	425	451			
112	Non-Fleet	550	682	1007	679	720	161	193	211
	Fleet	605	750	1107	747	792			
113	Non-Fleet	410	508	750	506	536	120	144	157
	Fleet	451	559	825	557	590			
114	Non-Fleet	382	474	699	472	500	112	134	147
	Fleet	420	521	769	519	550			
115	Non-Fleet	322	399	589	398	422	94	113	124
	Fleet	354	439	648	438	464			
116	Non-Fleet	463	574	847	572	606	135	162	178
	Fleet	509	631	931	629	667			
117	Non-Fleet	360	446	659	444	471	105	126	138
	Fleet	396	491	725	488	517			
118	Non-Fleet	358	444	655	442	469	105	125	137
	Fleet	394	489	721	486	515			
119	Non-Fleet	294	365	538	363	385	86	103	113
	Fleet	323	401	591	399	423			
120	Non-Fleet	410	508	750	506	536	120	144	157
	Fleet	451	559	825	557	590			
121	Non-Fleet	367	455	672	453	480	107	128	141
	Fleet	404	501	739	498	528			
122	Non-Fleet	373	463	683	461	489	109	131	143
	Fleet	410	508	750	507	537			
123	Non-Fleet	307	381	562	379	402	90	107	118
	Fleet	338	419	619	417	442			
124	Non-Fleet	319	396	584	394	418	93	112	122
	Fleet	351	435	642	433	459			

North Carolina Reinsurance Facility
Commercial Automobile Manual

EXTRA-HEAVY TRUCKS AND TRUCK-TRACTORS

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		30/60	50/100	100/300	25	50	500	1000	2000
111	Non-Fleet	312	396	618	386	409	91	109	120
	Fleet	343	436	679	425	451			
112	Non-Fleet	550	699	1089	679	720	161	193	211
	Fleet	605	768	1198	747	792			
113	Non-Fleet	410	521	812	506	536	120	144	157
	Fleet	451	573	893	557	590			
114	Non-Fleet	382	485	756	472	500	112	134	147
	Fleet	420	533	832	519	550			
115	Non-Fleet	322	409	638	398	422	94	113	124
	Fleet	354	450	701	438	464			
116	Non-Fleet	463	588	917	572	606	135	162	178
	Fleet	509	646	1008	629	667			
117	Non-Fleet	360	457	713	444	471	105	126	138
	Fleet	396	503	784	488	517			
118	Non-Fleet	358	455	709	442	469	105	125	137
	Fleet	394	500	780	486	515			
119	Non-Fleet	294	373	582	363	385	86	103	113
	Fleet	323	410	640	399	423			
120	Non-Fleet	410	521	812	506	536	120	144	157
	Fleet	451	573	893	557	590			
121	Non-Fleet	367	466	727	453	480	107	128	141
	Fleet	404	513	800	498	528			
122	Non-Fleet	373	474	739	461	489	109	131	143
	Fleet	410	521	812	507	537			
123	Non-Fleet	307	390	608	379	402	90	107	118
	Fleet	338	429	669	417	442			
124	Non-Fleet	319	405	632	394	418	93	112	122
	Fleet	351	446	695	433	459			

North Carolina Reinsurance Facility
Commercial Automobile Manual

TAXIS AND LIMOUSINES

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		30/60	50/100	100/300	25	50	500	1000	2000
111	Non-Fleet	1441	1787	2493	1177	1236	265	311	356
	Fleet	1585	1965	2742	1295	1360			
112	Non-Fleet	2541	3151	4396	2071	2175	468	549	628
	Fleet	2795	3466	4835	2278	2392			
113	Non-Fleet	1894	2349	3277	1543	1620	348	409	468
	Fleet	2083	2583	3604	1697	1782			
114	Non-Fleet	1765	2189	3053	1440	1512	325	381	436
	Fleet	1942	2408	3360	1584	1663			
115	Non-Fleet	1488	1845	2574	1214	1275	274	321	368
	Fleet	1637	2030	2832	1335	1402			
116	Non-Fleet	2139	2652	3700	1745	1832	394	462	528
	Fleet	2353	2918	4071	1920	2016			
117	Non-Fleet	1663	2062	2877	1354	1422	306	359	411
	Fleet	1829	2268	3164	1489	1563			
118	Non-Fleet	1654	2051	2861	1348	1415	304	357	409
	Fleet	1819	2256	3147	1483	1557			
119	Non-Fleet	1358	1684	2349	1107	1162	250	293	335
	Fleet	1494	1853	2585	1218	1279			
120	Non-Fleet	1894	2349	3277	1543	1620	348	409	468
	Fleet	2083	2583	3604	1697	1782			
121	Non-Fleet	1696	2103	2934	1382	1451	312	366	419
	Fleet	1866	2314	3228	1520	1596			
122	Non-Fleet	1723	2137	2981	1406	1476	317	372	426
	Fleet	1895	2350	3278	1547	1624			
123	Non-Fleet	1418	1758	2453	1156	1214	261	306	350
	Fleet	1560	1934	2699	1272	1336			
124	Non-Fleet	1474	1828	2550	1202	1262	271	318	364
	Fleet	1621	2010	2804	1322	1388			

North Carolina Reinsurance Facility
Commercial Automobile Manual

SCHOOL AND CHURCH BUSES

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		30/60	50/100	100/300	25	50	500	1000	2000
111	Non-Fleet	218	270	377	162	170	49	58	67
	Fleet	240	298	415	178	187			
112	Non-Fleet	385	477	666	285	299	87	102	118
	Fleet	424	526	734	314	330			
113	Non-Fleet	287	356	497	213	224	65	76	88
	Fleet	316	392	547	234	246			
114	Non-Fleet	267	331	462	198	208	60	71	82
	Fleet	294	365	509	218	229			
115	Non-Fleet	225	279	389	167	175	51	60	69
	Fleet	248	308	429	184	193			
116	Non-Fleet	324	402	561	240	252	73	86	99
	Fleet	356	441	616	264	277			
117	Non-Fleet	252	312	436	186	195	57	67	77
	Fleet	277	343	479	205	215			
118	Non-Fleet	251	311	434	186	195	56	67	77
	Fleet	276	342	477	205	215			
119	Non-Fleet	206	255	356	152	160	46	55	63
	Fleet	227	281	393	167	175			
120	Non-Fleet	287	356	497	213	224	65	76	88
	Fleet	316	392	547	234	246			
121	Non-Fleet	257	319	445	190	200	58	68	79
	Fleet	283	351	490	209	219			
122	Non-Fleet	261	324	452	194	204	59	69	80
	Fleet	287	356	497	213	224			
123	Non-Fleet	215	267	372	159	167	48	57	66
	Fleet	237	294	410	175	184			
124	Non-Fleet	223	277	386	165	173	50	59	68
	Fleet	245	304	424	182	191			

North Carolina Reinsurance Facility
Commercial Automobile Manual

ALL OTHER BUSES

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		30/60	50/100	100/300	25	50	500	1000	2000
111	Non-Fleet	1579	1958	2732	965	1013	210	245	276
	Fleet	1737	2154	3005	1062	1115			
112	Non-Fleet	2783	3451	4815	1698	1783	370	431	487
	Fleet	3061	3796	5296	1868	1961			
113	Non-Fleet	2075	2573	3590	1265	1328	276	322	363
	Fleet	2283	2831	3950	1392	1462			
114	Non-Fleet	1933	2397	3344	1180	1239	257	300	338
	Fleet	2126	2636	3678	1298	1363			
115	Non-Fleet	1629	2020	2818	995	1045	217	252	285
	Fleet	1792	2222	3100	1095	1150			
116	Non-Fleet	2343	2905	4053	1430	1502	312	363	410
	Fleet	2577	3195	4458	1573	1652			
117	Non-Fleet	1822	2259	3152	1110	1166	242	282	319
	Fleet	2004	2485	3467	1221	1282			
118	Non-Fleet	1811	2246	3133	1105	1160	241	281	317
	Fleet	1992	2470	3446	1216	1277			
119	Non-Fleet	1488	1845	2574	908	953	198	231	260
	Fleet	1637	2030	2832	999	1049			
120	Non-Fleet	2075	2573	3590	1265	1328	276	322	363
	Fleet	2283	2831	3950	1392	1462			
121	Non-Fleet	1857	2303	3213	1133	1190	247	288	325
	Fleet	2043	2533	3534	1246	1308			
122	Non-Fleet	1887	2340	3265	1153	1211	251	292	330
	Fleet	2076	2574	3591	1268	1331			
123	Non-Fleet	1553	1926	2687	948	995	207	241	272
	Fleet	1708	2118	2955	1043	1095			
124	Non-Fleet	1614	2001	2792	985	1034	215	250	282
	Fleet	1775	2201	3071	1084	1138			

North Carolina Reinsurance Facility
Commercial Automobile Manual

VAN POOLS

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		30/60	50/100	100/300	25	50	500	1000	2000
111	Non-Fleet	256	317	443	317	333	75	90	98
	Fleet	282	350	488	349	366			
112	Non-Fleet	451	559	780	557	585	132	158	173
	Fleet	496	615	858	613	644			
113	Non-Fleet	336	417	581	415	436	98	118	129
	Fleet	370	459	640	457	480			
114	Non-Fleet	313	388	541	387	406	91	110	120
	Fleet	344	427	595	426	447			
115	Non-Fleet	264	327	457	326	342	77	92	101
	Fleet	290	360	502	359	377			
116	Non-Fleet	380	471	657	469	492	111	133	146
	Fleet	418	518	723	516	542			
117	Non-Fleet	295	366	510	364	382	86	103	113
	Fleet	325	403	562	400	420			
118	Non-Fleet	294	365	509	362	380	86	103	113
	Fleet	323	401	559	398	418			
119	Non-Fleet	241	299	417	298	313	70	84	93
	Fleet	265	329	458	328	344			
120	Non-Fleet	336	417	581	415	436	98	118	129
	Fleet	370	459	640	457	480			
121	Non-Fleet	301	373	521	371	390	88	105	116
	Fleet	331	410	573	408	428			
122	Non-Fleet	306	379	529	378	397	89	107	118
	Fleet	337	418	583	416	437			
123	Non-Fleet	252	312	436	311	327	74	88	97
	Fleet	277	343	479	342	359			
124	Non-Fleet	262	325	453	323	339	77	92	101
	Fleet	288	357	498	355	373			

North Carolina Reinsurance Facility
Private Passenger Types - Bodily Injury
Determination of Rate Level Changes By Territory

Terr.	(1) Facility Earned Exposures	(2) Voluntary Base Loss Cost #	(3) Facility Base Rate	(4) Voluntary/ Voluntary Weighted Average	(5) Col. 4 x 484.3139	(6)* Col. 5 rounded	(7)** Base Rate Change (6)/(3)
111	5	274	338	0.886	429.102	429	26.9%
112	479	396	491	1.281	620.406	620	26.3%
113	448	312	390	1.009	488.673	489	25.4%
114	119	254	313	0.822	398.106	398	27.2%
115	11	290	349	0.938	454.286	454	30.1%
116	730	316	378	1.022	494.969	495	31.0%
117	95	357	441	1.155	559.383	559	26.8%
118	63	296	348	0.957	463.488	463	33.0%
119	1	268	330	0.867	419.900	420	27.3%
120	58	347	411	1.122	543.400	543	32.1%
121	206	307	376	0.993	480.924	481	27.9%
122	297	291	360	0.941	455.739	456	26.7%
123	485	274	352	0.886	429.102	429	21.9%
124	540	265	330	0.857	415.057	415	25.8%
SW	3,536	309.17	381.65		484.277		26.9%

Weighted average factor x percent change = new weighted average

$$381.65 \times 1.269 = 484.3139$$

The loss costs presented in Column (2) are on a Combined Single Limit (CSL) basis. That is, they provide coverage for both Bodily Injury and Property Damage.

* The rates in column (6) are keyed to a statewide revenue change of +26.9 percent.

** Column (7) is the change in the base rate by territory. It is calculated by dividing column (6) by column (3).

North Carolina Reinsurance Facility
Private Passenger Types - Property Damage
Determination of Rate Level Changes By Territory

Terr.	(1) Facility Earned Exposures	(2) Voluntary Base Loss Cost #	(3) Facility Base Rate	(4) Voluntary/ Voluntary Weighted Average	(5) Col. 4 x 630.2934	(6)* Col. 5 rounded	(7)** Base Rate Change (6)/(3)
111	5	274	383	0.886	558.440	558	45.7%
112	479	396	556	1.281	807.406	807	45.1%
113	448	312	442	1.009	635.966	636	43.9%
114	119	254	355	0.822	518.101	518	45.9%
115	11	290	396	0.938	591.215	591	49.2%
116	730	316	428	1.022	644.160	644	50.5%
117	95	357	499	1.155	727.989	728	45.9%
118	63	296	394	0.957	603.191	603	53.0%
119	1	268	374	0.867	546.464	546	46.0%
120	58	347	466	1.122	707.189	707	51.7%
121	206	307	426	0.993	625.881	626	46.9%
122	297	291	407	0.941	593.106	593	45.7%
123	485	274	399	0.886	558.440	558	39.8%
124	540	265	374	0.857	540.161	540	44.4%
SW	3,536	309.17	432.30		630.250		45.8%

Weighted average factor x percent change = new weighted average

$$432.30 \times 1.458 = 630.2934$$

The loss costs presented in Column (2) are on a Combined Single Limit (CSL) basis. That is, they provide coverage for both Bodily Injury and Property Damage.

* The rates in column (6) are keyed to a statewide revenue change of +45.8 percent.

** Column (7) is the change in the base rate by territory. It is calculated by dividing column (6) by column (3).

North Carolina Reinsurance Facility
 Commercial Automobile Manual

PRIVATE PASSENGER TYPES

	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
	30/60	50/100	100/300	25	50	500	1000	2000
Territory								
111	429	532	742	558	586	42	54	61
112	620	769	1073	807	847	60	78	88
113	489	606	846	636	668	47	61	69
114	398	494	689	518	544	39	50	57
115	454	563	785	591	621	44	57	64
116	495	614	856	644	676	48	62	70
117	559	693	967	728	764	54	70	79
118	463	574	801	603	633	45	58	66
119	420	521	727	546	573	41	53	60
120	543	673	939	707	742	53	68	77
121	481	596	832	626	657	47	60	68
122	456	565	789	593	623	44	57	65
123	429	532	742	558	586	42	54	61
124	415	515	718	540	567	40	52	59

North Carolina Reinsurance Facility
 Auto Dealers - Bodily Injury
 Determination of Rate Level Changes By Territory

Terr.	(1) Auto Dealers Earned Premium	(2) Voluntary Base Loss Cost #	(3) Facility 30/60 Base Rate	(4) Voluntary/ Voluntary Weighted Average	(5) Col. 4 x 519.6663	(6)* Col. 5 rounded	(7)** Base Rate Change (6)/(3)
111	4,908	343	533	0.878	456.267	456	-14.4%
112	104,267	594	821	1.520	789.893	790	-3.8%
113	43,403	450	604	1.151	598.136	598	-1.0%
114	52,661	411	600	1.052	546.689	547	-8.8%
115	24,004	350	535	0.896	465.621	466	-12.9%
116	61,554	497	734	1.272	661.016	661	-9.9%
117	44,799	383	570	0.980	509.273	509	-10.7%
118	19,547	393	609	1.006	522.784	523	-14.1%
119	0	301	436	0.770	400.143	400	-8.3%
120	40,092	452	637	1.157	601.254	601	-5.7%
121	93,847	401	633	1.026	533.178	533	-15.8%
122	138,052	403	580	1.031	535.776	536	-7.6%
123	362,209	343	468	0.878	456.267	456	-2.6%
124	420,591	349	470	0.893	464.062	464	-1.3%
SW	1,409,933	390.83	548.75		519.740		-5.3%

Weighted average factor x percent change = new weighted average
 $548.75 \times 0.947 = 519.6663$

The loss costs presented in Column (2) are on a Combined Single Limit (CSL) basis. That is, they provide coverage for both Bodily Injury and Property Damage.

The rates in column (6) are keyed to a statewide revenue change of -5.3 percent.

Column (7) is the change in the base rate by territory. It is calculated by dividing column (6) by column (3).

North Carolina Reinsurance Facility
 Auto Dealers - Property Damage
 Determination of Rate Level Changes By Territory

Terr.	(1) Auto Dealers Earned Premium	(2) Voluntary Base Loss Cost #	(3) Facility 25,000 Base Rate	(4) Voluntary/ Voluntary Weighted Average	(5) Col. 4 x 574.7483	(6)* Col. 5 rounded	(7)** Base Rate Change (6)/(3)
111	4,615	343	545	0.877	504.054	504	-7.5%
112	106,714	594	839	1.519	873.043	873	4.1%
113	47,453	450	616	1.151	661.535	662	7.5%
114	54,289	411	613	1.051	604.060	604	-1.5%
115	24,498	350	546	0.895	514.400	514	-5.9%
116	65,280	497	750	1.271	730.505	731	-2.5%
117	45,914	383	582	0.980	563.253	563	-3.3%
118	20,056	393	622	1.005	577.622	578	-7.1%
119	0	301	446	0.770	442.556	443	-0.7%
120	40,245	452	651	1.156	664.409	664	2.0%
121	96,832	401	647	1.026	589.692	590	-8.8%
122	140,896	403	592	1.031	592.565	593	0.2%
123	372,964	343	478	0.877	504.054	504	5.4%
124	431,248	349	480	0.893	513.250	513	6.9%
SW	1,451,005	391.01	560.73		574.826		2.5%

Weighted average factor x percent change = new weighted average
 $560.73 \times 1.025 = 574.7483$

The loss costs presented in Column (2) are on a Combined Single Limit (CSL) basis. That is, they provide coverage for both Bodily Injury and Property Damage.

The rates in column (6) are keyed to a statewide revenue change of +2.5 percent.

Column (7) is the change in the base rate by territory. It is calculated by dividing column (6) by column (3).

North Carolina Reinsurance Facility
Commercial Automobile Manual

Auto Dealers

Territory	Class	Bodily Injury Limit			Property Damage Limit	
		30/60	50/100	100/300	25	50
111	Dealers	456	565	789	504	529
112	Dealers	790	980	1367	873	917
113	Dealers	598	742	1035	662	695
114	Dealers	547	678	946	604	634
115	Dealers	466	578	806	514	540
116	Dealers	661	820	1144	731	768
117	Dealers	509	631	881	563	591
118	Dealers	523	649	905	578	607
119	Dealers	400	496	692	443	465
120	Dealers	601	745	1040	664	697
121	Dealers	533	661	922	590	620
122	Dealers	536	665	927	593	623
123	Dealers	456	565	789	504	529
124	Dealers	464	575	803	513	539

Zone	Liability Non Fleet		Zone	Liability Non Fleet		Zone	Liability Non Fleet		Zone	Liability Non Fleet	
01 Atlanta	1910 1940 369 **201	BI PD MP	13 Houston	1911 1942 369 **213	BI PD MP	25 New Orleans	1934 1966 373 **225	BI PD MP	37 Tulsa	1911 1942 369 **237	BI PD MP
02 Balt.- Wash.	1883 1912 363 **202	BI PD MP	14 Indian- apolis	1656 1682 320 **214	BI PD MP	26 N.Y. City	1883 1912 363 **226	BI PD MP	40 Pacific	2189 2224 422 **240	BI PD MP
03 Boston	2013 2044 389 **203	BI PD MP	15 Jackson- ville	1910 1940 369 **215	BI PD MP	27 Okla.- City	1911 1942 369 **227	BI PD MP	41 Mountain	2428 2467 469 **241	BI PD MP
04 Buffalo	1883 1912 363 **204	BI PD MP	16 Kansas City	1968 2000 380 **216	BI PD MP	28 Omaha	1968 2000 380 **228	BI PD MP	42 Midwest	2020 2052 390 **242	BI PD MP
05 Char- lotte	1910 1940 369 **205	BI PD MP	17 Little Rock	1911 1942 369 **217	BI PD MP	29 Phoenix	2366 2404 457 **229	BI PD MP	43 South- west	1962 1993 379 **243	BI PD MP
06 Chicago	1656 1682 320 **206	BI PD MP	18 Los Angeles	2133 2167 412 **218	BI PD MP	30 Phila- delphia	1883 1912 363 **230	BI PD MP	44 North- Central	1699 1726 328 **244	BI PD MP
07 Cincin- nati	1656 1682 320 **207	BI PD MP	19 Louis- ville	1845 1874 356 **219	BI PD MP	31 Pitts- burgh	1883 1912 363 **231	BI PD MP	45 Midcast	1893 1924 365 **245	BI PD MP
08 Cleve- land	1656 1682 320 **208	BI PD MP	20 Memphis	1845 1874 356 **220	BI PD MP	32 Portland	2133 2167 412 **232	BI PD MP	46 Gulf	1985 2017 383 **246	BI PD MP
09 Dallas Ft. Worth	1911 1942 369 **209	BI PD MP	21 Miami	1910 1940 369 **221	BI PD MP	33 Richmond	1910 1940 369 **233	BI PD MP	47 South- east	1960 1991 378 **247	BI PD MP
10 Denver	2366 2404 457 **210	BI PD MP	22 Mil- waukee	1968 2000 380 **222	BI PD MP	34 St. Louis	1968 2000 380 **234	BI PD MP	48 Eastern	1932 1963 373 **248	BI PD MP
11 Detroit	1656 1682 320 **211	BI PD MP	23 Minn.- St. Paul	1968 2000 380 **223	BI PD MP	35 Salt Lake City	2366 2404 457 **235	BI PD MP	49 New England	2066 2098 399 **249	BI PD MP
12 Hart- ford	2013 2044 389 **212	BI PD MP	24 Nash- ville	1845 1874 356 **224	BI PD MP	36 San Francisco	2133 2167 412 **236	BI PD MP			

TRUCKS

Zone Rating Table-Garaged in North Carolina
Zone 47 (Southeast) CombinationsSection C
Exhibit 5
Sheet 2

Zone	Liability Non Fleet		Zone	Liability Non Fleet		Zone	Liability Non Fleet		Zone	Liability Non Fleet	
01 Atlanta	1960 1991 378 **901	BI PD MP	13 Houston	1962 1993 379 **913	BI PD MP	25 New Orleans	1985 2017 383 **925	BI PD MP	37 Tulsa	1962 1993 379 **937	BI PD MP
02 Balt.- Wash.	1932 1963 373 **902	BI PD MP	14 Indian- apolis	1699 1726 328 **914	BI PD MP	26 N.Y. City	1932 1963 373 **926	BI PD MP	40 Pacific	2245 2281 433 **940	BI PD MP
03 Boston	2066 2098 399 **903	BI PD MP	15 Jackson- ville	1960 1991 378 **915	BI PD MP	27 Okla.- City	1962 1993 379 **927	BI PD MP	41 Mountain	2490 2530 481 **941	BI PD MP
04 Buffalo	1932 1963 373 **904	BI PD MP	16 Kansas City	2020 2052 390 **916	BI PD MP	28 Omaha	2020 2052 390 **928	BI PD MP	42 Midwest	2072 2105 400 **942	BI PD MP
05 Char- lotte	1960 1991 378 **905	BI PD MP	17 Little Rock	1962 1993 379 **917	BI PD MP	29 Phoenix	2428 2467 469 **929	BI PD MP	43 South- west	2012 2044 388 **943	BI PD MP
06 Chicago	1699 1726 328 **906	BI PD MP	18 Los Angeles	2189 2224 422 **918	BI PD MP	30 Phila- delphia	1932 1963 373 **930	BI PD MP	44 North- Central	1743 1770 336 **944	BI PD MP
07 Cincin- nati	1699 1726 328 **907	BI PD MP	19 Louis- ville	1893 1924 365 **919	BI PD MP	31 Pitts- burgh	1932 1963 373 **931	BI PD MP	45 Mideast	1942 1973 375 **945	BI PD MP
08 Cleve- land	1699 1726 328 **908	BI PD MP	20 Memphis	1893 1924 365 **920	BI PD MP	32 Portland	2189 2224 422 **932	BI PD MP	46 Gulf	2036 2069 393 **946	BI PD MP
09 Dallas Ft. Worth	1962 1993 379 **909	BI PD MP	21 Miami	1960 1991 378 **921	BI PD MP	33 Richmond	1960 1991 378 **933	BI PD MP	47 South- east	2010 2042 388 **947	BI PD MP
10 Denver	2428 2467 469 **910	BI PD MP	22 Mil- waukee	2020 2052 390 **922	BI PD MP	34 St. Louis	2020 2052 390 **934	BI PD MP	48 Eastern	1982 2013 383 **948	BI PD MP
11 Detroit	1699 1726 328 **911	BI PD MP	23 Minn.- St. Paul	2020 2052 390 **923	BI PD MP	35 Salt Lake City	2428 2467 469 **935	BI PD MP	49 New England	2119 2152 409 **949	BI PD MP
12 Hart- ford	2066 2098 399 **912	BI PD MP	24 Nash- ville	1893 1924 365 **924	BI PD MP	36 San Francisco	2189 2224 422 **936	BI PD MP			

ZONE RATING TABLE—GARAGED IN STATES OTHER THAN NORTH CAROLINA

Region		40	41	42	43	44	45	46	47	48	49
40	BI	2,944	3,204	2,166	3,133	2,517	2,385	2,997	2,961	3,663	2,396
	PD	3,102	3,375	2,282	3,301	2,651	2,513	3,156	3,120	3,858	2,523
	MP	567	616	417	603	484	459	577	570	705	461
41	BI	3,204	1,742	2,364	2,411	2,801	2,675	3,209	3,553	3,010	2,333
	PD	3,375	1,836	2,491	2,540	2,951	2,817	3,380	3,743	3,170	2,458
	MP	616	335	455	464	539	515	617	684	579	449
42	BI	2,166	2,364	1,627	1,899	2,110	2,238	2,697	2,847	2,613	2,944
	PD	2,282	2,491	1,713	2,001	2,223	2,357	2,840	2,998	2,753	3,102
	MP	417	455	313	365	406	431	519	548	503	567
43	BI	3,133	2,411	1,899	2,049	2,556	2,268	2,995	2,801	3,617	2,011
	PD	3,301	2,540	2,001	2,158	2,692	2,389	3,155	2,951	3,810	2,119
	MP	603	464	365	394	492	436	576	539	696	387
44	BI	2,517	2,801	2,110	2,556	2,067	2,398	2,546	2,393	2,381	2,641
	PD	2,651	2,951	2,223	2,692	2,178	2,527	2,681	2,521	2,509	2,781
	MP	484	539	406	492	398	461	490	460	458	508
45	BI	2,385	2,675	2,238	2,268	2,398	2,725	2,590	2,710	2,604	2,298
	PD	2,513	2,817	2,357	2,389	2,527	2,871	2,728	2,854	2,743	2,420
	MP	459	515	431	436	461	524	498	521	501	442
46	BI	2,997	3,209	2,697	2,995	2,546	2,590	3,176	2,922	3,147	2,757
	PD	3,156	3,380	2,840	3,155	2,681	2,728	3,346	3,078	3,314	2,904
	MP	577	617	519	576	490	498	611	562	605	530
47	BI	2,961	3,553	2,847	2,801	2,393	2,710	2,922	2,716	2,791	2,886
	PD	3,120	3,743	2,998	2,951	2,521	2,854	3,078	2,862	2,939	3,040
	MP	570	684	548	539	460	521	562	523	537	555
48	BI	3,663	3,010	2,613	3,617	2,381	2,604	3,147	2,791	2,672	2,483
	PD	3,858	3,170	2,753	3,810	2,509	2,743	3,314	2,939	2,815	2,616
	MP	705	579	503	696	458	501	605	537	514	478
49	BI	2,396	2,333	2,944	2,011	2,641	2,298	2,757	2,886	2,483	2,487
	PD	2,523	2,458	3,102	2,119	2,781	2,420	2,904	3,040	2,616	2,620
	MP	461	449	567	387	508	442	530	555	478	479

SECTION D

Supporting Exhibits

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE LIABILITY

EXHIBITS OF REVISED RATES

Exhibit 1 - Loss Development Factors

Both 30/60/25 limit and total limits loss development factors based on North Carolina Facility data are shown in this exhibit.

Exhibit 2 - Trend in Claim Severity and Claim Frequency

The historical average annual change in claim costs for both Bodily Injury and Property Damage coverages are displayed for North Carolina voluntary experience and a credibility-weighted mix of multistate and North Carolina only data. Prospective average annual changes for claim cost (severity trend) were selected based on the review of both 12 and 24 point fits. Prospective average annual changes for claim frequency have been selected based on multistate, North Carolina voluntary, and NCRF data. Combining the selected claim cost trends with the selected frequency trends results in the selected Bodily Injury and Property Damage pure premium trends used to adjust the losses to a prospective level.

Exhibit 3 - Trend in Expense

Exhibit 4 - Expense Experience

Exhibit 5 - Tables of Credibility and Weights

Exhibit 6 - Investment Income

Exhibit 7 - Adjusted and Unadjusted Experience

Exhibit 8 - Contingency Factor

North Carolina Facility Data
 Bodily Injury Basic Limit Loss Development
 Trucks, Tractors, and Trailer Incurred Losses and Expenses

Section D
 Exhibit 1
 Sheet 1

ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS 75 MONTHS

12/31/2016	4,154,271	7,252,235	8,811,355	9,090,586	9,386,176	
12/31/2017	9,100,041	11,277,353	12,458,281	12,782,314	12,659,960	
12/31/2018	8,909,039	12,110,154	13,028,756	13,090,674	13,660,538	
12/31/2019	9,401,304	12,252,371	13,162,459	14,366,534		
12/31/2020	8,628,462	10,579,691	11,851,528			
12/31/2021	11,224,637	14,858,782				
12/31/2022	9,742,393					

ACC YR ENDED	27:15	39:27	51:39	63:51	75:63
12/31/2016	1.746	1.215	1.032	1.033	
12/31/2017	1.239	1.105	1.026	0.990	
12/31/2018	1.359	1.076	1.005	1.044	
12/31/2019	1.303	1.074	1.091		
12/31/2020	1.226	1.120			
12/31/2021	1.324				
Average of the latest 3 years	1.284	1.090	1.041	1.022	
Selection	1.284	1.090	1.041	1.022	1.000
To Ultimate	1.490	1.160	1.064	1.022	1.000

North Carolina Facility Data
Property Damage Basic Limit Loss Development
Trucks, Tractors, and Trailer Incurred Losses and Expenses

Section D
Exhibit 1
Sheet 2

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS	75 MONTHS
12/31/2016	9,087,298	9,994,197	10,103,439	10,199,200	10,196,186	
12/31/2017	12,039,841	12,818,588	12,929,526	12,997,294	13,017,342	
12/31/2018	12,910,707	13,736,807	13,954,923	14,095,382	14,099,390	
12/31/2019	13,122,339	13,692,480	13,961,922	13,925,275		
12/31/2020	12,229,800	12,939,300	12,998,289			
12/31/2021	15,520,011	16,934,005				
12/31/2022	16,413,357					
ACC YR ENDED		27:15	39:27	51:39	63:51	75:63
12/31/2016		1.100	1.011	1.009	1.000	
12/31/2017		1.065	1.009	1.005	1.002	
12/31/2018		1.064	1.016	1.010	1.000	
12/31/2019		1.043	1.020	0.997		
12/31/2020		1.058	1.005			
12/31/2021		1.091				
Average of the latest 3 years		1.064	1.013	1.004	1.001	
Selection		1.064	1.013	1.004	1.001	1.000
To Ultimate		1.083	1.018	1.005	1.001	1.000

North Carolina Facility Data
 Bodily Injury Total Limits Loss Development
 Trucks, Tractors, and Trailer Incurred Losses and Expenses

Section D
 Exhibit 1
 Sheet 3

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS	75 MONTHS
12/31/2016	9,093,316	20,038,499	25,275,123	27,796,427	30,653,033	
12/31/2017	18,401,691	25,030,991	31,864,624	34,657,985	37,358,110	
12/31/2018	18,560,835	31,827,747	36,000,543	39,483,409	40,259,308	
12/31/2019	16,884,286	24,385,039	30,098,591	36,601,012		
12/31/2020	20,538,398	31,466,383	35,495,122			
12/31/2021	21,150,831	31,349,102				
12/31/2022	18,849,691					
ACC YR ENDED		27:15	39:27	51:39	63:51	75:63
12/31/2016		2.204	1.261	1.100	1.103	
12/31/2017		1.360	1.273	1.088	1.078	
12/31/2018		1.715	1.131	1.097	1.020	
12/31/2019		1.444	1.234	1.216		
12/31/2020		1.532	1.128			
12/31/2021		1.482				
Average of the latest 3 years		1.486	1.164	1.133	1.067	
Selection		1.486	1.164	1.133	1.067	1.000
To Ultimate		2.093	1.408	1.209	1.067	1.000

North Carolina Facility Data
Property Damage Total Limits Loss Development
Trucks, Tractors, and Trailer Incurred Losses and Expenses

Section D
Exhibit 1
Sheet 4

ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS 75 MONTHS

12/31/2016	12,336,164	13,718,784	13,788,880	13,996,362	13,988,196
12/31/2017	14,466,791	16,087,615	16,375,707	16,567,727	16,573,823
12/31/2018	14,176,768	15,273,849	15,591,017	15,629,949	15,636,952
12/31/2019	14,262,837	15,114,064	15,335,519	15,294,775	
12/31/2020	13,701,214	15,332,257	15,431,595		
12/31/2021	17,832,698	20,190,298			
12/31/2022	19,030,244				

ACC YR ENDED	27:15	39:27	51:39	63:51	75:63
12/31/2016	1.112	1.005	1.015	0.999	
12/31/2017	1.112	1.018	1.012	1.000	
12/31/2018	1.077	1.021	1.002	1.000	
12/31/2019	1.060	1.015	0.997		
12/31/2020	1.119	1.006			
12/31/2021	1.132				
Average of the latest 3 years	1.104	1.014	1.004	1.000	
Selection	1.104	1.014	1.004	1.000	1.000
To Ultimate	1.124	1.018	1.004	1.000	1.000

North Carolina Facility Data
 Bodily Injury Basic Limit Loss Development
 Private Passenger Types Incurred Losses and Expenses

Section D
 Exhibit 1
 Sheet 5

ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS 75 MONTHS

12/31/2016	11,151	54,091	71,140	101,140	101,140	
12/31/2017	101,895	125,075	165,825	166,626	166,626	
12/31/2018	434,084	511,108	541,242	523,331	523,331	
12/31/2019	583,041	666,119	738,538	745,387		
12/31/2020	470,716	529,272	645,605			
12/31/2021	1,197,754	1,610,765				
12/31/2022	673,579					

ACC YR ENDED	27:15	39:27	51:39	63:51	75:63
12/31/2016	4.851	1.315	1.422	1.000	
12/31/2017	1.227	1.326	1.005	1.000	
12/31/2018	1.177	1.059	0.967	1.000	
12/31/2019	1.142	1.109	1.009		
12/31/2020	1.124	1.220			
12/31/2021	1.345				
Average of the latest 3 years	1.204	1.129	0.994	1.000	
Selection	1.204	1.129	1.000	1.000	1.000
To Ultimate	1.359	1.129	1.000	1.000	1.000

North Carolina Facility Data
Property Damage Basic Limit Loss Development
Private Passenger Types Incurred Losses and Expenses

Section D
Exhibit 1
Sheet 6

ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS 75 MONTHS

12/31/2016	101,778	102,327	102,327	102,327	102,327	102,327
12/31/2017	152,889	156,261	156,261	156,611	156,611	156,611
12/31/2018	311,800	342,161	344,796	345,821	345,821	345,821
12/31/2019	456,863	500,052	499,588	500,036		
12/31/2020	614,654	656,572	656,572			
12/31/2021	1,286,647	1,577,701				
12/31/2022	1,216,533					

ACC YR ENDED	27:15	39:27	51:39	63:51	75:63
12/31/2016	1.005	1.000	1.000	1.000	
12/31/2017	1.022	1.000	1.002	1.000	
12/31/2018	1.097	1.008	1.003	1.000	
12/31/2019	1.095	0.999	1.001		
12/31/2020	1.068	1.000			
12/31/2021	1.226				
Average of the latest 3 years	1.130	1.002	1.002	1.000	
Selection	1.130	1.002	1.002	1.000	1.000
To Ultimate	1.134	1.004	1.002	1.000	1.000

North Carolina Facility Data
 Bodily Injury Total Limits Loss Development
 Private Passenger Types Incurred Losses and Expenses

Section D
 Exhibit 1
 Sheet 7

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS	75 MONTHS
12/31/2016	11,151	54,091	71,140	147,888	147,888	
12/31/2017	121,895	170,075	235,825	236,626	236,626	
12/31/2018	467,084	577,108	607,242	589,331	589,331	
12/31/2019	870,085	981,307	1,078,726	1,085,575		
12/31/2020	470,716	529,272	665,605			
12/31/2021	1,628,754	2,162,028				
12/31/2022	675,049					
ACC YR ENDED		27:15	39:27	51:39	63:51	75:63
12/31/2016		4.851	1.315	2.079	1.000	
12/31/2017		1.395	1.387	1.003	1.000	
12/31/2018		1.236	1.052	0.971	1.000	
12/31/2019		1.128	1.099	1.006		
12/31/2020		1.124	1.258			
12/31/2021		1.327				
Average of the latest 3 years		1.193	1.136	0.993	1.000	
Selection		1.193	1.136	1.000	1.000	1.000
To Ultimate		1.355	1.136	1.000	1.000	1.000

North Carolina Facility Data
Property Damage Total Limits Loss Development
Private Passenger Types Incurred Losses and Expenses

Section D
Exhibit 1
Sheet 8

ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS 75 MONTHS

12/31/2016	174,128	172,756	172,756	172,756	173,006
12/31/2017	153,683	157,055	157,055	157,405	157,405
12/31/2018	311,800	342,161	344,796	345,821	345,821
12/31/2019	456,863	500,052	499,588	500,036	
12/31/2020	648,362	690,280	690,280		
12/31/2021	1,307,406	1,624,779			
12/31/2022	1,221,711				

ACC YR ENDED	27:15	39:27	51:39	63:51	75:63	
12/31/2016		0.992	1.000	1.000	1.001	
12/31/2017		1.022	1.000	1.002	1.000	
12/31/2018		1.097	1.008	1.003	1.000	
12/31/2019		1.095	0.999	1.001		
12/31/2020		1.065	1.000			
12/31/2021		1.243				
Average of the latest 3 years		1.134	1.002	1.002	1.000	
Selection		1.134	1.002	1.002	1.000	1.000
To Ultimate		1.139	1.004	1.002	1.000	1.000

North Carolina Facility Data
 Bodily Injury Basic Limit Loss Development
 Auto Dealers Incurred Losses and Expenses

Section D
 Exhibit 1
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ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS

12/31/2016	532,519	692,884	647,283	646,023	706,023
12/31/2017	775,885	744,959	805,806	817,266	817,266
12/31/2018	652,851	911,534	768,464	769,779	769,779
12/31/2019	875,511	902,432	948,390	916,567	
12/31/2020	858,476	1,030,403	1,122,333		
12/31/2021	624,611	719,148			
12/31/2022	471,764				

ACC YR ENDED	27:15	39:27	51:39	63:51	
12/31/2016	1.301	0.934	0.998	1.093	
12/31/2017	0.960	1.082	1.014	1.000	
12/31/2018	1.396	0.843	1.002	1.000	
12/31/2019	1.031	1.051	0.966		
12/31/2020	1.200	1.089			
12/31/2021	1.151				
Average of the latest 3 years	1.127	0.994	0.994	1.031	
Selection	1.127	1.000	1.000	1.031	1.000
To Ultimate	1.162	1.031	1.031	1.031	1.000

North Carolina Facility Data
Property Damage Basic Limit Loss Development
Auto Dealers Incurred Losses and Expenses

Section D
Exhibit 1
Sheet 10

ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS

12/31/2016	859,848	815,509	846,481	832,702	832,702
12/31/2017	958,680	965,407	967,695	974,095	974,095
12/31/2018	789,595	839,413	847,318	843,818	843,818
12/31/2019	775,182	763,971	768,769	768,413	
12/31/2020	683,646	668,229	670,338		
12/31/2021	849,006	873,646			
12/31/2022	725,603				

ACC YR ENDED	27:15	39:27	51:39	63:51	
12/31/2016	0.948	1.038	0.984	1.000	
12/31/2017	1.007	1.002	1.007	1.000	
12/31/2018	1.063	1.009	0.996	1.000	
12/31/2019	0.986	1.006	1.000		
12/31/2020	0.977	1.003			
12/31/2021	1.029				
Average of the latest 3 years	0.997	1.006	1.001	1.000	
Selection	1.000	1.006	1.001	1.000	1.000
To Ultimate	1.007	1.007	1.001	1.000	1.000

North Carolina Facility Data
 Bodily Injury Total Limits Loss Development
 Auto Dealers Incurred Losses and Expenses

Section D
 Exhibit 1
 Sheet 11

ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS

12/31/2016	602,519	779,384	663,783	662,523	722,923
12/31/2017	853,237	822,311	883,158	894,618	894,618
12/31/2018	669,570	1,048,435	857,535	858,850	858,850
12/31/2019	945,255	963,219	1,029,177	1,012,354	
12/31/2020	969,107	1,205,247	1,293,486		
12/31/2021	715,454	884,991			
12/31/2022	471,929				

ACC YR ENDED	27:15	39:27	51:39	63:51	
12/31/2016	1.294	0.852	0.998	1.091	
12/31/2017	0.964	1.074	1.013	1.000	
12/31/2018	1.566	0.818	1.002	1.000	
12/31/2019	1.019	1.068	0.984		
12/31/2020	1.244	1.073			
12/31/2021	1.237				
Average of the latest 3 years	1.167	0.987	0.999	1.030	
Selection	1.167	1.000	1.000	1.030	1.000
To Ultimate	1.202	1.030	1.030	1.030	1.000

North Carolina Facility Data
Property Damage Total Limits Loss Development
Auto Dealers Incurred Losses and Expenses

Section D
Exhibit 1
Sheet 12

ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS

12/31/2016	863,668	818,452	849,424	835,645	835,645
12/31/2017	964,975	971,702	973,990	980,390	980,390
12/31/2018	862,926	913,135	921,040	917,540	917,540
12/31/2019	790,182	779,734	784,662	784,306	
12/31/2020	686,899	671,482	673,591		
12/31/2021	872,755	897,709			
12/31/2022	750,093				

ACC YR ENDED	27:15	39:27	51:39	63:51	
12/31/2016	0.948	1.038	0.984	1.000	
12/31/2017	1.007	1.002	1.007	1.000	
12/31/2018	1.058	1.009	0.996	1.000	
12/31/2019	0.987	1.006	1.000		
12/31/2020	0.978	1.003			
12/31/2021	1.029				
Average of the latest 3 years	0.998	1.006	1.001	1.000	
Selection	1.000	1.006	1.001	1.000	1.000
To Ultimate	1.007	1.007	1.001	1.000	1.000

North Carolina Facility Data
 Bodily Injury Basic Limit Loss Development
 Zone Rated Incurred Losses and Expenses

Section D
 Exhibit 1
 Sheet 13

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS	
12/31/2016	718,001	2,201,024	2,812,163	3,297,306	3,407,354	
12/31/2017	2,474,553	3,487,215	3,851,206	3,840,193	3,905,579	
12/31/2018	3,294,146	4,716,170	5,439,627	5,299,807	5,870,335	
12/31/2019	2,781,567	4,463,583	4,845,748	5,121,980		
12/31/2020	2,185,217	3,583,492	4,156,689			
12/31/2021	2,142,430	3,171,552				
12/31/2022	2,087,549					
ACC YR ENDED		27:15	39:27	51:39	63:51	
12/31/2016		3.065	1.278	1.173	1.033	
12/31/2017		1.409	1.104	0.997	1.017	
12/31/2018		1.432	1.153	0.974	1.108	
12/31/2019		1.605	1.086	1.057		
12/31/2020		1.640	1.160			
12/31/2021		1.480				
Average of the latest 3 years		1.575	1.133	1.009	1.053	
Selection		1.575	1.133	1.009	1.053	1.000
To Ultimate		1.896	1.204	1.063	1.053	1.000

North Carolina Facility Data
Property Damage Basic Limit Loss Development
Zone Rated Incurred Losses and Expenses

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Exhibit 1
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ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS	
12/31/2016	2,935,479	3,209,640	3,280,210	3,281,367	3,293,927	
12/31/2017	3,460,331	3,820,276	3,825,399	3,834,885	3,829,073	
12/31/2018	4,442,090	4,813,449	4,825,322	4,820,284	4,829,739	
12/31/2019	4,614,294	4,891,881	4,970,132	5,015,636		
12/31/2020	3,101,078	3,414,424	3,459,484			
12/31/2021	3,609,319	4,227,260				
12/31/2022	3,028,328					
ACC YR ENDED		27:15	39:27	51:39	63:51	
12/31/2016		1.093	1.022	1.000	1.004	
12/31/2017		1.104	1.001	1.002	0.998	
12/31/2018		1.084	1.002	0.999	1.002	
12/31/2019		1.060	1.016	1.009		
12/31/2020		1.101	1.013			
12/31/2021		1.171				
Average of the latest 3 years		1.111	1.011	1.004	1.001	
Selection		1.111	1.011	1.004	1.001	1.000
To Ultimate		1.129	1.016	1.005	1.001	1.000

North Carolina Facility Data
 Bodily Injury Total Limits Loss Development
 Zone Rated Incurred Losses and Expenses

Section D
 Exhibit 1
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ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS	
12/31/2016	1,663,070	7,749,973	10,654,174	13,564,736	14,760,243	
12/31/2017	3,631,285	7,433,218	9,258,658	9,118,316	9,658,493	
12/31/2018	8,939,555	16,086,985	19,665,938	23,289,496	25,100,724	
12/31/2019	3,511,694	9,128,494	10,233,010	12,589,671		
12/31/2020	6,020,287	13,090,523	17,272,149			
12/31/2021	5,357,235	9,922,222				
12/31/2022	5,857,269					
ACC YR ENDED		27:15	39:27	51:39	63:51	
12/31/2016		4.660	1.375	1.273	1.088	
12/31/2017		2.047	1.246	0.985	1.059	
12/31/2018		1.800	1.222	1.184	1.078	
12/31/2019		2.599	1.121	1.230		
12/31/2020		2.174	1.319			
12/31/2021		1.852				
Average of the latest 3 years		2.209	1.221	1.133	1.075	
Selection		2.209	1.221	1.133	1.075	1.000
To Ultimate		3.284	1.487	1.218	1.075	1.000

North Carolina Facility Data
Property Damage Total Limits Loss Development
Zone Rated Incurred Losses and Expenses

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Exhibit 1
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ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS	
12/31/2016	3,160,885	3,458,206	3,615,684	3,692,684	3,760,244	
12/31/2017	3,959,365	4,566,305	5,252,952	5,415,090	5,415,090	
12/31/2018	5,248,803	5,618,165	5,633,043	5,695,087	5,711,455	
12/31/2019	4,999,472	5,393,237	5,515,542	5,557,897		
12/31/2020	3,590,724	4,032,784	4,138,363			
12/31/2021	3,957,719	4,851,577				
12/31/2022	3,883,281					
ACC YR ENDED		27:15	39:27	51:39	63:51	
12/31/2016		1.094	1.046	1.021	1.018	
12/31/2017		1.153	1.150	1.031	1.000	
12/31/2018		1.070	1.003	1.011	1.003	
12/31/2019		1.079	1.023	1.008		
12/31/2020		1.123	1.026			
12/31/2021		1.226				
Average of the latest 3 years		1.143	1.017	1.017	1.007	
Selection		1.143	1.017	1.017	1.007	1.000
To Ultimate		1.191	1.042	1.024	1.007	1.000

North Carolina Facility Data
 Bodily Injury Basic Limit Loss Development
 Publics and Buses Incurred Losses and Expenses

Section D
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 Sheet 17

ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS

12/31/2016	1,532,282	1,840,986	1,992,492	2,057,342	2,088,283
12/31/2017	1,656,479	2,065,213	2,182,859	2,255,893	2,268,861
12/31/2018	1,768,533	1,985,101	2,047,958	2,143,817	2,193,834
12/31/2019	1,671,571	1,982,150	2,114,549	2,163,337	
12/31/2020	870,408	978,082	1,028,745		
12/31/2021	1,237,154	1,674,758			
12/31/2022	1,723,794				

ACC YR ENDED	27:15	39:27	51:39	63:51	
12/31/2016	1.201	1.082	1.033	1.015	
12/31/2017	1.247	1.057	1.033	1.006	
12/31/2018	1.122	1.032	1.047	1.023	
12/31/2019	1.186	1.067	1.023		
12/31/2020	1.124	1.052			
12/31/2021	1.354				
Average of the latest 3 years	1.221	1.050	1.034	1.015	
Selection	1.221	1.050	1.034	1.015	1.000
To Ultimate	1.347	1.103	1.050	1.015	1.000

North Carolina Facility Data
Property Damage Basic Limit Loss Development
Publics and Buses Incurred Losses and Expenses

Section D
Exhibit 1
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ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS	
12/31/2016	1,633,425	1,730,637	1,733,385	1,734,245	1,753,263	
12/31/2017	1,631,637	1,724,712	1,732,144	1,746,767	1,747,504	
12/31/2018	1,332,048	1,362,535	1,365,259	1,365,259	1,365,259	
12/31/2019	1,053,585	1,103,692	1,110,240	1,112,968		
12/31/2020	607,991	645,222	657,414			
12/31/2021	1,006,806	1,107,344				
12/31/2022	1,398,524					
ACC YR ENDED		27:15	39:27	51:39	63:51	
12/31/2016		1.060	1.002	1.000	1.011	
12/31/2017		1.057	1.004	1.008	1.000	
12/31/2018		1.023	1.002	1.000	1.000	
12/31/2019		1.048	1.006	1.002		
12/31/2020		1.061	1.019			
12/31/2021		1.100				
Average of the latest 3 years		1.070	1.009	1.004	1.004	
Selection		1.070	1.009	1.004	1.004	1.000
To Ultimate		1.088	1.017	1.008	1.004	1.000

North Carolina Facility Data
 Bodily Injury Total Limits Loss Development
 Publics and Buses Incurred Losses and Expenses

Section D
 Exhibit 1
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ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS	
12/31/2016	1,993,923	2,541,624	3,119,144	3,284,018	3,340,932	
12/31/2017	1,862,837	2,790,624	3,821,979	4,043,275	4,038,352	
12/31/2018	2,083,322	3,131,687	4,366,696	4,551,608	4,810,294	
12/31/2019	2,991,498	3,800,136	4,630,274	4,653,411		
12/31/2020	1,373,315	1,497,327	1,760,457			
12/31/2021	3,011,836	4,749,629				
12/31/2022	2,762,015					
ACC YR ENDED		27:15	39:27	51:39	63:51	
12/31/2016		1.275	1.227	1.053	1.017	
12/31/2017		1.498	1.370	1.058	0.999	
12/31/2018		1.503	1.394	1.042	1.057	
12/31/2019		1.270	1.218	1.005		
12/31/2020		1.090	1.176			
12/31/2021		1.577				
Average of the latest 3 years		1.313	1.263	1.035	1.024	
Selection		1.313	1.263	1.035	1.024	1.000
To Ultimate		1.757	1.339	1.060	1.024	1.000

North Carolina Facility Data
Property Damage Total Limits Loss Development
Publics and Buses Incurred Losses and Expenses

Section D
Exhibit 1
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ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS

12/31/2016	1,662,077	1,779,989	1,782,737	1,783,597	1,802,615
12/31/2017	1,644,362	1,800,262	1,807,694	1,822,317	1,823,054
12/31/2018	1,345,439	1,375,717	1,378,441	1,378,441	1,378,441
12/31/2019	1,074,509	1,124,616	1,131,301	1,134,029	
12/31/2020	609,029	646,325	659,838		
12/31/2021	1,159,827	1,261,575			
12/31/2022	1,470,143				

ACC YR ENDED	27:15	39:27	51:39	63:51	
12/31/2016	1.071	1.002	1.000	1.011	
12/31/2017	1.095	1.004	1.008	1.000	
12/31/2018	1.023	1.002	1.000	1.000	
12/31/2019	1.047	1.006	1.002		
12/31/2020	1.061	1.021			
12/31/2021	1.088				
Average of the latest 3 years	1.065	1.010	1.004	1.004	
Selection	1.065	1.010	1.004	1.004	1.000
To Ultimate	1.084	1.018	1.008	1.004	1.000

North Carolina Facility Data
 Bodily Injury Basic Limit Loss Development
 Miscellaneous Incurred Losses and Expenses

Section D
 Exhibit 1
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ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS

12/31/2016	183,299	292,296	541,811	742,097	496,320
12/31/2017	594,530	497,096	589,432	540,329	540,329
12/31/2018	187,627	266,173	167,974	167,976	167,976
12/31/2019	87,046	121,766	126,808	126,808	
12/31/2020	296,963	468,784	514,876		
12/31/2021	231,599	463,615			
12/31/2022	137,750				

ACC YR ENDED	27:15	39:27	51:39	63:51	
12/31/2016	1.595	1.854	1.370	0.669	
12/31/2017	0.836	1.186	0.917	1.000	
12/31/2018	1.419	0.631	1.000	1.000	
12/31/2019	1.399	1.041	1.000		
12/31/2020	1.579	1.098			
12/31/2021	2.002				
Average of the latest 3 years	1.660	0.924	0.972	0.890	
Selection	1.660	1.000	1.000	1.000	1.000
To Ultimate	1.660	1.000	1.000	1.000	1.000

North Carolina Facility Data
Property Damage Basic Limit Loss Development
Miscellaneous Incurred Losses and Expenses

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Exhibit 1
Sheet 22

ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS

12/31/2016	315,800	306,037	308,342	308,342	308,342
12/31/2017	370,651	391,715	386,902	389,647	389,647
12/31/2018	221,646	236,857	246,452	248,952	248,952
12/31/2019	240,912	234,947	232,997	232,997	
12/31/2020	377,781	378,111	378,672		
12/31/2021	259,562	308,462			
12/31/2022	257,288				

ACC YR ENDED	27:15	39:27	51:39	63:51	
12/31/2016	0.969	1.008	1.000	1.000	
12/31/2017	1.057	0.988	1.007	1.000	
12/31/2018	1.069	1.041	1.010	1.000	
12/31/2019	0.975	0.992	1.000		
12/31/2020	1.001	1.001			
12/31/2021	1.188				
Average of the latest 3 years	1.055	1.011	1.006	1.000	
Selection	1.055	1.011	1.006	1.000	1.000
To Ultimate	1.073	1.017	1.006	1.000	1.000

North Carolina Facility Data
 Bodily Injury Total Limits Loss Development
 Miscellaneous Incurred Losses and Expenses

Section D
 Exhibit 1
 Sheet 23

ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS

12/31/2016	453,359	562,356	1,697,107	1,910,868	1,667,920
12/31/2017	792,404	814,720	946,508	868,837	868,837
12/31/2018	227,627	376,673	286,005	280,801	281,138
12/31/2019	87,046	155,105	188,040	188,040	
12/31/2020	352,026	833,438	984,583		
12/31/2021	370,289	788,588			
12/31/2022	137,750				

ACC YR ENDED	27:15	39:27	51:39	63:51	
12/31/2016	1.240	3.018	1.126	0.873	
12/31/2017	1.028	1.162	0.918	1.000	
12/31/2018	1.655	0.759	0.982	1.001	
12/31/2019	1.782	1.212	1.000		
12/31/2020	2.368	1.181			
12/31/2021	2.130				
Average of the latest 3 years	2.093	1.051	0.967	0.958	
Selection	2.093	1.051	1.000	1.000	1.000
To Ultimate	2.200	1.051	1.000	1.000	1.000

North Carolina Facility Data
Property Damage Total Limits Loss Development
Miscellaneous Incurred Losses and Expenses

Section D
Exhibit 1
Sheet 24

ACC YR ENDED 15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS

12/31/2016	407,548	397,785	400,090	400,090	400,090
12/31/2017	489,953	519,999	515,186	517,931	517,931
12/31/2018	267,063	283,274	292,869	295,369	295,369
12/31/2019	259,900	254,115	252,541	252,541	
12/31/2020	391,758	405,893	406,454		
12/31/2021	261,795	310,785			
12/31/2022	268,111				

ACC YR ENDED	27:15	39:27	51:39	63:51	
12/31/2016	0.976	1.006	1.000	1.000	
12/31/2017	1.061	0.991	1.005	1.000	
12/31/2018	1.061	1.034	1.009	1.000	
12/31/2019	0.978	0.994	1.000		
12/31/2020	1.036	1.001			
12/31/2021	1.187				
Average of the latest 3 years	1.067	1.010	1.005	1.000	
Selection	1.067	1.010	1.005	1.000	1.000
To Ultimate	1.083	1.015	1.005	1.000	1.000

Commercial Auto Liability
NORTH CAROLINA

BODILY INJURY TREND FACTORS

PAID DATA THROUGH 9/30/2022

\$30,000

12 Point - Paid Weighted Severity	5.2%
24 Point - Paid Weighted Severity	4.4%
12 Point - Paid NC only Severity	11.1%
24 Point - Paid NC only Severity	7.3%
Selected Severity Trend Factor	7.0%

INCURRED DATA THROUGH 6/30/2022

Selected Frequency Trend Factor	0.0%
Selected Combined Trend Factor	7.0%

PAID DATA THROUGH 9/30/2022

Total Limits

12 Point - Paid Weighted Severity	12.7%
24 Point - Paid Weighted Severity	8.1%
12 Point - Paid NC only Severity	22.9%
24 Point - Paid NC only Severity	10.6%
Selected Severity Trend Factor	11.0%

INCURRED DATA THROUGH 6/30/2022

Selected Frequency Trend Factor	0.0%
Selected Combined Trend Factor	11.0%

Commercial Auto Liability
NORTH CAROLINA

PROPERTY DAMAGE TREND FACTORS

PAID DATA THROUGH 9/30/2022

\$30,000

12 Point - Paid Weighted Severity	10.4%
24 Point - Paid Weighted Severity	7.7%
12 Point - Paid NC only Severity	12.8%
24 Point - Paid NC only Severity	9.1%
Selected Severity Trend Factor	10.5%

INCURRED DATA THROUGH 6/30/2022

Selected Frequency Trend Factor	0.0%
Selected Combined Trend Factor	10.5%

PAID DATA THROUGH 9/30/2022

Total Limits

12 Point - Paid Weighted Severity	12.3%
24 Point - Paid Weighted Severity	8.5%
12 Point - Paid NC only Severity	15.1%
24 Point - Paid NC only Severity	10.0%
Selected Severity Trend Factor	12.0%

INCURRED DATA THROUGH 6/30/2022

Selected Frequency Trend Factor	0.0%
Selected Combined Trend Factor	12.0%

COMMERCIAL AUTO LIABILITY
DETERMINATION OF FACTORS TO ADJUST ACCIDENT YEAR
LOSS RATIOS FOR SUBSEQUENT CHANGES

AVERAGE PAID CLAIM COST DATA

YEAR ENDED	<u>NORTH CAROLINA</u>				<u>MULTISTATE*</u>			
	<u>BODILY INJURY</u>		<u>PROPERTY DAMAGE</u>		<u>BODILY INJURY</u>		<u>PROPERTY DAMAGE</u>	
	<u>(\$30000 LIMITS)</u>		<u>(\$25000 LIMITS)</u>		<u>(\$30000 LIMITS)</u>		<u>(\$25000 LIMITS)</u>	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	EXPONEN-		EXPONEN-		EXPONEN-		EXPONEN-	
	<u>ACTUAL</u>	<u>TIAL FIT</u>	<u>ACTUAL</u>	<u>TIAL FIT</u>	<u>ACTUAL</u>	<u>TIAL FIT</u>	<u>ACTUAL</u>	<u>TIAL FIT</u>
12/31/2019	10005.28	9809.00	4626.96	4552.00	14183.82	14233.90	4517.54	4496.92
3/31/2020	9665.24	10070.64	4712.36	4690.71	14270.74	14406.22	4604.12	4599.69
6/30/2020	10389.15	10339.26	4883.62	4833.65	14544.99	14580.62	4758.18	4704.80
9/30/2020	10695.23	10615.05	5001.96	4980.94	14789.74	14757.14	4845.12	4812.31
12/31/2020	11002.65	10898.20	5094.80	5132.72	15050.62	14935.79	4962.53	4922.28
3/31/2021	11414.73	11188.89	5272.30	5289.13	15259.86	15116.60	5049.87	5034.76
6/30/2021	11458.63	11487.34	5242.49	5450.30	15452.26	15299.60	5016.14	5149.82
9/30/2021	11601.60	11793.75	5470.01	5616.39	15471.04	15484.82	5146.78	5267.50
12/31/2021	11843.72	12108.34	5744.33	5787.53	15631.25	15672.28	5280.20	5387.87
3/31/2022	12757.86	12431.31	6011.09	5963.90	15844.10	15862.01	5460.23	5510.99
6/30/2022	12704.40	12762.90	6306.18	6145.63	15917.57	16054.03	5707.62	5636.93
9/30/2022	13091.64	13103.34	6423.95	6332.90	16238.18	16248.38	5951.48	5765.74

	<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>
(9) AVERAGE ANNUAL PERCENT CHANGE IN PAID CLAIM COST (12TH POINT / 8TH POINT)		
(A) NORTH CAROLINA	11.1%	12.8%
(B) MULTISTATE	4.9%	9.5%
(10) CREDIBILITY	0.05	0.30
(11) WEIGHTED AVERAGE ANNUAL PERCENT CHANGE IN PAID CLAIM COSTS {(10) * (9A)} + {(1.0 - (10)) * (9B)}	5.2%	10.4%
(12) AVERAGE ANNUAL PERCENT CHANGE IN CLAIM FREQUENCY	0.0%	0.0%
(13) AVERAGE ANNUAL PERCENT CHANGE IN LIABILITY LOSS RATIO (11) * (12)	5.2%	10.4%

* EXCLUDES MASSACHUSETTS

COMMERCIAL AUTO LIABILITY
 DETERMINATION OF FACTORS TO ADJUST ACCIDENT YEAR
 LOSS RATIOS FOR SUBSEQUENT CHANGES

AVERAGE PAID CLAIM COST DATA

YEAR ENDED	NORTH CAROLINA				MULTISTATE*			
	BODILY INJURY (\$30000 LIMITS)		PROPERTY DAMAGE (\$25000 LIMITS)		BODILY INJURY (\$30000 LIMITS)		PROPERTY DAMAGE (\$25000 LIMITS)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ACTUAL	EXPONENTIAL FIT	ACTUAL	EXPONENTIAL FIT	ACTUAL	EXPONENTIAL FIT	ACTUAL	EXPONENTIAL FIT
12/31/2016	8576.57	8369.21	3824.31	3689.69	12772.63	12690.49	3918.59	3775.75
3/31/2017	8758.61	8518.14	3899.04	3770.50	12855.96	12822.97	3958.19	3840.93
6/30/2017	8737.21	8669.71	3919.38	3853.08	13013.89	12956.84	3971.78	3907.24
9/30/2017	8756.15	8823.98	3985.39	3937.47	13023.23	13092.10	4017.30	3974.69
12/31/2017	8915.69	8981.00	3999.14	4023.71	13251.07	13228.78	4047.54	4043.30
3/31/2018	9217.78	9140.81	4050.21	4111.84	13383.25	13366.88	4085.42	4113.10
6/30/2018	9577.11	9303.46	4186.21	4201.89	13571.93	13506.42	4150.44	4184.11
9/30/2018	9786.69	9469.01	4341.14	4293.92	13750.96	13647.43	4211.62	4256.34
12/31/2018	9697.62	9637.51	4398.70	4387.97	13814.21	13789.90	4284.03	4329.82
3/31/2019	9897.04	9809.00	4510.86	4484.07	14005.48	13933.86	4341.11	4404.56
6/30/2019	9718.08	9983.54	4536.85	4582.28	13955.23	14079.32	4401.75	4480.60
9/30/2019	9743.50	10161.19	4523.21	4682.64	14056.19	14226.30	4461.15	4557.95
12/31/2019	10005.28	10342.00	4626.96	4785.20	14183.82	14374.82	4517.54	4636.63
3/31/2020	9665.24	10526.03	4712.36	4890.00	14270.74	14524.88	4604.12	4716.68
6/30/2020	10389.15	10713.33	4883.62	4997.10	14544.99	14676.52	4758.18	4798.10
9/30/2020	10695.23	10903.97	5001.96	5106.54	14789.74	14829.73	4845.12	4880.93
12/31/2020	11002.65	11098.00	5094.80	5218.39	15050.62	14984.55	4962.53	4965.19
3/31/2021	11414.73	11295.48	5272.30	5332.68	15259.86	15140.98	5049.87	5050.91
6/30/2021	11458.63	11496.47	5242.49	5449.47	15452.26	15299.04	5016.14	5138.10
9/30/2021	11601.60	11701.05	5470.01	5568.82	15471.04	15458.76	5146.78	5226.80
12/31/2021	11843.72	11909.26	5744.33	5690.79	15631.25	15620.14	5280.20	5317.03
3/31/2022	12757.86	12121.17	6011.09	5815.43	15844.10	15783.21	5460.23	5408.82
6/30/2022	12704.40	12336.86	6306.18	5942.80	15917.57	15947.97	5707.62	5502.19
9/30/2022	13091.64	12556.39	6423.95	6072.95	16238.18	16114.46	5951.48	5597.18

	BODILY INJURY	PROPERTY DAMAGE
(9) AVERAGE ANNUAL PERCENT CHANGE IN PAID CLAIM COST (12TH POINT / 8TH POINT)		
(A) NORTH CAROLINA	7.3%	9.1%
(B) MULTISTATE	4.2%	7.1%
(10) CREDIBILITY	0.05	0.30
(11) WEIGHTED AVERAGE ANNUAL PERCENT CHANGE IN PAID CLAIM COSTS { (10) * (9A) } + { (1.0 - (10)) * (9B) }	4.4%	7.7%
(12) AVERAGE ANNUAL PERCENT CHANGE IN CLAIM FREQUENCY	0.0%	0.0%
(13) AVERAGE ANNUAL PERCENT CHANGE IN LIABILITY LOSS RATIO (11) * (12)	4.4%	7.7%

* EXCLUDES MASSACHUSETTS.

COMMERCIAL AUTO LIABILITY
DETERMINATION OF FACTORS TO ADJUST ACCIDENT YEAR
LOSS RATIOS FOR SUBSEQUENT CHANGES

AVERAGE PAID CLAIM COST DATA

YEAR ENDED	<u>NORTH CAROLINA</u>				<u>MULTISTATE*</u>			
	<u>BODILY INJURY</u>		<u>PROPERTY DAMAGE</u>		<u>BODILY INJURY</u>		<u>PROPERTY DAMAGE</u>	
	<u>(TOTAL LIMITS)</u>		<u>(TOTAL LIMITS)</u>		<u>(TOTAL LIMITS)</u>		<u>(TOTAL LIMITS)</u>	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	EXPONEN-		EXPONEN-		EXPONEN-		EXPONEN-	
	<u>ACTUAL</u>	<u>TIAL FIT</u>	<u>ACTUAL</u>	<u>TIAL FIT</u>	<u>ACTUAL</u>	<u>TIAL FIT</u>	<u>ACTUAL</u>	<u>TIAL FIT</u>
12/31/2019	29859.98	27185.71	4880.22	4855.63	57153.30	55350.40	5044.88	4980.05
3/31/2020	28917.57	28625.88	4999.02	5029.68	58401.94	56955.25	5115.08	5112.03
6/30/2020	30073.91	30142.35	5296.21	5209.96	58969.75	58606.62	5312.01	5247.51
9/30/2020	33527.40	31739.15	5469.83	5396.71	60669.01	60305.88	5420.19	5386.58
12/31/2020	30899.74	33420.55	5598.83	5590.14	60965.27	62054.41	5582.21	5529.33
3/31/2021	32900.21	35191.01	5828.62	5790.52	60966.78	63853.63	5704.55	5675.87
6/30/2021	35264.26	37055.27	5776.42	5998.07	63465.27	65705.02	5622.35	5826.29
9/30/2021	35430.96	39018.29	6072.31	6213.07	65233.39	67610.09	5782.31	5980.70
12/31/2021	38426.20	41085.30	6369.56	6435.77	68950.50	69570.40	5977.46	6139.20
3/31/2022	46425.82	43261.81	6654.65	6666.45	72200.93	71587.54	6219.97	6301.90
6/30/2022	50060.92	45553.62	7005.64	6905.40	75214.61	73663.17	6563.53	6468.91
9/30/2022	49784.33	47966.85	7307.24	7152.92	79264.00	75798.99	6967.57	6640.35

	<u>BODILY INJURY</u>	<u>PROPERTY DAMAGE</u>
(9) AVERAGE ANNUAL PERCENT CHANGE IN PAID CLAIM COST (12TH POINT / 8TH POINT)		
(A) NORTH CAROLINA	22.9%	15.5%
(B) MULTISTATE	12.1%	11.0%
(10) CREDIBILITY	0.05	0.30
(11) WEIGHTED AVERAGE ANNUAL PERCENT CHANGE IN PAID CLAIM COSTS {(10) * (9A)} + {(1.0 - (10)) * (9B)}	12.7%	12.3%
(12) AVERAGE ANNUAL PERCENT CHANGE IN CLAIM FREQUENCY	0.0%	0.0%
(13) AVERAGE ANNUAL PERCENT CHANGE IN LIABILITY LOSS RATIO (11) * (12)	12.7%	12.3%

* EXCLUDES MASSACHUSETTS

COMMERCIAL AUTO LIABILITY
 DETERMINATION OF FACTORS TO ADJUST ACCIDENT YEAR
 LOSS RATIOS FOR SUBSEQUENT CHANGES

AVERAGE PAID CLAIM COST DATA

YEAR ENDED	<u>NORTH CAROLINA</u>				<u>MULTISTATE*</u>			
	BODILY INJURY		PROPERTY DAMAGE		BODILY INJURY		PROPERTY DAMAGE	
	(TOTAL LIMITS)		(TOTAL LIMITS)		(TOTAL LIMITS)		(TOTAL LIMITS)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ACTUAL	EXPONENTIAL FIT	ACTUAL	EXPONENTIAL FIT	ACTUAL	EXPONENTIAL FIT	ACTUAL	EXPONENTIAL FIT
12/31/2016	25539.35	23333.62	4080.96	3900.77	48187.34	46513.21	4278.24	4140.80
3/31/2017	27334.00	23927.20	4145.43	3994.85	48444.08	47415.81	4328.95	4220.08
6/30/2017	26321.56	24535.89	4148.85	4091.19	49289.05	48335.94	4358.84	4300.89
9/30/2017	26667.37	25160.05	4288.52	4189.85	50173.57	49273.91	4432.30	4383.25
12/31/2017	25204.59	25800.10	4299.26	4290.90	50357.26	50230.09	4490.06	4467.18
3/31/2018	25208.94	26456.42	4399.67	4394.38	51224.14	51204.83	4530.04	4552.71
6/30/2018	30392.35	27129.45	4526.03	4500.36	52406.27	52198.48	4613.25	4639.89
9/30/2018	29169.39	27819.59	4713.69	4608.90	52645.83	53211.41	4695.40	4728.73
12/31/2018	28994.78	28527.29	4724.00	4720.05	54486.66	54244.00	4811.76	4819.28
3/31/2019	28696.28	29252.99	4813.64	4833.88	55532.37	55296.63	4900.01	4911.56
6/30/2019	25199.07	29997.16	4825.14	4950.46	55851.10	56369.68	4964.09	5005.61
9/30/2019	24463.79	30760.25	4730.88	5069.85	55889.14	57463.56	5022.70	5101.46
12/31/2019	29859.98	31542.76	4880.22	5192.12	57153.30	58578.66	5044.88	5199.14
3/31/2020	28917.57	32345.17	4999.02	5317.33	58401.94	59715.41	5115.08	5298.69
6/30/2020	30073.91	33168.00	5296.21	5445.57	58969.75	60874.21	5312.01	5400.15
9/30/2020	33527.40	34011.76	5469.83	5576.90	60669.01	62055.50	5420.19	5503.56
12/31/2020	30899.74	34876.98	5598.83	5711.40	60965.27	63259.71	5582.21	5608.94
3/31/2021	32900.21	35764.21	5828.62	5849.14	60966.78	64487.29	5704.55	5716.34
6/30/2021	35264.26	36674.01	5776.42	5990.20	63465.27	65738.69	5622.35	5825.80
9/30/2021	35430.96	37606.96	6072.31	6134.66	65233.39	67014.38	5782.31	5937.35
12/31/2021	38426.20	38563.64	6369.56	6282.61	68950.50	68314.82	5977.46	6051.04
3/31/2022	46425.82	39544.66	6654.65	6434.13	72200.93	69640.49	6219.97	6166.90
6/30/2022	50060.92	40550.63	7005.64	6589.30	75214.61	70991.90	6563.53	6284.99
9/30/2022	49784.33	41582.20	7307.24	6748.21	79264.00	72369.52	6967.57	6405.33

BODILY INJURY PROPERTY DAMAGE

(9) AVERAGE ANNUAL PERCENT CHANGE IN PAID CLAIM COST (12TH POINT / 8TH POINT)

(A) NORTH CAROLINA	10.6%	10.0%
(B) MULTISTATE	8.0%	7.9%

(10) CREDIBILITY

0.05	0.30
------	------

(11) WEIGHTED AVERAGE ANNUAL PERCENT CHANGE IN PAID CLAIM COSTS

{ (10) * (9A) } + { (1.0 - (10)) * (9B) }	8.1%	8.5%
---	------	------

(12) AVERAGE ANNUAL PERCENT CHANGE IN CLAIM FREQUENCY

0.0%	0.0%
------	------

(13) AVERAGE ANNUAL PERCENT CHANGE IN LIABILITY LOSS RATIO (11) * (12)

8.1%	8.5%
------	------

* EXCLUDES MASSACHUSETTS.

LIABILITY
FREQUENCY TREND

The data underlying the claim frequency trend selections is shown on the following exhibits. The exhibits include quarterly points for Multistate, North Carolina Voluntary, and NCRF incurred frequency trends, as well as, annual changes in incurred frequency trend, for the combined experience of all commercial automobile classes that employ a common exposure base (car-years). As can be seen from the exhibits, frequency for both bodily injury and property damage has changed from year to year in an unpredictable manner. Historically, frequency trend for commercial auto liability has been quite variable, often cyclical in nature. As a result, an exponential curve of the form $Y=A(B^X)$ does not fit the data well over the long term. Frequency trend is being selected to be 0.0% for bodily injury and 0.0% for property damage.

COMMERCIAL AUTO LIABILITY
INCURRED CLAIM FREQUENCY

MULTISTATE*

ALL COMMERCIAL AUTOMOBILE CLASSES COMBINED#

<u>YEAR</u> <u>ENDING</u>	<u>BODILY INJURY</u> <u>ACTUAL</u>	<u>BODILY INJURY</u> <u>ACTUAL CHANGE@</u>	<u>PROPERTY DAMAGE</u> <u>ACTUAL</u>	<u>PROPERTY DAMAGE</u> <u>ACTUAL CHANGE@</u>
9/30/2016	0.7915		2.8505	
12/31/2016	0.7915		2.8353	
3/31/2017	0.7888		2.8094	
6/30/2017	0.7949		2.8019	
9/30/2017	0.7913	0.0%&	2.7669	-2.9%&
12/31/2017	0.7940		2.7693	
3/31/2018	0.7973		2.7845	
6/30/2018	0.7946	0.0%	2.7859	-0.6%
9/30/2018	0.7921		2.7862	
12/31/2018	0.7879		2.7858	
3/31/2019	0.7815		2.7753	
6/30/2019	0.7773	-2.2%	2.7446	-1.5%
9/30/2019	0.7791		2.7386	
12/31/2019	0.7733		2.7091	
3/31/2020	0.7456		2.5911	
6/30/2020	0.6567	-15.5%	2.3067	-16.0%
9/30/2020	0.6042		2.1150	
12/31/2020	0.5521		1.9418	
3/31/2021	0.5296		1.8712	
6/30/2021	0.5750	-12.4%	2.0062	-13.0%
9/30/2021	0.5789		2.0308	
12/31/2021	0.5839		2.0419	
3/31/2022	0.5942		2.0663	
6/30/2022	0.5931	3.1%	2.0466	2.0%

* EXCLUDES MASSACHUSETTS

CONSISTS OF THE FOLLOWING CLASSES WHICH ARE RATED ON A PER CAR BASIS:
TRUCKS, TRACTORS, AND TRAILERS, PRIVATE PASSENGER TYPES, BUSES AND PUBLICS
@ CHANGE BASED ON YEARS ENDING 6/30/XXXX
& CHANGE BASED ON YEAR ENDING 9/30/2017 DIVIDED BY 9/30/2016

COMMERCIAL AUTO LIABILITY
INCURRED CLAIM FREQUENCY

NORTH CAROLINA*

ALL COMMERCIAL AUTOMOBILE CLASSES COMBINED#

<u>YEAR</u> <u>ENDING</u>	<u>BODILY INJURY</u> <u>ACTUAL</u>	<u>BODILY INJURY</u> <u>ACTUAL CHANGE@</u>	<u>PROPERTY DAMAGE</u> <u>ACTUAL</u>	<u>PROPERTY DAMAGE</u> <u>ACTUAL CHANGE@</u>
9/30/2016	0.9395		2.7077	
12/31/2016	0.9854		2.7937	
3/31/2017	0.9999		2.7750	
6/30/2017	0.9862		2.7992	
9/30/2017	0.9959	6.0%&	2.7781	2.6%&
12/31/2017	0.9987		2.7651	
3/31/2018	0.9461		2.7561	
6/30/2018	0.9398	-4.7%	2.7056	-3.3%
9/30/2018	0.9284		2.6814	
12/31/2018	0.8765		2.6419	
3/31/2019	0.8810		2.6272	
6/30/2019	0.8917	-5.1%	2.6086	-3.6%
9/30/2019	0.9034		2.6292	
12/31/2019	0.9160		2.5669	
3/31/2020	0.8975		2.5093	
6/30/2020	0.7895	-11.5%	2.2919	-12.1%
9/30/2020	0.7374		2.1490	
12/31/2020	0.6549		2.0244	
3/31/2021	0.6177		1.8944	
6/30/2021	0.6376	-19.2%	1.9748	-13.8%
9/30/2021	0.5958		1.9695	
12/31/2021	0.5984		1.9419	
3/31/2022	0.6093		1.9900	
6/30/2022	0.6285	-1.4%	1.9989	1.2%

* EXCLUDES NORTH CAROLINA REINSURANCE FACILITY DATA

CONSISTS OF THE FOLLOWING CLASSES WHICH ARE RATED ON A PER CAR BASIS:

TRUCKS, TRACTORS, AND TRAILERS, PRIVATE PASSENGER TYPES, BUSES AND PUBLICS

@ CHANGE BASED ON YEARS ENDING 6/30/XXXX

& CHANGE BASED ON YEAR ENDING 9/30/2017 DIVIDED BY 9/30/2016

COMMERCIAL AUTO LIABILITY
INCURRED CLAIM FREQUENCY

NORTH CAROLINA REINSURANCE FACILITY*

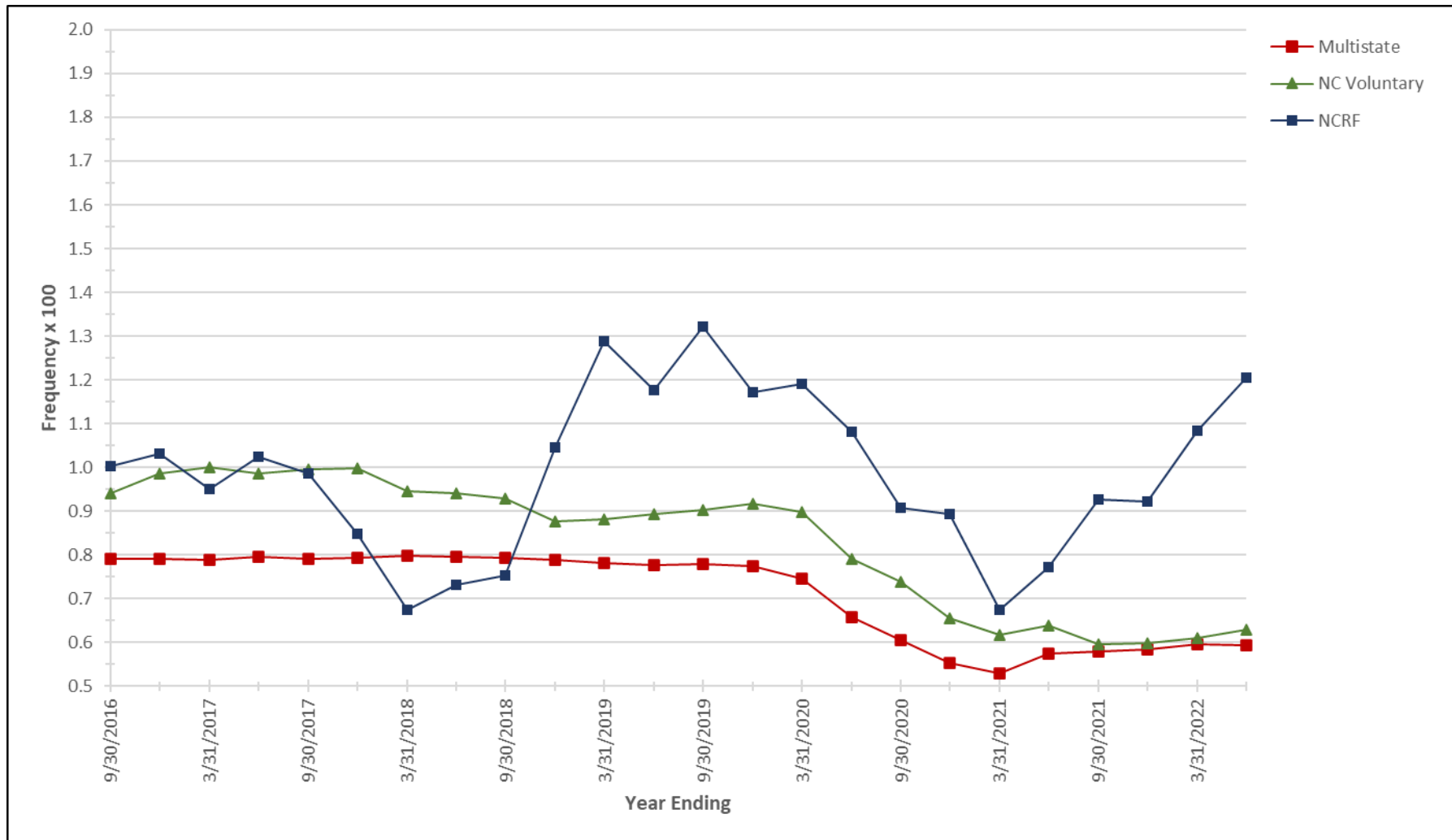
ALL COMMERCIAL AUTOMOBILE CLASSES COMBINED#

<u>YEAR</u> <u>ENDING</u>	<u>BODILY INJURY</u> <u>ACTUAL</u>	<u>BODILY INJURY</u> <u>ACTUAL CHANGE@</u>	<u>PROPERTY DAMAGE</u> <u>ACTUAL</u>	<u>PROPERTY DAMAGE</u> <u>ACTUAL CHANGE@</u>
9/30/2016	1.0035		2.6132	
12/31/2016	1.0299		2.7688	
3/31/2017	0.9489		2.6887	
6/30/2017	1.0242		2.6625	
9/30/2017	0.9858	-1.8%&	2.5786	-1.3%&
12/31/2017	0.8474		2.2886	
3/31/2018	0.6732		2.1746	
6/30/2018	0.7313	-28.6%	2.3086	-13.3%
9/30/2018	0.7514		2.1846	
12/31/2018	1.0464		2.2722	
3/31/2019	1.2884		2.4696	
6/30/2019	1.1750	60.7%	2.3512	1.8%
9/30/2019	1.3216		2.8045	
12/31/2019	1.1723		3.0261	
3/31/2020	1.1912		2.8828	
6/30/2020	1.0819	-7.9%	2.8165	19.8%
9/30/2020	0.9076		2.5237	
12/31/2020	0.8927		2.3410	
3/31/2021	0.6733		2.4062	
6/30/2021	0.7704	-28.8%	2.3406	-16.9%
9/30/2021	0.9254		2.4168	
12/31/2021	0.9219		2.5870	
3/31/2022	1.0828		2.7260	
6/30/2022	1.2052	56.4%	3.0597	30.7%

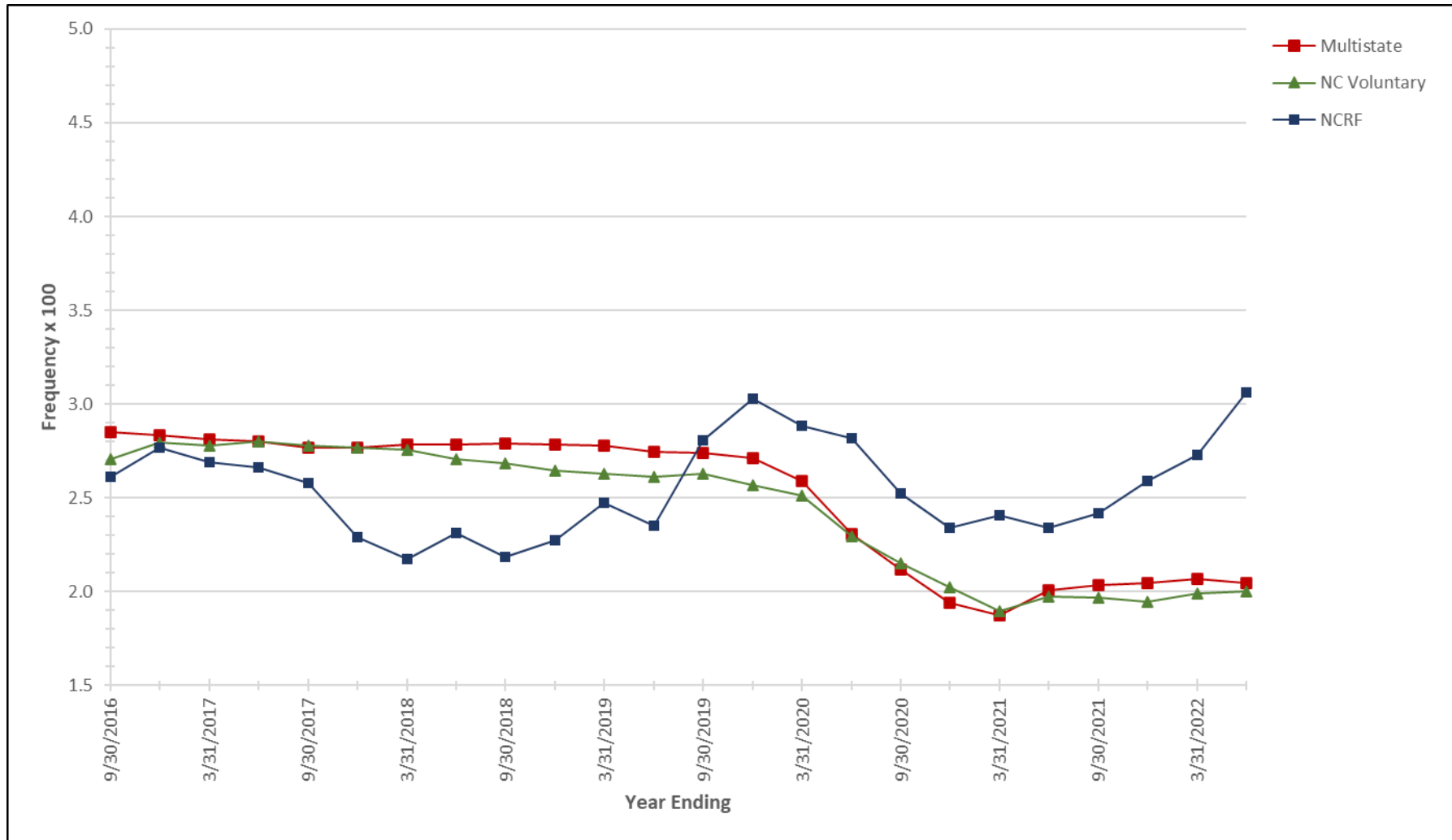
* INCLUDES NORTH CAROLINA REINSURANCE FACILITY DATA ONLY

CONSISTS OF THE FOLLOWING CLASSES WHICH ARE RATED ON A PER CAR BASIS:
TRUCKS, TRACTORS, AND TRAILERS, PRIVATE PASSENGER TYPES, BUSES AND PUBLICS
@ CHANGE BASED ON YEARS ENDING 6/30/XXXX
& CHANGE BASED ON YEAR ENDING 9/30/2017 DIVIDED BY 9/30/2016

**Commercial Automobile Liability
Actual BI Incurred Claim Frequency**



Commercial Automobile Liability Actual PD Incurred Claim Frequency



NORTH CAROLINA
PRIVATE PASSENGER AUTOMOBILE INSURANCE
DETERMINATION OF TREND FOR EXPENSES

Section D
Exhibit 3
Sheet 1

	<u>ALL ITEMS CPI INDEX</u>	<u>ALL ITEMS - LESS ENERGY CPI INDEX</u>	<u>COMPENSATION COST INDEX</u>
Oct-18	252.9	257.7	
Nov-18	252.0	257.7	135.7
Dec-18	251.2	257.8	
Jan-19	251.7	258.9	
Feb-19	252.8	259.8	137.8
Mar-19	254.2	260.5	
Apr-19	255.5	260.9	
May-19	256.1	261.2	139.1
Jun-19	256.1	261.7	
Jul-19	256.6	262.1	
Aug-19	256.6	262.6	139.6
Sep-19	256.8	263.0	
Oct-19	257.3	263.5	
Nov-19	257.2	263.5	139.6
Dec-19	257.0	263.5	
Jan-20	258.0	264.5	
Feb-20	258.7	265.7	140.6
Mar-20	258.1	265.9	
Apr-20	256.4	265.5	
May-20	256.4	265.5	142.5
Jun-20	257.8	266.1	
Jul-20	259.1	267.1	
Aug-20	259.9	268.1	142.7
Sep-20	260.3	268.3	
Oct-20	260.4	268.7	
Nov-20	260.2	268.7	143.0
Dec-20	260.5	268.6	
Jan-21	261.6	269.2	
Feb-21	263.0	270.1	144.6
Mar-21	264.9	271.0	
Apr-21	267.1	273.1	
May-21	269.2	274.9	145.6
Jun-21	271.7	277.2	
Jul-21	273.0	278.2	
Aug-21	273.6	278.7	146.4
Sep-21	274.3	279.4	
Oct-21	276.6	281.2	
Nov-21	277.9	282.4	147.1
Dec-21	278.8	283.6	
Jan-22	281.1	285.8	
Feb-22	283.7	288.0	150.1
Mar-22	287.5	289.5	
Apr-22	289.1	291.2	
May-22	292.3	293.1	153.4
Jun-22	296.3	295.4	
Jul-22	296.3	296.7	
Aug-22	296.2	298.3	154.4
Sep-22	296.8	299.7	

NORTH CAROLINA
PRIVATE PASSENGER AUTOMOBILE INSURANCE
DETERMINATION OF TREND FOR EXPENSES

Section D
Exhibit 3
Sheet 2

	<u>All Items (A)</u>	<u>All Items - Less Energy (B)</u>	<u>CCI (C)</u>	<u>Combined (D)</u>
(1) Annual Change in indices based on exponential curve of best fit for the latest 48 points (or 16 quarters)	4.15%	3.66%	3.10%	3.50%
(2) Annual Change in indices based on exponential curve of best fit for the latest 36 points (or 12 quarters)	5.60%	4.59%	3.54%	4.32%
(3) Annual Change in indices based on exponential curve of best fit for the latest 24 points (or 8 quarters)	7.97%	6.32%	4.52%	5.83%
(4) Annual Change in indices based on exponential curve of best fit for the latest 12 points (or 4 quarters)	9.37%	7.55%	6.91%	7.68%

(5) Average Annual Index (E)

Year Ended	3/31/2020	257.00	263.18	139.73
Year Ended	9/30/2020	258.02	265.60	141.35
Year Ended	3/31/2021	260.04	268.08	143.20
Year Ended	9/30/2021	266.63	273.15	144.90
Year Ended	3/31/2022	276.21	281.00	147.30
Year Ended	9/30/2022	287.72	290.41	151.25

(6) Current Cost Factor (Index Value Divided by Average Annual Index)

Year Ended	3/31/2020	1.15	1.14	1.11	1.13
Year Ended	9/30/2020	1.15	1.13	1.09	1.12
Year Ended	3/31/2021	1.14	1.12	1.08	1.11
Year Ended	9/30/2021	1.11	1.10	1.07	1.09
Year Ended	3/31/2022	1.07	1.07	1.05	1.06
Year Ended	9/30/2022	1.03	1.03	1.02	1.03

(7) Selected Expense Trend: 5.5%

Notes: (A) All items CPI index (urban). Source: Bureau of Labor Statistics.

(B) All items less energy CPI index (urban). Source: Bureau of Labor Statistics.

(C) Total Compensation Cost Index - Insurance Carriers, Agent Brokers, and Service.
Source: Bureau of Labor Statistics.

(D) Weighted Average determined as .25 (All items) + .25 (All items - Less Energy) + .50 (CCI).

(E) Average year ended index for period shown.

NORTH CAROLINA

Section D
Exhibit 3
Sheet 3

EXTERNAL EXPENSE TREND SUMMARY

AVERAGE ANNUAL RATES OF CHANGE
DATA ENDED SEPTEMBER 2022

ALL ITEMS CONSUMER PRICE INDEX

	STRAIGHT LINE		<u>EXPONENTIAL</u>
	<u>END POINT</u>	<u>MID POINT</u>	
48 points	3.82%	4.13%	4.15%
36 points	5.10%	5.51%	5.60%
24 points	7.16%	7.68%	7.97%
12 points	8.59%	8.94%	9.37%

ALL ITEMS - LESS ENERGY CONSUMER PRICE INDEX

	STRAIGHT LINE		<u>EXPONENTIAL</u>
	<u>END POINT</u>	<u>MID POINT</u>	
48 points	3.37%	3.63%	3.66%
36 points	4.20%	4.53%	4.59%
24 points	5.73%	6.15%	6.32%
12 points	6.99%	7.27%	7.55%

COMPENSATION COST INDEX

	STRAIGHT LINE		<u>EXPONENTIAL</u>
	<u>END POINT</u>	<u>MID POINT</u>	
16 points	2.90%	3.07%	3.10%
12 points	3.33%	3.49%	3.54%
8 points	4.27%	4.44%	4.52%
4 points	6.50%	6.66%	6.91%

NORTH CAROLINA

Section D
Exhibit 3
Sheet 4

EXTERNAL EXPENSE TREND SUMMARY
CORRELATION COEFFICIENTS
DATA ENDED SEPTEMBER 2022

ALL ITEMS CONSUMER PRICE INDEX

	STRAIGHT LINE	EXPONENTIAL
48 points	0.92	0.93
36 points	0.95	0.95
24 points	0.99	0.99
12 points	0.98	0.98

ALL ITEMS - LESS ENERGY CONSUMER PRICE INDEX

	STRAIGHT LINE	EXPONENTIAL
48 points	0.95	0.96
36 points	0.96	0.97
24 points	0.99	0.99
12 points	1.00	1.00

COMPENSATION COST INDEX

	STRAIGHT LINE	EXPONENTIAL
16 points	0.97	0.98
12 points	0.97	0.97
8 points	0.97	0.97
4 points	0.98	0.98

NORTH CAROLINA COMMERCIAL AUTOMOBILE EXPENSE EXPERIENCE
Calendar Year 2022

<u>Item</u>	<u>Bodily Injury</u>	<u>Property Damage</u>	<u>Totals</u>
Premium Written	860,407,228	222,340,624	1,082,747,852
Premium Earned	833,953,674	217,340,140	1,051,293,814
Commission & Brokerage Expense	107,692,346	29,920,113	137,612,459
Other Acquisition Expense	37,121,715	9,990,837	47,112,552
General Expense	52,001,464	13,014,201	65,015,665
Taxes, Licenses, and Fees	20,138,668	4,939,202	25,077,870
Losses Incurred	487,128,817	183,710,467	670,839,284
Allocated Loss Adjustment Expense	29,434,327	10,390,420	39,824,747
Unallocated Loss Adjustment Expense	29,106,890	13,699,395	42,806,285

Ratios
B.I. & P.D. Combined

Commission & Brokerage Expense to Written Premium:	0.127 *
Other Acquisition Expense to Earned Premium:	0.045
General Expense to Earned Premium	0.062 **
Taxes, etc. to Written Premium:	0.023

	<u>B.I.</u>	<u>P.D.</u>	<u>Total</u>
Allocated Loss Adjustment Expense to Incurred Losses:	0.060	0.057	0.059
Unallocated Loss Adjustment Expense to Incurred Losses + Allocated:	0.056	0.071	0.060

* The Facility commission is capped at 10% for Trucks, Tractors, and Trailers, Private Passenger Types, and Auto Dealers. For Zone Rated risks, the Facility commission is capped at 5%.

** 0.056 is used for Trucks, Tractors, and Trailers, Private Passenger Types, and Zone Rated.

0.086 is used for Auto Dealers.

**COMMERCIAL AUTOMOBILE INSURANCE
TABLES OF CREDIBILITY AND WEIGHTS**

Section D
Exhibit 5

Credibility Tables

Credibility for Statewide Loss Ratio*

Trucks, Tractors, and Trailers and Private Passenger Types		Auto Dealers and Zone Rated Risks	
<u>Number of Claims</u>	<u>Credibility</u>	<u>Number of Claims</u>	<u>Credibility</u>
0-10	0%	0-6	0%
11-42	10	7-26	10
43-97	20	27-60	20
98-172	30	61-108	30
173-270	40	109-170	40
271-389	50	171-245	50
390-530	60	246-334	60
531-693	70	335-436	70
694-877	80	437-552	80
878-1083	90	553-682	90
1084 and greater	100	683 and greater	100

Credibility for use with Trend Data**

credibility formula = (# claims)/(#claims + K),

where K = 25,000 for Bodily Injury and 10,000 for Property Damage

Accident Year and/or Policy Year Weights

The loss and loss adjustment expense ratios are weighted as follows:

<u>Year Ending</u>	<u>Weights</u>
12/31/2018	0.05
12/31/2019	0.10
12/31/2020	0.15
12/31/2021	0.25
12/31/2022	0.45

* These credibility standards are based on the first model discussed in "An Introduction to Credibility Theory" by L.H. Longley-Cook. The full credibility standard for Trucks and Private Passenger Types is based on P and K values of 90% and 5% respectively. For Auto Dealers and Zone Rated Risks, the P and K values are 95% and 7.5% respectively.

** These trend credibility standards are based on a Bayesian model which expresses credibility in terms of the observed number of claims and a constant K. The model measures the variation in the trend points between states compared to the variation on a countrywide basis.

In setting the rates, income from investment earnings from assets attributable to unearned premium and loss reserves was considered.

COMMERCIAL AUTOMOBILE INSURANCE
CEDED LIABILITY COVERAGE

Section D
Exhibit 6
Sheet 1

ESTIMATED INVESTMENT EARNINGS ON UNEARNED
PREMIUM RESERVES AND ON LOSS RESERVES

TRUCKS, TRACTORS, AND TRAILERS AND PRIVATE PASSENGER TYPES

A. Unearned Premium Reserve	
1. Earned Premium for Calendar Year Ending 12/31/2022	<u>\$150,769,420</u>
2. Mean Unearned Premium Reserve: (1) x 0.444	<u>66,941,622</u>
3. Deduction for Prepaid Expenses	
Commission and Brokerage Expense	10.00%
83% of Taxes, Licenses and Fees	1.91%
50% of Other Acquisition Expense	2.25%
50% of Company Operating Expense	<u>2.80%</u>
Total	16.96%
4. (2) x (3)	<u>11,353,299</u>
5. Net Subject to Investment (2) - (4)	<u>55,588,323</u>
B. Delayed Remission of Premium (Agents' Balances)	
1. Direct Earned Premium (A-1)	<u>150,769,420</u>
2. Average Agents' Balance	0.205
3. Delayed Remission (1) x (2)	<u>30,907,731</u>
C. Loss Reserve	
1. Direct Earned Premium (A-1)	<u>150,769,420</u>
2. Expected Incurred Losses and Loss Adjustment Expenses (1) x 0.726	<u>109,458,599</u>
3. Expected Mean Loss Reserves (2) x 1.916	<u>209,722,676</u>
D. Net Subject to Investment (A-5) - (B-3) + (C-3)	<u>234,403,268</u>
E. Average Rate of Return	<u>3.22%</u>
F. Investment Earnings on Net Subject to Investment (D) x (E)	<u>7,547,785</u>
G. Average Rate of Return as a Percent of Direct Earned Premium (F) / (A-1)	<u>5.01%</u>

COMMERCIAL AUTOMOBILE INSURANCE
CEDED LIABILITY COVERAGE

Section D
Exhibit 6
Sheet 2

ESTIMATED INVESTMENT EARNINGS ON UNEARNED
PREMIUM RESERVES AND ON LOSS RESERVES

AUTO DEALERS

A. Unearned Premium Reserve	
1. Earned Premium for Calendar Year Ending 12/31/2022	<u>\$150,769,420</u>
2. Mean Unearned Premium Reserve: (1) x 0.444	<u>66,941,622</u>
3. Deduction for Prepaid Expenses	
Commission and Brokerage Expense	10.00%
83% of Taxes, Licenses and Fees	1.91%
50% of Other Acquisition Expense	2.25%
50% of Company Operating Expense	<u>4.30%</u>
Total	18.46%
4. (2) x (3)	<u>12,357,423</u>
5. Net Subject to Investment (2) - (4)	<u>54,584,199</u>
B. Delayed Remission of Premium (Agents' Balances)	
1. Direct Earned Premium (A-1)	<u>150,769,420</u>
2. Average Agents' Balance	0.205
3. Delayed Remission (1) x (2)	<u>30,907,731</u>
C. Loss Reserve	
1. Direct Earned Premium (A-1)	<u>150,769,420</u>
2. Expected Incurred Losses and Loss	
Adjustment Expenses (1) x 0.696	<u>104,935,516</u>
3. Expected Mean Loss Reserves (2) x 1.916	<u>201,056,449</u>
D. Net Subject to Investment	
(A-5) - (B-3) + (C-3)	<u>224,732,917</u>
E. Average Rate of Return	<u>3.22%</u>
F. Investment Earnings on Net Subject to Investment (D) x (E)	<u>7,236,400</u>
G. Average Rate of Return as a Percent of Direct Earned	
Premium (F) / (A-1)	<u>4.80%</u>

COMMERCIAL AUTOMOBILE INSURANCE
CEDED LIABILITY COVERAGE

Section D
Exhibit 6
Sheet 3

ESTIMATED INVESTMENT EARNINGS ON UNEARNED
PREMIUM RESERVES AND ON LOSS RESERVES

ZONE RATED RISKS

A. Unearned Premium Reserve	
1. Earned Premium for Calendar Year Ending 12/31/2022	<u>\$150,769,420</u>
2. Mean Unearned Premium Reserve: (1) x 0.444	<u>66,941,622</u>
3. Deduction for Prepaid Expenses	
Commission and Brokerage Expense	5.00%
83% of Taxes, Licenses and Fees	1.91%
50% of Other Acquisition Expense	2.25%
50% of Company Operating Expense	<u>2.80%</u>
Total	11.96%
4. (2) x (3)	<u>8,006,218</u>
5. Net Subject to Investment (2) - (4)	<u>58,935,404</u>
B. Delayed Remission of Premium (Agents' Balances)	
1. Direct Earned Premium (A-1)	<u>150,769,420</u>
2. Average Agents' Balance	<u>0.205</u>
3. Delayed Remission (1) x (2)	<u>30,907,731</u>
C. Loss Reserve	
1. Direct Earned Premium (A-1)	<u>150,769,420</u>
2. Expected Incurred Losses and Loss	
Adjustment Expenses (1) x 0.776	<u>116,997,070</u>
3. Expected Mean Loss Reserves (2) x 1.916	<u>224,166,386</u>
D. Net Subject to Investment	
(A-5) - (B-3) + (C-3)	<u>252,194,059</u>
E. Average Rate of Return	<u>3.22%</u>
F. Investment Earnings on Net Subject to Investment (D) x (E)	<u>8,120,649</u>
G. Average Rate of Return as a Percent of Direct Earned	
Premium (F) / (A-1)	<u>5.39%</u>

Estimated Investment Earnings on Unearned Premium Reserves and on Loss Reserves

Section D
Exhibit 6
Sheet 4

Line A-1

Direct earned premiums are determined from NCRF net underwriting results.

Line A-2

The **mean direct unearned premium reserve** is determined by multiplying the direct earned premiums in line A-1 by the ratio of the mean direct unearned premium reserves to the direct earned premium for the latest available calendar year for the line of business.

1.	Direct Earned Premium for Calendar Year 2021	\$38,969,221
2.	Direct Unearned Premium Reserve as of 12/31/20	16,015,995
3.	Direct Unearned Premium Reserve as of 12/31/21	18,551,440
4.	Mean Direct Unearned Premium Reserve = $\frac{1}{2} [(2) + (3)]$	17,283,718
5.	Ratio (4) / (1)	0.444

Line A-3

Deduction for prepaid expenses:

Production costs and a large part of the other company expenses in connection with the writing and handling of insurance policies, exclusive of claim adjustment expenses, are incurred when the policy is written and before the premium is paid. Therefore, the deduction for these expenses is determined by use of the provisions for expenses used in our determination of an expected loss and LAE ratio.

Line A-4

Deduction for Federal taxes payable:

The Tax Cuts and Jobs Act of 2017 did not alter the 20% tax on the unearned premium reserve, existing since 1986. At a corporate tax rate of 21%, this tax equals 4.2% ($0.20 \times 0.21 = 0.042$) of the unearned premium reserve.

Line B-2

Delayed remission of premium:

This deduction is necessary because of delay in collection and remission of premium to the companies beyond the effective dates of the policies. Funds for the unearned premium reserve required during the initial days of all policies must be taken from the company's surplus.

The total of admitted and non-admitted agents' balances, or uncollected premiums due, amounts to 0.000 of net earned premiums for all companies. The 0.205 is based on the following:

1.	Net Earned Premium for Calendar Year 2021	\$684,749,769
2.	Net Agents' Balances as of 12/31/20	136,584,237
3.	Net Agents' Balances as of 12/31/21	143,554,025
4.	Mean Agents' Balances: $\frac{1}{2} [(2) + (3)]$	140,069,131
5.	Ratio (4) / (1)	0.205

Estimated Investment Earnings on Unearned Premium Reserves and on Loss ReservesSection D
Exhibit 6
Sheet 5Line C-2

The **expected incurred losses** are determined by multiplying the direct earned premium by the average expected loss ratio (including loss adjustment expense).

Line C-3

The **expected mean loss reserve** is determined by multiplying the expected incurred losses in line (C-2) by the average ratio of the mean loss and loss adjustment reserves to the incurred losses and loss adjustment expenses in the latest two available calendar years for the line of business. This ratio is based on industry-aggregate data and includes an adjustment for the estimated federal income taxes payable due to discounting of loss reserves.

1. Direct Incurred for Calendar Year 2020	\$27,502,061
2. Direct Incurred for Calendar Year 2021	30,669,995
3. Direct Reserves as of 12/31/19	50,123,209
4. Direct Reserves as of 12/31/20	55,064,652
5. Direct Reserves as of 12/31/21	62,620,419
6. Mean Loss Reserve 2020: $\frac{1}{2} [(3) + (4)]$	52,593,931
7. Mean Loss Reserve 2021: $\frac{1}{2} [(4) + (5)]$	58,842,536
8. Ratio (6) / (1)	1.912
9. Ratio (7) / (2)	1.919
10. $\frac{1}{2} [(8) + (9)]$	1.916

Notes:

Direct incurred and direct reserves include both indemnity and loss adjustment expense.

All monetary values are expressed in thousands of dollars and based on industry-aggregate information.

NORTH CAROLINA
 Bodily Injury
Unadjusted Experience

Section D
 Exhibit 7
 Sheet 1

Trucks, Tractors, and Trailers:

Accident Year Ending	\$30,000/\$60,000 <u>Incurred Losses*</u>	<u>Excess Losses*</u>
12/31/2018	13,660,538	26,598,770
12/31/2019	14,366,534	22,234,478
12/31/2020	11,851,528	23,643,594
12/31/2021	14,858,782	16,490,320
12/31/2022	9,742,393	9,107,298

Private Passenger Types:

Accident Year Ending	\$30,000/\$60,000 <u>Incurred Losses*</u>	<u>Excess Losses*</u>
12/31/2018	523,331	66,000
12/31/2019	745,387	340,188
12/31/2020	645,605	20,000
12/31/2021	1,610,765	551,263
12/31/2022	673,579	1,470

Auto Dealers

Accident Year Ending	\$30,000/\$60,000 <u>Incurred Losses*</u>	<u>Excess Losses*</u>
12/31/2018	769,779	89,071
12/31/2019	916,567	95,787
12/31/2020	1,122,333	171,153
12/31/2021	719,148	165,843
12/31/2022	471,764	165

Zone Rated Risks

Accident Year Ending	\$30,000/\$60,000 <u>Incurred Losses*</u>	<u>Excess Losses*</u>
12/31/2018	5,870,335	19,230,389
12/31/2019	5,121,980	7,467,691
12/31/2020	4,156,689	13,115,460
12/31/2021	3,171,552	6,750,670
12/31/2022	2,087,549	3,769,720

*These losses are not developed, and include only allocated loss adjustment expenses. The evaluation date of losses is March 31, 2023.

NORTH CAROLINA

Section D
Exhibit 7
Sheet 2

Property Damage
Unadjusted Experience

Trucks, Tractors, and Trailers:

Accident Year Ending	\$25000 <u>Incurring Losses*</u>	<u>Excess Losses*</u>
12/31/2018	14,099,390	1,537,562
12/31/2019	13,925,275	1,369,500
12/31/2020	12,998,289	2,433,306
12/31/2021	16,934,005	3,256,293
12/31/2022	16,413,357	2,616,887

Private Passenger Types:

Accident Year Ending	\$25000 <u>Incurring Losses*</u>	<u>Excess Losses*</u>
12/31/2018	345,821	0
12/31/2019	500,036	0
12/31/2020	656,572	33,708
12/31/2021	1,577,701	47,078
12/31/2022	1,216,533	5,178

Auto Dealers

Accident Year Ending	\$25000 <u>Incurring Losses*</u>	<u>Excess Losses*</u>
12/31/2018	843,818	73,722
12/31/2019	768,413	15,893
12/31/2020	670,338	3,253
12/31/2021	873,646	24,063
12/31/2022	725,603	24,490

Zone Rated Risks

Accident Year Ending	\$25000 <u>Incurring Losses*</u>	<u>Excess Losses*</u>
12/31/2018	4,829,739	881,716
12/31/2019	5,015,636	542,261
12/31/2020	3,459,484	678,879
12/31/2021	4,227,260	624,317
12/31/2022	3,028,328	854,953

*These losses are not developed, and include only allocated loss adjustment expenses. The evaluation date of losses is March 31, 2023.

NORTH CAROLINA

Section D

Exhibit 7

Sheet 3

Bodily Injury
Adjusted ExperienceTrucks, Tractors, and Trailers:

Accident Year Ending	\$30,000/\$60,000 Limits Earned Premium at Present Rates	\$30,000/\$60,000 Incurred Losses [‡]
12/31/2018	21,558,682	22,667,750
12/31/2019	22,300,347	22,790,563
12/31/2020	22,975,080	18,300,174
12/31/2021	25,044,971	23,396,951
12/31/2022	23,789,359	18,419,621

Private Passenger Types:

Accident Year Ending	\$30,000/\$60,000 Limits Earned Premium at Present Rates	\$30,000/\$60,000 Incurred Losses [‡]
12/31/2018	478,473	868,395
12/31/2019	787,217	1,157,002
12/31/2020	1,161,200	936,928
12/31/2021	1,799,639	2,468,563
12/31/2022	1,349,708	1,161,547

Auto Dealers

Accident Year Ending	\$30,000/\$60,000 Limits Earned Premium at Present Rates	\$30,000/\$60,000 Incurred Losses [‡]
12/31/2018	1,672,424	1,277,341
12/31/2019	1,668,660	1,466,815
12/31/2020	1,712,006	1,679,266
12/31/2021	1,646,647	1,006,457
12/31/2022	1,409,933	695,601

Zone Rated Risks

Accident Year Ending	\$30,000/\$60,000 Limits Earned Premium at Present Rates	\$30,000/\$60,000 Incurred Losses [‡]
12/31/2018	9,498,619	9,740,999
12/31/2019	8,703,888	8,371,792
12/31/2020	6,246,559	6,412,391
12/31/2021	7,769,396	5,183,421
12/31/2022	5,842,554	5,022,314

*These losses are the losses used in determining the rate level. They are developed using the appropriate unallocated loss adjustment expense factors, loss development factors, and are trended to one year beyond the prospective effective date.

NORTH CAROLINA

Section D

Exhibit 7

Sheet 4

Property Damage
Adjusted ExperienceTrucks, Tractors, and Trailers:

Accident Year Ending	\$25,000 Limits Earned Premium at Present Rates	\$25,000 Incurred Losses [‡]
12/31/2018	24,797,812	29,099,520
12/31/2019	25,686,126	26,102,978
12/31/2020	26,469,673	22,189,157
12/31/2021	28,923,597	26,560,914
12/31/2022	27,513,077	24,855,518

Private Passenger Types:

Accident Year Ending	\$25,000 Limits Earned Premium at Present Rates	\$25,000 Incurred Losses [‡]
12/31/2018	541,748	713,734
12/31/2019	891,638	936,384
12/31/2020	1,315,214	1,117,477
12/31/2021	2,038,349	2,440,586
12/31/2022	1,529,147	1,929,007

Auto Dealers

Accident Year Ending	\$25,000 Limits Earned Premium at Present Rates	\$25,000 Incurred Losses [‡]
12/31/2018	1,709,054	1,741,543
12/31/2019	1,701,626	1,438,954
12/31/2020	1,754,186	1,139,768
12/31/2021	1,702,186	1,355,504
12/31/2022	1,451,005	1,021,704

Zone Rated Risks

Accident Year Ending	\$25,000 Limits Earned Premium at Present Rates	\$25,000 Incurred Losses [‡]
12/31/2018	8,358,216	9,968,025
12/31/2019	7,662,046	9,401,828
12/31/2020	5,499,582	5,905,625
12/31/2021	6,838,934	6,617,413
12/31/2022	5,141,650	4,780,725

*These losses are the losses used in determining the rate level. They are developed using the appropriate unallocated loss adjustment expense factors, loss development factors, and are trended to one year beyond the prospective effective date.

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTO
CONTINGENCY FACTOR SUPPORT

YEAR	WRITTEN PREMIUMS	NET RESULTS OF OPERATION	% GAIN/LOSS
2007	66,227,808	7,490,800	11.3%
2008	59,273,117	5,567,889	9.4%
2009	50,878,140	3,053,368	6.0%
2010	46,469,710	(7,109,467)	-15.3%
2011	45,877,750	(14,934,209)	-32.6%
2012	47,156,744	(8,247,769)	-17.5%
2013	54,301,497	(16,212,461)	-29.9%
2014	65,376,043	(11,741,798)	-18.0%
2015	85,864,992	(37,958,116)	-44.2%
2016	94,750,622	(27,615,343)	-29.1%
2017	113,082,769	(11,458,946)	-10.1%
2018	116,799,744	(45,371,504)	-38.8%
2019	119,409,706	(20,130,184)	-16.9%
2020	116,829,885	(16,528,689)	-14.1%
2021	153,644,984	(22,310,683)	-14.5%
2022	144,501,145	(21,894,680)	-15.2%
		15 YEAR AVERAGE	-18.7%
		PRIOR 15 YEAR AVERAGE	-17.0%
		SELECTED CONTINGENCY FACTOR	5.0%

SECTION E

Revision of Increased Limits Tables

North Carolina Reinsurance Facility
Commercial Automobile Liability

Revision of Increased Limits Tables

Summary of Changes

The following is a proposed revision of Commercial Automobile Liability Increased Limit Factors. A review of the experience indicates a change of 1.0% in total liability premium for bodily injury and 3.6% for property damage. This document presents revised factors for the following increased limits tables:

- Light and Medium Trucks
- Heavy Trucks and Truck-Tractors
- Extra-Heavy Trucks and Truck-Tractors
- Zone Rated Risks
- All Other Risks

Notes Pertaining to the Revision

- This revision is based upon North Carolina Reinsurance Facility experience. North Carolina and Countrywide Voluntary data has been considered when necessary to promote stability.
- Data for accident years ending December 31, 2018 to December 31, 2022 have been used to develop the indicated changes for each table.
- The five years of data have been developed to an ultimate settlement basis by using the loss development factors shown in Exhibit 3 of Section F.
- Data has been trended to one year beyond the assumed effective date of 4/1/2024.

North Carolina Reinsurance Facility
 Comparison of Indicated and Current Factors
 Bodily Injury Increased Limits Tables

A comparison of indicated and current increased limit factors for selected policy limits is shown below:

		<u>Policy Limit</u>	<u>Indicated Factors</u>	<u>Current Factors</u>
<u>Light and Medium Trucks</u>	\$	30,000 / 60,000	1.00	1.00
		50,000 / 100,000	1.20	1.20
		100,000 / 300,000	1.70	1.69
		500,000 / 500,000	2.50	2.48
		1,000,000 / 1,000,000	3.24	3.21
<u>Heavy Trucks and Truck-Tractors</u>	\$	30,000 / 60,000	1.00	1.00
		50,000 / 100,000	1.24	1.24
		100,000 / 300,000	1.83	1.82
		500,000 / 500,000	2.96	2.93
		1,000,000 / 1,000,000	3.95	3.91
<u>Extra Heavy Trucks and Truck-Tractors</u>	\$	30,000 / 60,000	1.00	1.00
		50,000 / 100,000	1.27	1.27
		100,000 / 300,000	1.98	1.97
		500,000 / 500,000	3.24	3.21
		1,000,000 / 1,000,000	4.47	4.42
<u>Zone Rated Risks</u>	\$	30,000 / 60,000	1.00	1.00
		50,000 / 100,000	1.46	1.45
		100,000 / 300,000	2.47	2.45
		500,000 / 500,000	4.50	4.45
		1,000,000 / 1,000,000	6.39	6.31
<u>All Other Risks[^]</u>	\$	30,000 / 60,000	1.00	1.00
		50,000 / 100,000	1.24	1.24
		100,000 / 300,000	1.73	1.72
		500,000 / 500,000	2.57	2.55
		1,000,000 / 1,000,000	3.32	3.29

[^] Including Private Passenger Types, Publics, Semi-trailers and Trailers.

Section E

North Carolina Reinsurance Facility
 Comparison of Indicated and Current Factors
 Property Damage Increased Limits Tables

A comparison of indicated and current increased limit factors for selected policy limits is shown below:

	<u>Policy Limit</u>	<u>Indicated Factors</u>	<u>Current Factors</u>
<u>Light and Medium Trucks</u>	\$ 25,000	1.00	1.00
	50,000	1.06	1.05
	300,000	1.18	1.15
	750,000	1.23	1.19
	1,000,000	1.25	1.20
<u>Heavy Trucks and Truck-Tractors</u>	\$ 25,000	1.00	1.00
	50,000	1.06	1.05
	300,000	1.18	1.15
	750,000	1.24	1.20
	1,000,000	1.26	1.21
<u>Extra Heavy Trucks and Truck-Tractors</u>	\$ 25,000	1.00	1.00
	50,000	1.06	1.05
	300,000	1.18	1.15
	750,000	1.24	1.19
	1,000,000	1.26	1.21
<u>Zone Rated Risks</u>	\$ 25,000	1.00	1.00
	50,000	1.09	1.07
	300,000	1.31	1.25
	750,000	1.40	1.33
	1,000,000	1.44	1.36
<u>All Other Risks</u> [^]	\$ 25,000	1.00	1.00
	50,000	1.05	1.04
	300,000	1.18	1.15
	750,000	1.23	1.19
	1,000,000	1.25	1.20

[^] Including Private Passenger Types, Publics, Semi-trailers and Trailers.

SECTION F

Increased Limits Experience Review

North Carolina Reinsurance Facility

Increased Limits Experience Review

Introduction

Charges for coverage in excess of the basic limit of liability (\$30,000/\$60,000 for bodily injury, \$25,000 for property damage) are calculated by multiplying the applicable basic limit manual rate for the class by the appropriate increased limit factor for the desired liability limit. For example, a Light Truck risk desiring to purchase coverage of \$100,000/\$300,000 bodily injury per person/per accident might pay a premium calculated as 1.70 times the manual rate for the risk classification.

The Commercial Automobile Liability Increased Limits Tables are reviewed to ensure that a consistent pricing relationship is maintained between factors for different limits.

Exhibit 1: Development of Increased Limits Table Change Indications

Set forth on this exhibit is the North Carolina Reinsurance Facility experience for all companies for the latest five accident years.

Losses include allocated loss adjustment expenses and are developed to an ultimate settlement basis using the North Carolina statewide loss development factors shown in Exhibit 3. Additionally, the losses have been trended from the average date of loss to twelve months beyond an anticipated effective date of April 1, 2024 by an exponential projection of the annual loss trend factors for basic and total limits losses developed on Exhibit 2.

The indicated average increased limit factor has been compared to the present average increased limit factor to develop an overall increased limits factor change indication. These indications are 1.0% and 3.6% for bodily injury and property damage, respectively.

Exhibit 2: Bodily Injury and Property Damage Trend Factors

North Carolina and Countrywide paid claim data for Commercial Automobile Bodily Injury and Property Damage Liability Insurance, as reported to ISO, were used to develop average annual trend factors for basic and total limits losses. The derivation of these factors is shown in Exhibit 2 of Section D.

North Carolina Reinsurance Facility

Increased Limits Experience Review

Introduction (Cont'd)

Exhibit 3: Loss Development Factors

Set forth on this exhibit are the factors used to develop the losses to an ultimate basis. The derivation of these factors is shown in Exhibit 1 of Section D. These factors are based on North Carolina facility data.

Exhibit 4: North Carolina Facility Data

Data set forth on this exhibit represent North Carolina Reinsurance Facility loss data. This exhibit also displays the data developed to ultimate settlement basis and trended to one year beyond the proposed effective date.

Exhibit 5: Policy Limit Distribution

Set forth on this exhibit is the basic limit loss distribution (including ALAE) for each increased limits table by policy limit. These table distributions are based on all detailed statistics reported to ISO for Facility business for fiscal accident years ending 6/30/18 through 6/30/22.

NORTH CAROLINA REINSURANCE FACILITY

Commercial Automobile Liability Insurance
Development of Increased Limits
Table Change Indications
All Classes Combined

BODILY INJURY

(1)	(2)	(3)	(4)
Year	\$30,000/\$60,000 Basic Limits	Total Limits	Indicated Average Increased Limit Factor
<u>Ending</u>	<u>Incurred Losses*</u>	<u>Incurred Losses*</u>	<u>(3)/(2)</u>
12/31/18	36,606,858	145,430,954	3.973
12/31/19	35,544,762	108,730,914	3.059
12/31/20	28,168,532	112,945,863	4.010
12/31/21	33,413,199	102,714,958	3.074
12/31/22	27,087,140	87,040,457	3.213
Total	160,820,491	556,863,146	3.463

(5) Present average increased limits factor based upon the present table and the policy limits distribution for bodily injury Reinsurance Facility business: 3.428

(6) Indicated change in bodily injury increased limits factors $[(4)/(5) - 1] \times 100$: 1.0%

* Including allocated loss adjustment expense and developed to an ultimate basis. In addition, losses have been trended from the average date of accident to twelve months beyond an anticipated effective date of 4/1/2024 by an exponential projection of the annual paid claim cost trend factors for basic and total limits losses shown in Exhibit 2.

NORTH CAROLINA REINSURANCE FACILITY

Commercial Automobile Liability Insurance
Development of Increased Limits
Table Change Indications
All Classes Combined

PROPERTY DAMAGE

(1)	(2)	(3)	(4)
Year	\$25,000 Basic Limit	Total Limits	Indicated Average Increased Limit Factor
<u>Ending</u>	<u>Incurred Losses*</u>	<u>Incurred Losses*</u>	<u>(3)/(2)</u>
12/31/18	42,639,749	52,187,933	1.224
12/31/19	38,314,109	45,217,692	1.180
12/31/20	30,389,349	37,980,595	1.250
12/31/21	36,989,683	45,495,447	1.230
12/31/22	33,034,213	41,033,081	1.242
Total	181,367,103	221,914,748	1.224

(5) Present average increased limits factor based upon the present table and the policy limits distribution for property damage Reinsurance Facility business: 1.182

(6) Indicated change in property damage increased limits factors $[(4)/(5)) - 1] \times 100$: 3.6%

* Including allocated loss adjustment expense and developed to an ultimate basis. In addition, losses have been trended from the average date of accident to twelve months beyond an anticipated effective date of 4/1/2024 by an exponential projection of the annual paid claim cost trend factors for basic and total limits losses shown in Exhibit 2.

COMMERCIAL AUTO LIABILITY

NORTH CAROLINA
BODILY INJURY AND PROPERTY DAMAGE TREND FACTORS*

Bodily Injury

\$30,000 Limit		Total Limits	
12 Point - Paid Weighted Severity	+5.2%	12 Point - Paid Weighted Severity	+12.7%
24 Point - Paid Weighted Severity	+4.4%	24 Point - Paid Weighted Severity	+8.1%
12 Point - Paid NC only Severity	+11.1%	12 Point - Paid NC only Severity	+22.9%
24 Point - Paid NC only Severity	+7.3%	24 Point - Paid NC only Severity	+10.6%
Selected Severity Trend Factor	+7.0%	Selected Severity Trend Factor	+11.0%
Selected Incurred Frequency Trend Factor	+0.0%	Selected Incurred Frequency Trend Factor	+0.0%
Average Annual Change	+7.0%	Average Annual Change	+11.0%

Property Damage

Total Limits		Total Limits	
12 Point - Paid Weighted Severity	+10.4%	12 Point - Paid Weighted Severity	+12.3%
24 Point - Paid Weighted Severity	+7.7%	24 Point - Paid Weighted Severity	+8.5%
12 Point - Paid NC only Severity	+12.8%	12 Point - Paid NC only Severity	+15.1%
24 Point - Paid NC only Severity	+9.1%	24 Point - Paid NC only Severity	+10.0%
Selected Severity Trend Factor	+10.5%	Selected Severity Trend Factor	+12.0%
Selected Incurred Frequency Trend Factor	+0.0%	Selected Incurred Frequency Trend Factor	+0.0%
Average Annual Change	+10.5%	Average Annual Change	+12.0%

* See Exhibit 2, Section D for the calculation of these trend factors.

NORTH CAROLINA REINSURANCE FACILITY
Commercial Automobile Liability Insurance
Loss Development Factors **

	<u>Bodily Injury</u>		<u>Property Damage</u>	
	30/60	Total Limits	\$25,000	Total Limits
<u>Trucks, Tractors & Trailers</u>	<u>Losses</u>	<u>Losses</u>	<u>Losses</u>	<u>Losses</u>
63 months to ult.	1.000	1.000	1.000	1.000
51 months to ult.	1.022	1.067	1.001	1.000
39 months to ult.	1.064	1.209	1.005	1.004
27 months to ult.	1.160	1.408	1.018	1.018
15 months to ult.	1.490	2.093	1.083	1.124
<u>Private Passenger Types</u>				
63 months to ult.	1.000	1.000	1.000	1.000
51 months to ult.	1.000	1.000	1.000	1.000
39 months to ult.	1.000	1.000	1.002	1.002
27 months to ult.	1.129	1.136	1.004	1.004
15 months to ult.	1.359	1.355	1.134	1.139
<u>Publics (Including Buses)</u>				
63 months to ult.	1.000	1.000	1.000	1.000
51 months to ult.	1.015	1.024	1.004	1.004
39 months to ult.	1.050	1.060	1.008	1.008
27 months to ult.	1.103	1.339	1.017	1.018
15 months to ult.	1.347	1.757	1.088	1.084
<u>Zone Rated Risks</u>				
63 months to ult.	1.000	1.000	1.000	1.000
51 months to ult.	1.053	1.075	1.001	1.007
39 months to ult.	1.063	1.218	1.005	1.024
27 months to ult.	1.204	1.487	1.016	1.042
15 months to ult.	1.896	3.284	1.129	1.191
<u>Miscellaneous</u>				
63 months to ult.	1.000	1.000	1.000	1.000
51 months to ult.	1.000	1.000	1.000	1.000
39 months to ult.	1.000	1.000	1.006	1.005
27 months to ult.	1.000	1.051	1.017	1.015
15 months to ult.	1.660	2.200	1.073	1.083
<u>Auto Dealers</u>				
63 months to ult.	1.000	1.000	1.000	1.000
51 months to ult.	1.031	1.030	1.000	1.000
39 months to ult.	1.031	1.030	1.001	1.001
27 months to ult.	1.031	1.030	1.007	1.007
15 months to ult.	1.162	1.202	1.007	1.007

** See Exhibit 1, Section D for the calculation of these factors.

NORTH CAROLINA REINSURANCE FACILITY
Commercial Automobile Liability Insurance

INCURRED LOSS AND LOSS ADJUSTMENT EXPENSES

	<u>Evaluation*</u>	<u>Bodily Injury</u>		<u>Property Damage</u>	
		30/60 <u>Losses**</u>	Total Limits <u>Losses**</u>	\$25,000 <u>Losses**</u>	Total Limits <u>Losses**</u>
Trucks, Tractors, & Trailers	18@63	13,660,538	40,259,308	14,099,390	15,636,952
	19@51	14,366,534	36,601,012	13,925,275	15,294,775
	20@39	11,851,528	35,495,122	12,998,289	15,431,595
	21@27	14,858,782	31,349,102	16,934,005	20,190,298
	22@15	9,742,393	18,849,691	16,413,357	19,030,244
Private Passenger Types	18@63	523,331	589,331	345,821	345,821
	19@51	745,387	1,085,575	500,036	500,036
	20@39	645,605	665,605	656,572	690,280
	21@27	1,610,765	2,162,028	1,577,701	1,624,779
	22@15	673,579	675,049	1,216,533	1,221,711
Zone-Rated Risks	18@63	5,870,335	25,100,724	4,829,739	5,711,455
	19@51	5,121,980	12,589,671	5,015,636	5,557,897
	20@39	4,156,689	17,272,149	3,459,484	4,138,363
	21@27	3,171,552	9,922,222	4,227,260	4,851,577
	22@15	2,087,549	5,857,269	3,028,328	3,883,281
Publics (Including Buses)	18@63	2,193,834	4,810,294	1,365,259	1,378,441
	19@51	2,163,337	4,653,411	1,112,968	1,134,029
	20@39	1,028,745	1,760,457	657,414	659,838
	21@27	1,674,758	4,749,629	1,107,344	1,261,575
	22@15	1,723,794	2,762,015	1,398,524	1,470,143
Misc.	18@63	167,976	281,138	248,952	295,369
	19@51	126,808	188,040	232,997	252,541
	20@39	514,876	984,583	378,672	406,454
	21@27	463,615	788,588	308,462	310,785
	22@15	137,750	137,750	257,288	268,111
Auto Dealers	18@63	769,779	858,850	843,818	917,540
	19@51	916,567	1,012,354	768,413	784,306
	20@39	1,122,333	1,293,486	670,338	673,591
	21@27	719,148	884,991	873,646	897,709
	22@15	471,764	471,929	725,603	750,093

* All classes are on an accident year basis

** Includes allocated loss adjustment expenses.

NORTH CAROLINA REINSURANCE FACILITY
Commercial Automobile Liability Insurance

DEVELOPED LOSS AND LOSS ADJUSTMENT EXPENSES

	Year <u>Ending*</u>	<u>Bodily Injury</u>		<u>Property Damage</u>	
		30/60 <u>Losses**</u>	Total Limits <u>Losses**</u>	\$25,000 <u>Losses**</u>	Total Limits <u>Losses**</u>
Trucks, Tractors, & Trailers	12/31/18	13,660,538	40,259,308	14,099,390	15,636,952
	12/31/19	14,682,598	39,053,280	13,939,200	15,294,775
	12/31/20	12,610,026	42,913,602	13,063,280	15,493,321
	12/31/21	17,236,187	44,139,536	17,238,817	20,553,723
	12/31/22	14,516,166	39,452,403	17,775,666	21,389,994
Private Passenger Types	12/31/18	523,331	589,331	345,821	345,821
	12/31/19	745,387	1,085,575	500,036	500,036
	12/31/20	645,605	665,605	657,885	691,661
	12/31/21	1,818,554	2,456,064	1,584,012	1,631,278
	12/31/22	915,394	914,691	1,379,548	1,391,529
Zone-Rated Risks	12/31/18	5,870,335	25,100,724	4,829,739	5,711,455
	12/31/19	5,393,445	13,533,896	5,020,652	5,596,802
	12/31/20	4,418,560	21,037,477	3,476,781	4,237,684
	12/31/21	3,818,549	14,754,344	4,294,896	5,055,343
	12/31/22	3,957,993	19,235,271	3,418,982	4,624,988
Publics (Including Buses)	12/31/18	2,193,834	4,810,294	1,365,259	1,378,441
	12/31/19	2,195,787	4,765,093	1,117,420	1,138,565
	12/31/20	1,080,182	1,866,084	662,673	665,117
	12/31/21	1,847,258	6,359,753	1,126,169	1,284,283
	12/31/22	2,321,951	4,852,860	1,521,594	1,593,635
Misc.	12/31/18	167,976	281,138	248,952	295,369
	12/31/19	126,808	188,040	232,997	252,541
	12/31/20	514,876	984,583	380,944	408,486
	12/31/21	463,615	828,806	313,706	315,447
	12/31/22	228,665	303,050	276,070	290,364
Auto Dealers	12/31/18	769,779	858,850	843,818	917,540
	12/31/19	944,981	1,042,725	768,413	784,306
	12/31/20	1,157,125	1,332,291	671,008	674,265
	12/31/21	741,442	911,541	879,762	903,993
	12/31/22	548,190	567,259	730,682	755,344

* All classes are on an accident year basis

** Losses are developed to ultimate using development factors from Exhibit 3.

NORTH CAROLINA REINSURANCE FACILITY
Commercial Automobile Liability Insurance

DEVELOPED AND TRENDED LOSS AND LOSS ADJUSTMENT EXPENSES

	Year <u>Ending*</u>	<u>Bodily Injury</u>		<u>Property Damage</u>	
		30/60 <u>Losses**</u>	Total Limits <u>Losses**</u>	\$25,000 <u>Losses**</u>	Total Limits <u>Losses**</u>
Trucks, Tractors, & Trailers	12/31/18	21,567,922	81,432,246	27,662,772	33,602,668
	12/31/19	21,665,047	71,164,703	24,749,757	29,345,852
	12/31/20	17,389,573	70,449,695	20,990,513	26,541,785
	12/31/21	22,214,184	65,281,321	25,067,787	31,438,230
	12/31/22	17,484,665	52,566,814	23,392,258	29,211,928
Private Passenger Types	12/31/18	826,260	1,192,036	678,495	743,144
	12/31/19	1,099,863	1,978,185	887,839	959,411
	12/31/20	890,307	1,092,699	1,057,112	1,184,892
	12/31/21	2,343,772	3,632,460	2,303,388	2,495,144
	12/31/22	1,102,588	1,218,744	1,815,445	1,900,386
Zone-Rated Risks	12/31/18	9,268,370	50,771,075	9,475,869	12,273,500
	12/31/19	7,958,349	24,662,095	8,914,423	10,738,499
	12/31/20	6,093,316	34,536,459	5,586,607	7,259,625
	12/31/21	4,921,387	21,821,323	6,245,413	7,732,469
	12/31/22	4,767,387	25,629,286	4,499,281	6,316,263
Publics (Including Buses)	12/31/18	3,463,732	9,729,751	2,678,616	2,962,169
	12/31/19	3,240,014	8,683,174	1,984,036	2,184,547
	12/31/20	1,489,601	3,063,482	1,064,805	1,139,420
	12/31/21	2,380,766	9,405,923	1,637,616	1,964,393
	12/31/22	2,796,781	6,466,004	2,002,373	2,176,399
Misc.	12/31/18	265,209	568,656	488,440	634,726
	12/31/19	187,113	342,655	413,698	484,547
	12/31/20	710,028	1,616,354	612,114	699,782
	12/31/21	597,512	1,225,784	456,175	482,496
	12/31/22	275,426	403,787	363,300	396,545
Auto Dealers	12/31/18	1,215,365	1,737,190	1,655,557	1,971,726
	12/31/19	1,394,376	1,900,102	1,364,356	1,504,836
	12/31/20	1,595,707	2,187,174	1,078,198	1,155,091
	12/31/21	955,578	1,348,147	1,279,304	1,382,715
	12/31/22	660,293	755,822	961,556	1,031,560

* All classes are on an accident year basis

** Losses have been developed to ultimate and trended to one year beyond an anticipated effective date of April 1, 2024.

NORTH CAROLINA REINSURANCE FACILITY

Basic Limit Loss Distribution*
By Increased Limits Table and Policy Limit

BODILY INJURY

POLICY <u>LIMIT</u>	LIGHT & <u>MEDIUM</u>	<u>HEAVY</u>	EXTRA <u>HEAVY</u>	<u>ZONE</u>	ALL <u>OTHER</u>	ALL TABLES <u>COMBINED</u> **
30/60	3.71%	0.14%	0.00%	0.01%	0.94%	4.80%
50/100	6.88%	0.27%	0.00%	0.01%	1.75%	8.91%
85/85	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
100/100	0.84%	0.20%	0.00%	0.00%	2.01%	3.06%
100/300	7.70%	0.88%	0.00%	0.13%	8.18%	16.89%
100/500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
150/150	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
250/250	0.04%	0.00%	0.22%	0.35%	0.00%	0.62%
250/500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
300/300	0.39%	0.00%	0.00%	0.00%	0.00%	0.39%
400/400	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
500/500	0.27%	0.00%	0.00%	0.00%	0.23%	0.50%
500/1,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
750/750	1.86%	3.62%	17.34%	10.57%	0.27%	33.66%
1,000/1,000	3.82%	1.50%	9.67%	8.28%	1.21%	24.49%
1,500/1,500	2.26%	0.00%	0.01%	0.00%	3.05%	5.31%
2,000/2,000	0.77%	0.00%	0.00%	0.00%	0.01%	0.78%
2,500/2,500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<u>5,000/5,000</u>	<u>0.00%</u>	<u>0.00%</u>	<u>0.03%</u>	<u>0.41%</u>	<u>0.15%</u>	<u>0.59%</u>
TOTAL**	28.55%	6.61%	27.27%	19.76%	17.81%	100.00%

* Data includes allocated loss adjustment expenses and uses losses incurred in the period from fiscal accident year ending 6/30/2018 through fiscal accident year ending 6/30/2022, as reported to ISO, for those risks assigned to the Facility.

** The individual weights at each limit and increased limits table combination are rounded to 5 decimal places and displayed to 4 decimal places. Due to rounding, the total values may differ slightly from the sum of the displayed individual values. Totals by major class group are scaled to match the distribution for all reporting companies per the data.

NORTH CAROLINA REINSURANCE FACILITY

Basic Limit Loss Distribution*
By Increased Limits Table and Policy Limit

PROPERTY DAMAGE

<u>POLICY LIMIT</u>	<u>LIGHT & MEDIUM</u>	<u>HEAVY</u>	<u>EXTRA HEAVY</u>	<u>ZONE</u>	<u>ALL OTHER</u>	<u>ALL TABLES COMBINED**</u>
25	7.47%	0.31%	0.00%	0.03%	1.19%	9.00%
30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
50	13.37%	1.01%	0.00%	0.21%	3.42%	18.01%
85	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
100	0.09%	0.00%	0.01%	0.01%	0.00%	0.10%
150	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
250	0.02%	0.08%	0.52%	0.30%	0.02%	0.93%
300	0.33%	0.00%	0.00%	0.00%	0.00%	0.33%
400	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
500	0.17%	0.00%	0.00%	0.00%	0.02%	0.19%
750	2.07%	5.58%	21.02%	10.65%	0.84%	40.16%
1000	3.52%	1.84%	12.33%	8.57%	1.04%	27.30%
1500	1.55%	0.01%	0.00%	0.02%	1.44%	3.02%
2000	0.59%	0.00%	0.00%	0.00%	0.02%	0.62%
2500	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<u>5000</u>	<u>0.05%</u>	<u>0.01%</u>	<u>0.06%</u>	<u>0.13%</u>	<u>0.10%</u>	<u>0.35%</u>
TOTAL**	29.22%	8.84%	33.94%	19.91%	8.09%	100.00%

* Data includes allocated loss adjustment expenses and uses losses incurred in the period from fiscal accident year ending 6/30/2018 through fiscal accident year ending 6/30/2022, as reported to ISO, for those risks assigned to the Facility.

** The individual weights at each limit and increased limits table combination are rounded to 5 decimal places and displayed to 4 decimal places. Due to rounding, the total values may differ slightly from the sum of the displayed individual values. Totals by major class group are scaled to match the distribution for all reporting companies per the data.

SECTION G

Revision of Increased Limits Tables

North Carolina Reinsurance Facility

Commercial Automobile Liability
Revision of Increased Limits Tables

Sheets 1, 2, 3, and 4 of Exhibit 1 display the revised increased limit factors for Commercial Automobile Liability as they will appear in the North Carolina Reinsurance Facility Commercial Automobile Manual of Rules and Rates.

NORTH CAROLINA REINSURANCE FACILITY
 COMMERCIAL AUTOMOBILE MANUAL

INCREASED LIABILITY LIMITS

BODILY INJURY FACTORS

Classification	Limits Identifier Code (3)				
	Limit of Liability (in 1000's)				
	30/60	85/85	50/100	100/100	100/300
	Limit Codes				
	49	52	49	52	52
1. Light and Medium Trucks	1.00	1.27	1.20	1.37	1.70
2. Heavy Trucks and Truck Tractors	1.00	1.35	1.24	1.47	1.83
3. Extra-Heavy Trucks and Truck Tractors	1.00	1.39	1.27	1.58	1.98
4. Trucks, Tractors and Trailers Zone Rated	1.00	1.61	1.46	1.80	2.47
5. All Other Risks	1.00	1.27	1.24	1.38	1.73

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

INCREASED LIABILITY LIMITS

PROPERTY DAMAGE FACTORS

Classification	Limits Identifier Code (3)		
	Limit of Liability (in 1000's)		
	25	30	50
	Limit Codes		
	05	06	08
1. Light and Medium Trucks	1.00	1.02	1.06
2. Heavy Trucks and Truck Tractors	1.00	1.02	1.06
3. Extra-Heavy Trucks and Truck Tractors	1.00	1.02	1.06
4. Trucks, Tractors and Trailers Zone Rated	1.00	1.02	1.09
5. All Other Risks	1.00	1.01	1.05

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

SUPPLEMENTARY RATING PROCEDURES SECTION

Rule 2. INCREASED LIMITS

A. Bodily Injury

BODILY INJURY FACTORS

Limits Identifier Code (3)

Limit of Liability (1000's)	Limit Code	1. Light and Medium Trucks	2. Heavy Trucks and Truck-Tractors	3. Extra-Heavy Trucks and Truck-Tractors	4. Trucks, Tractors and Trailers Zone Rated	5. All Other Risks
100/500	55	1.80	2.06	2.18	2.83	1.86
300/300	64	2.11	2.38	2.59	3.42	2.11
250/500	61	2.18	2.57	2.75	3.69	2.24
400/400	68	2.31	2.71	2.96	4.00	2.35
500/500	68	2.50	2.96	3.24	4.50	2.57
750/750	73	2.91	3.49	3.92	5.50	2.99
1,000/1,000	73	3.24	3.95	4.47	6.39	3.32
1,500/1,500	74	3.72	4.67	5.34	7.72	3.80
2,000/2,000	75	4.16	5.28	6.08	8.90	4.25
2,500/2,500	76	4.47	5.82	6.77	9.89	4.63
5,000/5,000	79	5.75	7.72	9.19	13.70	5.91
7,500/7,500	82	6.65	9.05	10.88	16.37	6.81
10,000/10,000	85	7.24	9.91	11.98	18.11	7.40
12,500/12,500	86	7.59	10.43	12.64	19.15	7.75
15,000/15,000	86	7.78	10.72	13.00	19.72	7.94

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

SUPPLEMENTARY RATING PROCEDURES SECTION

Rule 2. INCREASED LIMITS

B. Property Damage

PROPERTY DAMAGE FACTORS

Limits Identifier Code (3)

Limit of Liability (1000's)	Limit Code	1. Light and Medium Trucks	2. Heavy Trucks and Truck-Tractors	3. Extra-Heavy Trucks and Truck-Tractors	4. Trucks, Tractors and Trailers Zone Rated	5. All Other Risks
85	9	1.11	1.11	1.11	1.16	1.11
100	10	1.12	1.12	1.12	1.18	1.12
300	14	1.18	1.18	1.18	1.31	1.18
400	15	1.20	1.21	1.21	1.34	1.20
500	16	1.21	1.22	1.22	1.36	1.21
750	17	1.23	1.24	1.24	1.40	1.23
1,000	18	1.25	1.26	1.26	1.44	1.25
1,500	19	1.27	1.28	1.30	1.52	1.27
2,000	20	1.28	1.30	1.34	1.57	1.29
2,500	21	1.29	1.32	1.37	1.59	1.31
5,000	23	1.33	1.37	1.41	1.66	1.33
7,500	24	1.36	1.41	1.44	1.71	1.34
10,000	25	1.38	1.44	1.46	1.74	1.35
12,500	26	1.39	1.46	1.47	1.76	1.36
15,000	26	1.40	1.47	1.48	1.77	1.37

SECTION H

Publics Relativities Review

Publics Relativities Review

Section H
Exhibit 1

Bodily Injury

	(A)	(B)	(B) / (A)
Accident Year Ending	Aggregate Loss Costs At Current Level	Adjusted Basic Limit Losses and Expenses	Basic Limit Losses / Loss Costs
Trucks, Tractors and Trailers			
12/31/2018	21,558,682	22,667,750	1.051
12/31/2019	22,300,347	22,790,563	1.022
12/31/2020	22,975,080	18,300,174	0.797
12/31/2021	25,044,971	23,396,951	0.934
12/31/2022	23,789,359	18,419,621	0.774
	115,668,438	105,575,059	0.913
Taxis and Limousines			
12/31/2018	3,139,642	2,076,883	0.662
12/31/2019	2,443,092	1,746,653	0.715
12/31/2020	1,546,201	769,272	0.498
12/31/2021	1,072,359	585,689	0.546
12/31/2022	912,144	876,664	0.961
	9,113,438	6,055,161	0.664
		Change	-27.27%
School and Church Buses			
12/31/2018	576,419	505,364	0.877
12/31/2019	518,416	715,621	1.380
12/31/2020	459,078	105,866	0.231
12/31/2021	410,986	314,401	0.765
12/31/2022	515,642	399,106	0.774
	2,480,541	2,040,357	0.823
		Change	-9.86%
Other Buses			
12/31/2018	1,021,874	1,001,924	0.980
12/31/2019	1,114,672	825,552	0.741
12/31/2020	1,117,669	646,756	0.579
12/31/2021	1,377,288	1,437,842	1.044
12/31/2022	1,488,378	1,660,210	1.115
	6,119,880	5,572,283	0.911
		Change	-0.22%

Publics Relativities Review

Section H
Exhibit 2

Property Damage

	(A)	(B)	(B) / (A)
Accident Year Ending	Aggregate Loss Costs At Current Level	Adjusted Basic Limit Losses and Expenses	Basic Limit Losses / Loss Costs
Trucks, Tractors and Trailers			
12/31/2018	24,797,812	29,099,520	1.173
12/31/2019	25,686,126	26,102,978	1.016
12/31/2020	26,469,673	22,189,157	0.838
12/31/2021	28,923,597	26,560,914	0.918
12/31/2022	27,513,077	24,855,518	0.903
	133,390,285	128,808,087	0.966
		Change	-30.85%
Taxis and Limousines			
12/31/2018	2,474,787	1,871,045	0.756
12/31/2019	1,942,367	1,129,518	0.582
12/31/2020	1,231,759	568,108	0.461
12/31/2021	862,023	622,405	0.722
12/31/2022	731,392	646,120	0.883
	7,242,328	4,837,196	0.668
		Change	-30.85%
School and Church Buses			
12/31/2018	503,966	405,716	0.805
12/31/2019	453,547	419,772	0.926
12/31/2020	401,695	67,579	0.168
12/31/2021	359,418	198,258	0.552
12/31/2022	451,260	397,982	0.882
	2,169,886	1,489,306	0.686
		Change	-28.99%
Other Buses			
12/31/2018	557,879	517,241	0.927
12/31/2019	619,933	461,294	0.744
12/31/2020	619,515	456,099	0.736
12/31/2021	767,412	878,622	1.145
12/31/2022	830,940	1,037,656	1.249
	3,395,678	3,350,912	0.987
		Change	2.17%

Calculation of revised Publics Relativities

	Current Relativity	Indicated Change	Revised Relativity
BI			
Taxi and Limousines	6.35	-27.27%	4.62
School and Church Buses	0.78	-9.86%	0.70
Other Buses	5.07	-0.22%	5.06
PD			
Taxi and Limousines	4.41	-30.85%	3.05
School and Church Buses	0.59	-28.99%	0.42
Other Buses	2.45	2.17%	2.50

EXHIBIT 1

EFFECT OF THE PROPOSED FILING ON ACTIVE FILINGS

NCDOI File #	Effective Date	Effect of Proposed Filing (Superseded, Modified or None)
		There are no other related filings.

EXHIBIT 2

EXPECTED LOSS RATIO

1. Line, Subline, Coverage, Territory, Class, etc. or combination to which this exhibit applies: Bodily Injury and Property Damage

2. Development of Expected Loss Ratio:

	Selected Provision		
	Trucks &Types	Auto Dealers	Zone Rated
A. Total Production Expense	14.5%	14.5%	9.5%
B. General Expense	5.6%	8.6%	5.6%
C. Taxes, Licenses & Fees	2.3%	2.3%	2.3%
D. Underwriting Profit & Contingencies	5.0%	5.0%	5.0%
E. Other (explain)			
F. TOTAL	27.4%	30.4%	22.4%

3. Expected Loss Ratio (ELR=100-2F) .726 .696 .776

4. Rate level change for which this exhibit applies _____

	Basic Limits		Total Limits	
	BI	PD	BI	PD
Trucks, Tractors, & Trailers	+10.6%	+18.1%	+11.6%	+21.8%
Private Passenger Types	+26.9%	+45.8%	+27.7%	+47.8%
Auto Dealers	- 5.3%	+ 2.5%	- 4.7%	+ 3.6%
Zone Rated Risks	+ 4.1%	+20.1%	+ 5.3%	+26.7%
Publics	- 0.9%	- 1.7%	- 0.1%	+ 0.4%

EXHIBIT 2A
Five Year Rate Filing History

<u>Effective Date</u>	<u>NCDOI File #</u>	<u>% Change</u>	<u>Reason for Filing</u>
04/01/2019	NCRI-131705063	+26.1%	Review of basic limits experience and increased limits factors.
04/15/2021	NCRI-132596377	+22.5%	Review of basic limits experience and increased limits factors.
04/01/2022	NCRI-133014089	+8.7%	Review of basic limits experience and increased limits factors.
10/01/2022	NCRI-132811002	0.0%	Re-definition of territories.
10/01/2022	NCRI-133217838	7.4%	Review of basic limits experience.

EXHIBIT 3

NORTH CAROLINA EXPERIENCE		<u>X</u> Direct	___ Net
	<u>2018</u>	<u>2019</u>	<u>2020</u>
(1) Written Premiums	<u>726,311,566</u>	<u>827,070,876</u>	<u>840,595,929</u>
(2) Earned Premiums	<u>696,863,427</u> 100.0%	<u>769,765,348</u> 100.0%	<u>800,288,165</u> 100.0%
(3) Inc. Loss and LAE	<u>508,157,178</u> 72.9%	<u>615,217,653</u> 79.9%	<u>558,712,379</u> 69.8%
(4) Total Prod. Expense	<u>136,388,800</u> 19.6%	<u>146,135,002</u> 19.0%	<u>153,493,758</u> 19.2%
(5) General Expense	<u>47,908,458</u> 6.9%	<u>54,008,096</u> 7.0%	<u>54,636,323</u> 6.8%
(6) Taxes, Lic. & Fees	<u>16,841,602</u> 2.4%	<u>19,308,046</u> 2.5%	<u>20,087,549</u> 2.5%
(7) Other			
	<u>2021</u>	<u>2022</u>	<u>5 Years Combined</u>
(1) Written Premiums	<u>1,007,728,233</u>	<u>1,082,747,852</u>	<u>4,484,454,456</u>
(2) Earned Premiums	<u>938,384,384</u> 100.0%	<u>1,051,293,814</u> 100.0%	<u>4,256,595,138</u> 100.0%
(3) Inc. Loss and LAE	<u>653,182,212</u> 69.6%	<u>753,470,316</u> 71.7%	<u>3,088,739,738</u> 72.6%
(4) Total Prod. Expense	<u>178,855,897</u> 19.1%	<u>184,725,011</u> 17.6%	<u>799,598,468</u> 18.8%
(5) General Expense	<u>62,305,724</u> 6.6%	<u>65,015,665</u> 6.2%	<u>283,874,266</u> 6.7%
(6) Taxes, Lic. & Fees	<u>26,571,292</u> 2.8%	<u>25,077,870</u> 2.4%	<u>107,886,359</u> 2.5%
(7) Other			

COUNTRYWIDE EXPERIENCE		<u>X</u> Direct	___ Net
(in thousands)			
	<u>2017</u>	<u>2018</u>	<u>2019</u>
(1) Written Premiums	<u>26,259,471</u>	<u>29,690,239</u>	<u>33,032,399</u>
(2) Earned Premiums	<u>25,326,061</u> 100.0%	<u>28,294,538</u> 100.0%	<u>31,518,810</u> 100.0%
(3) Inc. Loss and LAE	<u>21,465,542</u> 84.8%	<u>24,084,989</u> 85.1%	<u>27,408,337</u> 87.0%
(4) Total Prod. Expense	<u>5,011,056</u> 19.8%	<u>5,393,676</u> 19.1%	<u>5,801,907</u> 18.4%
(5) General Expense	<u>1,623,770</u> 6.4%	<u>1,798,113</u> 6.4%	<u>2,009,743</u> 6.4%
(6) Taxes, Lic. & Fees			
(7) Other			
	<u>2020</u>	<u>2021</u>	<u>5 Years Combined</u>
(1) Written Premiums	<u>34,048,678</u>	<u>40,032,636</u>	<u>163,063,423</u>
(2) Earned Premiums	<u>32,989,358</u> 100.0%	<u>37,706,533</u> 100.0%	<u>155,835,300</u> 100.0%
(3) Inc. Loss and LAE	<u>26,705,881</u> 81.0%	<u>29,319,277</u> 77.8%	<u>128,984,026</u> 82.8%
(4) Total Prod. Expense	<u>6,001,646</u> 18.2%	<u>6,823,105</u> 18.1%	<u>29,031,390</u> 18.6%
(5) General Expense	<u>2,024,432</u> 6.1%	<u>2,222,271</u> 5.9%	<u>9,678,329</u> 6.2%
(6) Taxes, Lic. & Fees			
(7) Other			

EXHIBIT 4

UNDERWRITING PROFIT AND CONTINGENCY PROVISION

1. Target after tax rate of return	<u>0</u>	%
2. Ratio of premium to surplus	<u>N/A</u>	
3. Target rate of return as a percent of premium (1/2)	<u>0</u>	
4. Anticipated investment income as a percent of premium	<u>Various - See Section A, Exhibit 1</u>	
5. Target profit and contingency provision (3-4)	<u>Various</u>	%
6. Company select profit and contingency provision	<u>Various</u>	%
Explain any differences between 5 and 6:	<hr/>	
7. Methodology used to derive the anticipated investment income as a percent of premium:	<hr/>	
	Please refer to Section D, Exhibit 6, Sheets 1-4.	
	<hr/>	

EXHIBIT 5

ACTUARIAL SUPPORT FOR RATE MODIFICATION

This exhibit should provide actuarial support for the proposed rate modification and must include the following information as required in NCGS 58-36-15(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 fees, general expenses, taxes, licenses and fees;
- (8) Percentage rate 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.

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE LIABILITY INSURANCE
SUPPLEMENTARY MATERIAL

<u>Item</u>	<u>Page</u>
1. North Carolina earned premiums at actual and current levels.	1 - 2
Losses and loss adjustment expenses, each on paid and incurred bases.	3
The loss ratio anticipated at the time rates were promulgated for the experience period.	4
2. Credibility factor development and application.	5
3. Loss development factor derivation and application on both paid and incurred bases, in both dollars and numbers of claims.	6 - 26
4. Trending factor development and application.	27
5. Changes in premium base resulting from rating exposure trends.	28
6. Limiting factor development and application.	29
7. Overhead expense development and application of commission and brokerage, other acquisition fees, general expenses, taxes, licenses and fees.	30
8. Percentage rate change.	31
9. Final proposed rates.	32
10. Investment earnings, consisting of investment income and realized plus unrealized capital gains, from loss, loss expense and unearned premium reserves.	33
11. Identification of applicable statistical plans and programs and a certification of compliance with them.	34
12. Investment earnings on capital and surplus.	35
13. Level of capital and surplus needed to support premium writings without endangering the solvency of member companies.	36

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

1. North Carolina earned premium at the actual and current rate levels.

Losses and loss adjustment expenses, each on paid and incurred bases without trending or other modification for the experience period.

Loss ratios anticipated at the time the rates were promulgated for the experience period.

North Carolina

CEDED EARNED PREMIUM EXHIBIT (a)

Earned Premium at Collected Level

	<u>12/31/2018</u>	<u>12/31/2019</u>	<u>12/31/2020</u>
Trucks, Tractors, & Trailers Bodily Injury	19,755,997	20,250,127	18,328,011
Trucks, Tractors, & Trailers Property Damage	16,082,241	17,588,519	19,738,553
Private Passenger Types Bodily Injury	218,167	358,325	536,734
Private Passenger Types Property Damage	216,842	390,986	685,436
Auto Dealers Bodily Injury	1,037,484	1,035,149	1,062,038
Auto Dealers Property Damage	723,256	720,113	742,355
Zone Rated Risks Bodily Injury	4,658,469	4,825,275	4,440,957
Zone Rated Risks Property Damage	4,896,436	5,070,062	5,660,981
	<u>12/31/2021</u>	<u>12/31/2022</u>	
Trucks, Tractors, & Trailers Bodily Injury	20,566,596	21,582,309	
Trucks, Tractors, & Trailers Property Damage	22,760,774	24,758,087	
Private Passenger Types Bodily Injury	847,937	687,706	
Private Passenger Types Property Damage	1,094,615	920,194	
Auto Dealers Bodily Injury	1,114,781	1,183,900	
Auto Dealers Property Damage	891,393	1,175,979	
Zone Rated Risks Bodily Injury	5,795,775	4,941,354	
Zone Rated Risks Property Damage	6,013,222	4,849,694	

Earned Premium at Current Level

	<u>12/31/2018</u>	<u>12/31/2019</u>	<u>12/31/2020</u>
Trucks, Tractors, & Trailers Bodily Injury	21,558,682	22,300,347	22,975,080
Trucks, Tractors, & Trailers Property Damage	24,797,812	25,686,126	26,469,673
Private Passenger Types Bodily Injury	478,473	787,217	1,161,200
Private Passenger Types Property Damage	541,748	891,638	1,315,214
Auto Dealers Bodily Injury	1,672,424	1,668,660	1,712,006
Auto Dealers Property Damage	1,709,054	1,701,626	1,754,186
Zone Rated Risks Bodily Injury	9,498,619	8,703,888	6,246,559
Zone Rated Risks Property Damage	8,358,216	7,662,046	5,499,582
	<u>12/31/2021</u>	<u>12/31/2022</u>	
Trucks, Tractors, & Trailers Bodily Injury	25,044,971	23,789,359	
Trucks, Tractors, & Trailers Property Damage	28,923,597	27,513,077	
Private Passenger Types Bodily Injury	1,799,639	1,349,708	
Private Passenger Types Property Damage	2,038,349	1,529,147	
Auto Dealers Bodily Injury	1,646,647	1,409,933	
Auto Dealers Property Damage	1,702,186	1,451,005	
Zone Rated Risks Bodily Injury	7,769,396	5,842,554	
Zone Rated Risks Property Damage	6,838,934	5,141,650	

(a) For Trucks, Tractors, & Trailers, Private Passenger Types, Auto Dealers, and Zone Rated Risks, premiums are at 30/60 level for Bodily Injury and 25,000 for Property Damage.

North Carolina

PAID/INCURRED LOSS AND LOSS ADJUSTMENT EXPENSE (a)

Paid Losses

	<u>12/31/2018</u>	<u>12/31/2019</u>	<u>12/31/2020</u>
Trucks, Tractors, & Trailers Bodily Injury	38,732,157	30,357,439	26,939,923
Trucks, Tractors, & Trailers Property Damage	15,681,797	15,355,564	15,411,521
Private Passenger Types Bodily Injury	589,331	1,056,575	615,605
Private Passenger Types Property Damage	345,821	500,036	690,280
Auto Dealers Bodily Injury	858,851	1,009,954	1,037,515
Auto Dealers Property Damage	917,540	784,307	673,591
Zone Rated Risks Bodily Injury	23,695,979	9,969,204	11,223,843
Zone Rated Risks Property Damage	5,704,350	5,511,640	3,998,421
	<u>12/31/2021</u>	<u>12/31/2022</u>	
Trucks, Tractors, & Trailers Bodily Injury	20,186,650	6,105,254	
Trucks, Tractors, & Trailers Property Damage	19,661,738	17,567,180	
Private Passenger Types Bodily Injury	1,555,528	548,449	
Private Passenger Types Property Damage	1,620,879	1,197,411	
Auto Dealers Bodily Injury	731,928	156,063	
Auto Dealers Property Damage	880,771	674,040	
Zone Rated Risks Bodily Injury	5,162,951	2,872,445	
Zone Rated Risks Property Damage	4,775,308	3,619,909	

Incurred Losses

	<u>12/31/2018</u>	<u>12/31/2019</u>	<u>12/31/2020</u>
Trucks, Tractors, & Trailers Bodily Injury	40,259,308	30,601,012	35,495,122
Trucks, Tractors, & Trailers Property Damage	15,636,952	15,294,775	15,431,595
Private Passenger Types Bodily Injury	589,331	1,085,575	665,605
Private Passenger Types Property Damage	345,821	500,036	690,280
Auto Dealers Bodily Injury	858,850	1,012,354	1,293,486
Auto Dealers Property Damage	917,540	784,306	673,591
Zone Rated Risks Bodily Injury	25,100,724	12,589,671	17,272,149
Zone Rated Risks Property Damage	5,711,455	5,557,897	4,138,363
	<u>12/31/2021</u>	<u>12/31/2022</u>	
Trucks, Tractors, & Trailers Bodily Injury	31,349,102	18,849,691	
Trucks, Tractors, & Trailers Property Damage	20,190,298	19,030,244	
Private Passenger Types Bodily Injury	2,162,028	675,049	
Private Passenger Types Property Damage	1,624,779	1,221,711	
Auto Dealers Bodily Injury	884,991	471,929	
Auto Dealers Property Damage	897,709	750,093	
Zone Rated Risks Bodily Injury	9,922,222	5,857,269	
Zone Rated Risks Property Damage	4,851,577	3,883,281	

(a) Ceded business only. Paid and incurred losses are on a total limits basis and do not include unallocated loss adjustment expense.

North Carolina

ANTICIPATED LOSS RATIOS AT THE TIME THE RATES WERE PROMULGATED (a)

<u>Coverages</u>	<u>10/1/2022</u>
Trucks, Tractors, & Trailers Bodily Injury	0.711
Trucks, Tractors, & Trailers Property Damage	0.711
Private Passenger Types Bodily Injury	0.711
Private Passenger Types Property Damage	0.711
Auto Dealers Bodily Injury	0.681
Auto Dealers Property Damage	0.681
Zone Rated Risks Bodily Injury	0.761
Zone Rated Risks Property Damage	0.761

(a) Ceded Business

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

2. Credibility factor development and application

Credibility factor determination

Credibility considerations enter into the Commercial Automobile ratemaking in three areas:

- 1) Statewide rate level, in the determination of the statewide rate level loss ratio for each coverage.

The credibility tables are displayed in Section D, Exhibit 5 of Exhibit RF-1.

- 2) Trend factor calculation, in the determination to base the selected average annual change on North Carolina data and a credibility-weighted combination of North Carolina and multistate data.

The credibility procedure for the statewide loss ratio calculation is based on the first model discussed in "An Introduction to Credibility Theory" by L.H. Longley-Cook. The full credibility standard for Trucks, Tractors, & Trailers and Private Passenger Types is based on P and K values of 90% and 5% respectively. For Zone Rated Risks, the P and K values are 95% and 7.5% respectively.

The trend credibility standards are based on a Bayesian model which expresses credibility in terms of the observed number of claims and a constant K which is 25,000 for Bodily Injury and 10,000 for Property Damage. The model measures the variation in the trend points between states compared to the variation on a multistate basis.

Credibility factor application

Credibility is applied in the statewide rate level calculations in Section B, Exhibits 1 - 4 of Exhibit RF-1.

Credibility is used in the claim cost trend calculations in Section D, Exhibit 2, Sheets 3 - 6 of Exhibit RF-1.

See also the pre-filed testimony of James Davidson.

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

3. Loss Development factor derivation and application on both paid and incurred bases and in both numbers and dollars of claims.

Development

The following incurred loss development exhibits are shown in Exhibit RF-1:

Basic Limits

Trucks, Tractors, & Trailers - Section D, Exhibit 1, Sheets 1 and 2
Private Passenger Types - Section D, Exhibit 1, Sheets 5 and 6
Auto Dealers - Section D, Exhibit 1, Sheets 9 and 10
Zone Rated Risks - Section D, Exhibit 1, Sheets 13 and 14
Publics and Buses - Section D, Exhibit 1, Sheets 17 and 18
Miscellaneous Classes - Section D, Exhibit 1, Sheets 21 and 22

Total Limits

Trucks, Tractors, & Trailers - Section D, Exhibit 1, Sheets 3 and 4
Private Passenger Types - Section D, Exhibit 1, Sheets 7 and 8
Auto Dealers - Section D, Exhibit 1, Sheets 11 and 12
Zone Rated Risks - Section D, Exhibit 1, Sheets 15 and 16
Publics and Buses - Section D, Exhibit 1, Sheets 19 and 20
Miscellaneous Classes - Section D, Exhibit 1, Sheets 23 and 24

The following pages contain the Total Limits and Basic Limits paid loss development exhibits. Also included are exhibits for paid and incurred claims development.

Application

Loss development is applied on Sheet 2 of Exhibits 1 - 4 in Section B of Exhibit RF-1.

See also the pre-filed testimony of James Davidson.

North Carolina
Facility Data
Basic Limit Loss Development
Trucks, Tractors, and Trailers Paid Losses and Expenses
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	3,271,644	7,619,435	10,000,702	11,333,698	11,951,101
12/31/2019	3,693,411	7,512,279	9,411,709	11,082,346	
12/31/2020	2,435,830	6,832,757	8,939,666		
12/31/2021	4,120,710	9,671,695			
12/31/2022	3,950,299				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	11,824,745	13,614,867	13,894,655	14,116,315	14,142,924
12/31/2019	12,278,640	13,707,198	13,964,885	14,008,227	
12/31/2020	11,181,090	12,687,870	12,979,109		
12/31/2021	14,092,817	16,652,430			
12/31/2022	15,184,882				

North Carolina
Facility Data
Total Limits Loss Development
Trucks, Tractors, and Trailers Paid Losses and Expenses
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	4,639,069	20,957,689	29,535,429	36,379,469	38,732,157
12/31/2019	4,967,692	12,649,104	20,625,579	30,357,439	
12/31/2020	4,179,655	17,997,523	26,939,923		
12/31/2021	7,178,272	20,186,650			
12/31/2022	6,105,254				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	12,829,576	15,192,385	15,510,514	15,652,193	15,681,797
12/31/2019	13,270,648	15,016,117	15,311,408	15,355,564	
12/31/2020	12,342,284	14,975,950	15,411,521		
12/31/2021	15,982,085	19,661,738			
12/31/2022	17,567,180				

North Carolina
Facility Data
Basic Limit Loss Development
Private Passenger Types Paid Losses and Expenses
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	317,184	485,658	512,842	523,331	523,331
12/31/2019	352,835	618,207	718,276	718,325	
12/31/2020	378,416	488,822	615,605		
12/31/2021	766,604	1,413,528			
12/31/2022	548,449				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	305,350	340,211	344,796	345,821	345,821
12/31/2019	451,106	500,052	499,588	500,036	
12/31/2020	609,854	656,572	656,572		
12/31/2021	1,260,097	1,573,801			
12/31/2022	1,192,419				

North Carolina
Facility Data
Total Limits Loss Development
Private Passenger Types Paid Losses and Expenses
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	330,184	551,658	578,842	589,331	589,331
12/31/2019	443,835	886,457	1,056,526	1,056,575	
12/31/2020	378,416	488,822	615,605		
12/31/2021	786,604	1,555,528			
12/31/2022	548,449				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	305,350	340,211	344,796	345,821	345,821
12/31/2019	451,106	500,052	499,588	500,036	
12/31/2020	643,562	690,280	690,280		
12/31/2021	1,280,856	1,620,879			
12/31/2022	1,197,411				

North Carolina
Facility Data
Basic Limit Loss Development
Auto Dealers Paid Losses and Expenses
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	320,419	617,739	713,439	769,779	769,779
12/31/2019	486,899	743,032	849,310	914,167	
12/31/2020	158,170	716,496	851,362		
12/31/2021	372,217	601,085			
12/31/2022	155,898				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	765,901	828,263	845,318	843,818	843,818
12/31/2019	757,826	763,971	768,769	768,413	
12/31/2020	592,020	668,229	670,338		
12/31/2021	749,095	847,406			
12/31/2022	649,550				

North Carolina
Facility Data
Total Limits Loss Development
Auto Dealers Paid Losses and Expenses
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	336,628	694,811	802,511	858,851	858,851
12/31/2019	526,899	803,819	930,097	1,009,954	
12/31/2020	214,310	877,649	1,037,515		
12/31/2021	463,060	731,928			
12/31/2022	156,063				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	839,232	901,985	919,040	917,540	917,540
12/31/2019	772,826	779,735	784,663	784,307	
12/31/2020	595,273	671,482	673,591		
12/31/2021	775,907	880,771			
12/31/2022	674,040				

North Carolina
Facility Data
Basic Limit Loss Development
Zone Rated Risks Paid Losses and Expenses
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	838,332	2,789,232	3,994,620	4,615,350	5,281,609
12/31/2019	590,886	2,330,202	3,369,276	4,069,082	
12/31/2020	446,414	1,758,005	2,781,506		
12/31/2021	655,957	1,793,265			
12/31/2022	931,743				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	4,128,843	4,745,426	4,771,866	4,798,163	4,804,431
12/31/2019	4,228,622	4,805,520	4,899,882	4,938,191	
12/31/2020	2,789,093	3,313,347	3,407,134		
12/31/2021	3,102,459	4,170,806			
12/31/2022	2,848,423				

North Carolina
Facility Data
Total Limits Loss Development
Zone Rated Risks Paid Losses and Expenses
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	4,067,797	11,801,395	15,091,639	18,772,101	23,695,979
12/31/2019	669,780	4,727,253	7,938,111	9,969,204	
12/31/2020	1,499,650	6,407,137	11,223,843		
12/31/2021	2,012,996	5,162,951			
12/31/2022	2,872,445				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	4,848,278	5,586,557	5,617,236	5,696,418	5,704,350
12/31/2019	4,572,426	5,331,654	5,448,997	5,511,640	
12/31/2020	3,088,477	3,841,686	3,998,421		
12/31/2021	3,434,224	4,775,308			
12/31/2022	3,619,909				

North Carolina
Facility Data
Basic Limit Loss Development
Publics and Buses Paid Losses and Expenses
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	806,604	1,732,740	1,899,111	2,072,256	2,224,827
12/31/2019	720,547	1,524,191	1,840,072	1,999,457	
12/31/2020	412,710	740,971	923,048		
12/31/2021	500,294	1,231,142			
12/31/2022	813,679				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	1,284,757	1,368,716	1,371,440	1,371,440	1,371,440
12/31/2019	1,030,783	1,109,446	1,116,131	1,116,909	
12/31/2020	597,128	644,436	658,128		
12/31/2021	963,738	1,134,997			
12/31/2022	1,308,553				

North Carolina
Facility Data
Total Limits Loss Development
Publics and Buses Paid Losses and Expenses
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	897,514	2,224,216	3,480,587	3,712,482	4,587,293
12/31/2019	1,509,047	3,090,383	3,594,124	4,353,509	
12/31/2020	439,202	826,966	1,629,760		
12/31/2021	1,070,294	3,539,961			
12/31/2022	1,180,684				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	1,298,148	1,382,170	1,384,894	1,384,894	1,384,894
12/31/2019	1,046,674	1,125,337	1,132,022	1,132,800	
12/31/2020	598,166	645,474	660,487		
12/31/2021	1,110,948	1,289,228			
12/31/2022	1,347,742				

North Carolina
Facility Data
Total Limits Loss Development
Trucks, Tractors, and Trailers Incurred Claims
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	893	916	933	941	945
12/31/2019	856	878	890	896	
12/31/2020	773	785	792		
12/31/2021	956	986			
12/31/2022	887				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	2873	2978	3012	3014	3014
12/31/2019	2883	2986	2997	2998	
12/31/2020	2529	2585	2586		
12/31/2021	2881	3012			
12/31/2022	2960				

North Carolina
Facility Data
Total Limits Loss Development
Private Passenger Types Incurred Claims
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	63	63	65	64	64
12/31/2019	98	97	99	99	
12/31/2020	111	109	111		
12/31/2021	202	203			
12/31/2022	119				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	147	153	154	155	155
12/31/2019	188	192	192	192	
12/31/2020	229	237	237		
12/31/2021	374	399			
12/31/2022	313				

North Carolina
Facility Data
Total Limits Loss Development
Auto Dealers Incurred Claims
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	84	86	88	88	88
12/31/2019	68	66	68	68	
12/31/2020	63	64	65		
12/31/2021	57	54			
12/31/2022	62				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	166	171	171	170	170
12/31/2019	167	161	162	162	
12/31/2020	118	113	113		
12/31/2021	142	142			
12/31/2022	130				

North Carolina
Facility Data
Total Limits Loss Development
Zone Rated Risks Incurred Claims
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	251	258	257	258	258
12/31/2019	205	215	222	224	
12/31/2020	157	173	177		
12/31/2021	160	168			
12/31/2022	156				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	784	816	815	816	817
12/31/2019	784	806	816	815	
12/31/2020	517	537	543		
12/31/2021	593	631			
12/31/2022	496				

North Carolina
Facility Data
Total Limits Loss Development
Publics and Buses Incurred Claims
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	198	217	221	222	222
12/31/2019	195	200	202	202	
12/31/2020	118	130	131		
12/31/2021	132	142			
12/31/2022	163				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	442	449	449	449	449
12/31/2019	368	382	382	383	
12/31/2020	222	231	231		
12/31/2021	252	269			
12/31/2022	347				

North Carolina
Facility Data
Total Limits Loss Development
Trucks, Tractors, and Trailers Paid Claims
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	551	755	838	864	869
12/31/2019	526	698	767	803	
12/31/2020	456	616	692		
12/31/2021	563	809			
12/31/2022	533				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	2625	2787	2847	2852	2852
12/31/2019	2648	2827	2845	2845	
12/31/2020	2343	2464	2485		
12/31/2021	2671	2912			
12/31/2022	2781				

North Carolina
Facility Data
Total Limits Loss Development
Private Passenger Types Paid Claims
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	47	60	62	64	64
12/31/2019	66	93	97	97	
12/31/2020	95	104	110		
12/31/2021	143	185			
12/31/2022	98				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	144	152	154	155	155
12/31/2019	185	192	192	192	
12/31/2020	226	237	237		
12/31/2021	356	397			
12/31/2022	299				

North Carolina
Facility Data
Total Limits Loss Development
Auto Dealers Paid Claims
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	53	75	82	88	88
12/31/2019	42	58	63	67	
12/31/2020	31	58	63		
12/31/2021	48	53			
12/31/2022	34				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	158	167	170	170	170
12/31/2019	159	161	162	162	
12/31/2020	111	113	113		
12/31/2021	137	142			
12/31/2022	123				

North Carolina
Facility Data
Total Limits Loss Development
Zone Rated Risks Paid Claims
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	128	203	228	238	240
12/31/2019	91	166	198	214	
12/31/2020	69	116	148		
12/31/2021	70	119			
12/31/2022	75				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	715	781	783	787	788
12/31/2019	728	787	798	798	
12/31/2020	469	516	530		
12/31/2021	543	616			
12/31/2022	470				

North Carolina
Facility Data
Total Limits Loss Development
Publics and Buses Paid Claims
Bodily Injury

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	142	189	197	209	211
12/31/2019	126	171	187	193	
12/31/2020	88	116	119		
12/31/2021	92	121			
12/31/2022	100				

Property Damage

ACC YR ENDED	15 MONTHS	27 MONTHS	39 MONTHS	51 MONTHS	63 MONTHS
12/31/2018	429	442	442	442	442
12/31/2019	356	375	375	375	
12/31/2020	207	222	222		
12/31/2021	238	266			
12/31/2022	330				

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

4. Trending factor development and application.

Development

The claim cost trend is developed on Exhibit 2, Sheets 3 - 6 of Section D of Exhibit RF-1.

The claim frequency trend is developed on Exhibit 2, Sheets 7 - 12 of Section D of Exhibit RF-1.

The calculation of the trend for expenses is shown on Exhibit 3, Sheets 1 - 4 of Section D of Exhibit RF-1.

Application

The claim cost trend is applied on Sheet 2 of Exhibits 1 - 4 of Section B of Exhibit RF-1.

The expense trend is applied on Sheet 2 of Exhibits 1 - 4 of Section B of Exhibit RF-1.

See also the pre-filed testimony of James Davidson.

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

5. Changes in premium base resulting from rating exposure trends.

NOT APPLICABLE.

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

6. Limiting factor development and application.

NOT APPLICABLE.

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

7. Overhead expense development and application of commission and brokerage, other acquisition expenses, general expenses, taxes, licenses, and fees.

Development

See Exhibit 4 of Section D of Exhibit RF-1 for the development of various expense components.

Application

See Exhibit 1 of Section A and Exhibit 1 (Sheet 1), Exhibit 2 (Sheet 1), Exhibit 3 (Sheet 1), and Exhibit 4 (Sheet 1) of Section B for the application of the expense components.

See also the pre-filed testimony of James Davidson.

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

8. Percentage rate change.

See Summary of Indications (page a) and page 1 (the page preceding Section A) of Exhibit RF-1.

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

9. Final proposed rates.

See Exhibit 2 (Sheets 3-9), Exhibit 3 (Sheet 3), Exhibit 4 (Sheet 3), and Exhibit 5 (Sheets 1 and 2) of Section C of Exhibit RF-1.

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

10. Investment earnings, consisting of investment income and realized plus unrealized capital gains, from loss, loss expense and unearned premium reserves.

See Exhibit 6 of Section D of Exhibit RF-1 and the pre-filed testimony of James Davidson and Alyssa Irving.

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

11. Identification of applicable statistical plans and programs and a certification of compliance with them.

a) The statistical plans utilized are:

ISO Commercial Statistical Plan - Commercial Automobile Module

ISO Commercial Minimum Statistical Plan - Commercial Automobile Module

Annual Statement for 2022

Insurance Expense Exhibits for 2022

Rate Bureau Call for 2022 Automobile and Motorcycle Expense Experience

b) The North Carolina Reinsurance Facility certifies that there is no evidence known to it or, insofar as it is aware following reasonable inquiry, to the statistical agents involved that the data which were collected under the statistical plans identified in response (11) (a) above and used in the filing are not materially true and accurate representations of the experience of the companies whose data underlie such experience. While the Reinsurance Facility is aware that the collected data sometimes require corrections or adjustments, the Reinsurance Facility's review of the data, the data collection process, and the ratemaking process indicates that the aggregate data are reasonable and reliable for ratemaking purposes. See also the pre-filed testimony of James Davidson.

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

12. Investment earnings on capital and surplus.

NOT APPLICABLE.

STATISTICAL DATA TO COMPLY WITH NORTH CAROLINA STATUTORY
REQUIREMENTS FOR A COMMERCIAL AUTOMOBILE RATE FILING

13. Level of capital and surplus needed to support premium writings without endangering the solvency of member companies.

NOT APPLICABLE.

CHECKING SLIP—IMPORTANT

NORTH CAROLINA REINSURANCE FACILITY COMMERCIAL AUTOMOBILE MANUAL

NC 2022 Revision 002

NEW PAGES ENCLOSED	T-3–T-16, R-5–R-16, (a)–(b)
SUPERSEDED—REMOVE	All previous Manual Checking Slips Pages T-3– <u>T-9</u> , R-5–R-16, (a)–(b)
NEW CHANGES	<p>The Territories Section is revised to replace the current territory definitions with zip code rating.</p> <p>The basic limits premium rates for liability insurance for trucks, tractors, and trailers, hired cars, private passenger types, taxis and limousines, buses, van pools, auto dealers, and zone rated vehicles garaged in North Carolina are revised.</p> <p>These changes are effective October 1, 2022 in accordance with the following Rule of Application:</p> <p style="padding-left: 40px;">These changes are applicable to all policies becoming effective on or after October 1, 2022. No policy effective prior to October 1, 2022 shall be endorsed or cancelled and rewritten to take advantage of or to avoid the application of these changes except at the request of the insured and at the customary short rate charges as of the date of such request, but in no event prior to October 1, 2022.</p> <ul style="list-style-type: none">• Zip Codes/Territories Pages T-3–T-16• Commercial Automobile Liability Rates Pages R-5–R-13• Zone Rates for Vehicles Garaged in North Carolina Pages R-15 and R-16
ELECTRONIC MANUAL	The North Carolina Reinsurance Facility Commercial Manual is available in electronic format at https://www.aipso.com/Manuals/NorthCarolinaManuals.aspx . Register at https://www.aipso.com/EmailAlerts.aspx to receive email alerts when the manual is updated.
ABOUT THIS MANUAL	Stars (★) indicate the beginning of an amendment and end symbols (❖) indicate the ending of an amendment. The latest effective dates of rules, rates, and worksheets are listed on pages (a) and (b) located at the back of this Plan Manual.

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On behalf of the
North Carolina Reinsurance Facility
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Raleigh, N.C. 27616

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

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STANDARD PRACTICES SECTION

NOTES

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STANDARD PRACTICES SECTION

Unless otherwise noted, the following provisions are restated from the Standard Practice Manual. This chapter does not include all provisions found in the Standard Practice Manual. The provisions not included should be referred to as needed.

A. Membership Obligation

There is created pursuant to Article 37 of Chapter 58 of the General Statutes of North Carolina a non-profit unincorporated legal entity to be known as the North Carolina Reinsurance Facility (hereinafter referred to as the "Facility") consisting of all insurers licensed to write and engaged in writing within this State motor vehicle insurance or any component thereof. Every such insurer, as a prerequisite to further engaging in writing such insurance in this State, shall be a member of the Facility and shall be bound by the provisions of said Article 37, and the Plan of Operation (hereinafter referred to as the "Plan") and the Rules of Operation promulgated by the Board of Governors (hereinafter referred to as the "Board") pursuant thereto.

B. Eligibility (GS 58-37-1)

"Eligible risk", for the purpose of motor vehicle insurance, other than nonfleet private passenger motor vehicle insurance means:

1. A person who is a resident of this State who owns a motor vehicle registered or principally garaged in this State;
2. A person who has a valid driver's license in this State;
3. A person who is required to file proof of financial responsibility under Articles 9A or 13 of Chapter 20 of the General Statutes, in order to register his or her motor vehicle, or to obtain a driver's license in this State;
4. A nonresident of this State who owns a motor vehicle registered and principally garaged in this State; or
5. The State and its agencies and cities, counties, towns and municipal corporations in this State and their agencies.

However, no person shall be deemed an eligible risk if timely payment of premium is not tendered or if there is a valid unsatisfied judgment of record against such person for recovery of amounts due for motor vehicle insurance premiums and such person has not been discharged from paying said judgment, or if such person does not furnish the information necessary to effect insurance.

Refer to paragraph H.2, Application Requirements, Rate Evasion Fraud, for criteria regarding proof of North Carolina residency or eligible risk status.

C. Extent of Coverage

Policies issued to risks ceded to the Facility shall have the contract terms established by the Board of Governors and filed with the Commissioner of Insurance. Such contract terms will be disseminated by or on behalf of the Facility.

The ceding privileges are as follows:

1. For eligible risks (except as provided in paragraph 2 below) motor vehicle insurance coverage

up to the following limits shall be eligible for cession to the Facility:

- a. Bodily Injury Liability:
\$100,000 Each Person; \$300,000 Each Accident
 - b. Property Damage Liability:
\$50,000 Each Accident
 - c. Single Limit Bodily Injury and Property Damage Liability:
A limit per accident equal to the total of the minimum per accident Bodily Injury and Property Damage Liability limits required under the North Carolina Vehicle Financial Responsibility Act of 1953 as it is in effect on the date of cession to the Facility.
 - d. Medical Payments:
\$2,000 Each Person, except that this coverage shall not be available for motorcycles.
 - e. Uninsured Motorists:
\$1,000,000 Each Person and \$1,000,000 Each Accident for Bodily Injury, \$50,000 for Property Damage (\$100 Deductible).
 - f. Combined Uninsured and Underinsured Motorists:
\$1,000,000 Each Person and \$1,000,000 Each Accident for Bodily Injury and, for Uninsured Motorists, \$50,000 Each Accident for Property Damage (\$100 deductible).
2. If an eligible risk is subject to motor vehicle insurance or financial responsibility limits required by:
 - a. Any federal law or federal agency regulation;
 - b. Any law of the State of North Carolina;
 - c. Any rule duly adopted under Chapter 150B, General Statutes of North Carolina; or
 - d. Any rule duly adopted by the North Carolina Utilities Commission

motor vehicle insurance coverages up to the limits required by such law or rule shall be eligible for cession to the Facility.

3. For persons who must maintain liability coverage limits above those available under paragraph C.1 of this Section, in order to obtain or continue coverage under personal excess liability or personal "umbrella" insurance policies, motor vehicle insurance coverage up to the following limits shall be eligible for cession to the Facility:
 - a. Bodily Injury Liability:
\$250,000 Each Person; \$500,000 Each Accident
 - b. Property Damage Liability:
\$100,000 Each Accident

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- c. Single Limit Bodily Injury and Property Damage Liability:

A limit per accident equal to the total of the minimum per accident Bodily Injury and Property Damage Liability limits required under the North Carolina Vehicle Financial Responsibility Act of 1953 as it is in effect on the date of cession to the Facility.

- d. Medical Payments:

\$5,000 Each Person, except that this coverage shall not be available for motorcycles.

- e. Uninsured Motorists:

\$1,000,000 Each Person and \$1,000,000 Each Accident for Bodily Injury, \$50,000 for Property Damage (\$100 Deductible).

- f. Combined Uninsured and Underinsured Motorists:

\$1,000,000 Each Person and \$1,000,000 Each Accident for Bodily Injury and, for Uninsured Motorists, \$50,000 Each Accident for Property Damage (\$100 deductible).

D. Rules And Rates; Policy Forms

All policies issued on risks ceded to the Facility shall be in accordance with the policy forms and endorsements and with the rules, rates, and rating by a licensed or statutory rating bureau or organization authorized by the Board of Governors, and filed with the Commissioner of Insurance. Such forms, rules, rates, and rating plans will be disseminated by or on behalf of the Facility.

E. Termination of Cession

- 1. Expiration

Cession of a risk automatically terminates on the expiration date of the policy period covered by the Notice of Cession, unless the policy has been terminated at an earlier date.

Please note that the Plan of Operation requires the risk to have an underwriting review and the Facility to be again notified of cession prior to the renewal effective date if cession of the risk is to be continued. This requirement applies to each subsequent renewal.

- 2. Flat Cancellation

When a company cedes a risk for a renewal term and the policyholder does not pay any renewal premium, the company must notify the Facility of termination of cession (See Section 3. Paragraph E. of the Standard Practice Manual). This shall be done in one of two ways depending on the accounting practices of the company.

- a. If the company has submitted a cession record only for the ceded policy, then the company must notify the Facility of termination of cession by cancelling the cession via online data entry in EDGE, or through a transaction Code 4 cession sent in an FTP cession file. Such notice must be submitted to the Facility by not more than 90 days after the renewal effective date.

Flat cancellations made after 90 days from the effective date of cession will be suspended pending review by NCRF and will be processed separately.

- b. If the company does record the renewal quotation as written premium and cancels such amount when the renewal is not taken, the termination of cession will be accomplished either through the Monthly Accounting Detail Premium Report or through cancellation premium created directly online in EDGE and the Notice of Cession record should not be cancelled online in EDGE on such not-taken renewals.

- 3. Termination of Insurance (GS 58-37-50)

No member may terminate insurance to the extent that cession of a particular type of coverage and limits is available under the provisions of this Article except for the following reasons:

- a. Nonpayment of premium when due to the insurer or producing agent.
- b. The named insured has become a nonresident of this State and would not otherwise be entitled to insurance on submission of new application under this Article.
- c. A member company has terminated an agency contract for reasons other than the quality of the agents' insureds or the agent has terminated the contract and such agent represented the company in taking the original application for insurance.
- d. When the insurance contract has been cancelled pursuant to a Power of Attorney given a company licensed pursuant to the provisions of GS 58-35-5.
- e. The named insured, at the time of renewal, fails to meet the requirements contained in the corporate charter, articles of incorporation, and/or bylaws of the insurer, when the insurer is a company organized for the sole purpose of providing members of an organization with insurance policies in North Carolina.
- f. The named insured is no longer an eligible risk under GS 58-37-1.

In accordance with the instructions in the initial part of this Section, it should be apparent that when insurance terminates the cession is likewise terminated. If the termination of insurance results in an accounting transaction, for the purpose of cancelling written premium, the Facility will be notified of the termination of cession through the Monthly Detail Premium Records. If the termination occurs at the end of the policy period, cession automatically terminates.

(GS 58-2-164)

If an applicant provides false or misleading information material to the applicant's or any named insured's status as an eligible risk and that fraudulent information makes the applicant or any named insured appear to be an eligible risk when that person is in fact not an eligible risk, the insurer may do any or all of the following:

- (1) Refuse to issue, amend, or endorse a policy.

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- (2) Cancel or refuse to renew a policy that has been issued.
- (3) Deny coverage for any claim by the applicant for auto liability, comprehensive, or collision coverage. This subdivision does not apply to bodily injury or property damage claims of innocent third parties to the extent of any minimum financial responsibility requirement of State or federal law.

Any motor vehicle liability policy may provide that the insured shall reimburse the insurer for any payment made under a policy of insurance if the issuance of the policy was induced by a knowing and material misrepresentation of facts relating to the insured's status as an eligible risk. For purposes of this subsection, a payment made shall include any sums paid for satisfaction, in whole or in part, of any judgment against the insured or for a reasonable settlement of a claim against the insured for bodily injury or property damage. A payment made shall further include any costs or attorneys' fees incurred by the insurer in the adjustment, investigation, or defense of a claim.

F. Commissions

Commissions paid to producers on business ceded to the North Carolina Reinsurance Facility are subject to minimums as provided in GS 58-37-30. These minimums are defined as not less than the commission on insurance coverage written through the North Carolina Automobile Insurance Plan on May 1, 1973 which is as follows:

1. For long-haul trucking applicants and public passenger carrying vehicles other than school buses, 5% of the policy premium for commission to a licensed producer designated by the insured.
2. For other applicants, 10% of the policy premium for commission to a licensed producer designated by the insured.
3. On any applicant rated and domiciled outside of this State, the licensed producer may be paid only that portion of the producer's commission specified above which is permissible under the laws of the state in which the applicant is rated and domiciled.

The same commission must apply uniformly statewide. Commissions paid on business submitted to designated carriers are contained in Section 3. Paragraph L. of the Standard Practice Manual.

G. Service Standards

1. Each insurer shall provide the same type of service to ceded business that it provides for its voluntary market.
2. Records provided to agents and brokers shall include an indication that the business is ceded.
3. When an insurer cedes a policy or renewal to the Facility and the Facility premium is higher than the premium that would normally be charged if retained by the insurer, the policyholder shall be informed:
 - a. that the policy is ceded;

- b. that the coverages are written at the Facility rate, which rate differential must be specified;
- c. of the reason or reasons for the cession to the Facility;
- d. that the specific reason or reasons for the cession to the Facility will be provided upon the written request of the policyholder to the insurer; and
- e. that the policyholder may seek insurance through other insurers who may elect not to cede the policy.

If the policyholder obtains motor vehicle liability insurance through another insurer which elects not to cede the policy to the Facility and the policyholder cancels the ceded policy within 45 days of the effective date of the ceded policy, the earned premium for the ceded policy shall be calculated on the pro rata basis, except that the pro rata calculation shall not apply to a cancellation by any insurance premium finance company as provided in GS 58-35-85.

4. Upon the written request of any eligible risk who has been notified pursuant to paragraph 3 above that his motor vehicle insurance policy has been ceded to the Facility, the insurer ceding the insurance policy must provide in writing to that eligible risk the specific reason or reasons for the decision to cede that policy to the Facility. Proof of mailing of the written reason or reasons is sufficient proof of compliance with this obligation.

Note: GS 58-37-25 provides: "With regard to any notice of cession or any written or oral communications specifying the reason or reasons for cession, there will be no liability on the part of, and no cause of action of any nature will arise against: (1) any insurer or its authorized representatives, agents, or employees, or (2) any licensed agent, broker, or persons who furnish to the insurer information as to the reason or reasons for the cession, for any communications or statements made by them, unless the communications or statements are shown to have been made in bad faith with malice in fact".

H. Minimum Underwriting Requirements

1. Standards—Each member company is responsible to meet the following minimum underwriting standards for all business ceded to the Facility. Each member ceding risks is responsible to determine that all business ceded to the Facility is correctly classified and rated to develop the correct and proper premium. Classification and rating practices and procedures of each member company shall correspond with those followed for non-Facility business, subject to the following:
 - a. As to private passenger cars ceded to the Facility, member companies shall:
 - (1) Obtain the identification, date of birth, driver license number and state of issue (including date of original licensing for persons licensed less than two years) of the applicant, of all operators resident in

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- the applicant's household and of any non-residents shown as regular operators.
- (2) Determine the use and place of principal garaging of each vehicle to be insured.
 - (3) Obtain within 60 days of the cession effective date, for each initial cession, and at least annually thereafter, a current record of convictions for moving traffic violations for the applicant and each operator whose driving record would affect the subclass for every vehicle subject to rating under the North Carolina Safe Driver Insurance Plan.
 - (4) Correctly classify and rate each vehicle in accordance with the approved North Carolina Personal Auto Manual.
 - (5) Correctly determine and charge any applicable recoupment surcharges.
- b. As to other than private passenger cars ceded to the Facility, member companies shall develop sufficient identification, territory, use, and other information correctly to classify and price, in accordance with the approved North Carolina Reinsurance Facility Commercial Automobile Manual, the insurance afforded.
- ★ ❖
- c. Member companies shall make all underwriting records of business ceded to the Facility available for audit by the Audit Committee or its designate. Member companies shall not:
- (1) Cede any risk to the Facility except as provided by the rules outlined in Articles IX and X in the Plan of Operation.
 - (2) Refuse to insure any eligible risk for cedable coverages unless an exemption has been approved for that company by the Board of Governors.
2. Application Requirements—Each member company shall provide agents with motor vehicle insurance application forms to obtain from applicants sufficient information properly to classify and rate each exposure. This shall include at least the following:
- a. The name, address, date of birth, operator's license number, and state of issue for the applicant, each operator residing in the applicant's household, and any nonresidents who are regular operators, as well as the original date of licensing for any operator licensed for less than two years.
 - b. Identification of each of the specified vehicles to be insured to include the year, the make and model, the body type, and the vehicle identification number.
 - c. The use of each vehicle to be insured, as required by the approved classification plan, and the place of principal garaging.
 - d. A record of all accidents and convictions by the applicant and all operators as needed to establish the correct subclass, according to the North Carolina Safe Driver Insurance Plan.
 - e. The correct gross weight and information regarding the use, including the radius of operation, of any commercial automobile.
- ★ ❖
- f. Any other information necessary to develop the correct rating and premium for any type of risk eligible to be ceded.
 - g. **A Statement of Eligibility for Cession of Higher Limits Form NCRF-30 (see Section 3 Exhibit F-1 in the Standard Practice Manual)** when coverage limits above 100/300/50 are to be ceded to the Facility pursuant to paragraph C.2 of this Section and the coverage limits are required by rule, law, or regulation other than the Vehicle Financial Responsibility Act of 1957 (Article 13 Chapter 20, General Statutes of North Carolina). The insured must complete and sign a Form NCRF-30, and the signed form, or a copy thereof, must be retained in the ceding company's file. Absent a finding by the Facility of a lack of good faith by the ceding company, the ceding company shall be entitled to rely upon the insured's satisfactorily completed statement of eligibility for the cession of limits above 100/300/50. If, upon audit, the ceding company does not have a satisfactorily completed Form NCRF-30 in its file, the ceding company, in order to maintain cession of limits above 100/300/50 to the Facility or, in the event of a loss, in order to recover reimbursement from the Facility for losses in excess of 100/300/50, must prove, to the satisfaction of the Facility, that the higher limits were eligible to be ceded to the Facility as of the effective date of the initial cession of the insured's policy by the ceding company or as of the date notice of such cession was received by the Facility. A Form NCRF-30 is satisfactorily completed if the form is fully completed and the date the form was signed by the insured is prior to the later of (1) the date 45 days after the initial notice of cession of the insured's policy by the ceding company was received by the Facility or (2) the date of a loss.
- The initial statement of eligibility by the insured shall remain in effect and may be relied upon by the ceding carrier for subsequent successive renewals of the policy until such time as the insured advises the ceding company that the insured is no longer required by the rules, laws, and regulations referenced in GS 58-37-35(b)(1)e. to maintain coverage limits in excess of 100/300/50 or until the ceding company becomes aware that the insured is no longer required by such rules, laws, or regulations to maintain coverage limits in excess of 100/300/50.
- h. **A Certification of Higher Coverage Limits Form NCRF-31 (See Section 3 Exhibit G-1 in the Standard Practice Manual)** when liability coverage limits above 100/300/50 or medical payments limits above \$2,000 are to be ceded to the Facility pursuant to paragraph C.3 of this Section. The insured must complete and sign a copy of Form NCRF-31 and the signed form, or a copy thereof, must be

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retained in the ceding company's file. Absent a finding by the Facility of a lack of good faith by the ceding company, the ceding company shall be entitled to rely upon the insured's satisfactorily completed certification for the cession of liability coverage limits above 100/300/50 and/or medical payments limits above \$2,000. If, upon audit, the ceding company does not have a satisfactorily completed Form NCRF-31 in its file, the ceding company, in order to maintain cession of such limits to the Facility or, in the event of a loss, in order to recover reimbursement from the Facility for losses in excess of 100/300/50 for the liability coverages and/or in excess of \$2,000 for medical payments, must prove, to the satisfaction of the Facility, that the higher limits were eligible to be ceded to the Facility as of the effective date of the initial cession of the insured's policy by the ceding company or as of the date notice of such cession was received by the Facility. A Form NCRF-31 is satisfactorily completed if the form is fully completed and the date the form was signed by the insured is prior to the later of (1) the date 45 days after the initial notice of cession of the insured's policy by the ceding company was received by the Facility or (2) the date of loss.

The initial certification by the insured shall remain in effect and may be relied upon by the ceding carrier for subsequent successive renewals of the policy until such time as the insured advises the ceding company that the higher limits are no longer needed in order to obtain or continue coverage under personal excess liability or personal "umbrella" insurance policies or until the ceding company becomes aware that the higher limits are no longer needed in order to obtain or continue coverage under personal excess liability or personal "umbrella" insurance policies.

i. Rate Evasion, Fraud—Reliable Proof—Other than Nonfleet Private Passenger Motor Vehicle Insurance

As provided in G.S. 58-2-164(c2), for the purpose of obtaining other than nonfleet private passenger motor vehicle insurance and to the extent relevant to a particular criterion, for eligible risk status, reliable proof of North Carolina residency or eligible risk status includes two or more of the following:

- (1) A utility bill in the name of the applicant showing a North Carolina address for the principal place of business of the applicant.
- (2) A receipt for real property taxes paid by the applicant to a North Carolina locality within the preceding 12-month period and showing the applicant's current North Carolina address.
- (3) A valid North Carolina vehicle registration issued to the applicant and showing the applicant's current North Carolina address.
- (4) A federal income tax return filed by the applicant for the most recent prior filing

period showing the applicant's name and current North Carolina address.

- (5) A valid North Carolina driver's license of an owner of an applicant that is a corporation or an LLC, provided that the person holds at least twenty (20%) percent ownership interest in the applicant corporation or LLC.
- (6) If the principal place of business of a corporation or LLC is the primary residence of the sole owner, any of the documents identified in subdivisions (1) through (5) of this subsection, whether in the name of the corporation or LLC or in the name of the sole owner. For purposes of this subsection, "sole owner" shall mean an individual or a husband and wife.

For purposes of subdivisions (5) and (6) of this subsection, on policies to be ceded to the North Carolina Reinsurance Facility, proof of ownership is established through the execution by the owner of the corporation or LLC of **Certification of Ownership Form NCRF – 47 (see Exhibit H-1 in the Standard Practice Manual)**.

NOTE: For a risk to be an eligible risk for the purpose of motor vehicle insurance other than nonfleet private passenger motor vehicle insurance, the requirements of G.S. 58-37-1(4) must be satisfied. A completed Form NCRF-47 alone does not satisfy those requirements.

The following definitions apply to the above:

"Applicant" means one or more persons applying for the issuance or renewal of an auto insurance policy on which the person or persons will be a named insured.

"Principal place of business" means the single physical location from which the majority of the essential operations of the applicant's business are directed and controlled. The location of a consultant, service agent, or attorney of the applicant shall not be sufficient to establish an applicant's principal place of business.

3. Ceding at Renewal—The Plan of Operation requires each risk to have an underwriting review and the Facility to be notified of cession prior to the effective date of each renewal if cession is to be effective on that date. This requirement applies to every renewal to be ceded, whether or not the expiring policy was ceded.

THIS WILL INCLUDE AS A MINIMUM OBTAINING CURRENT RECORDS OF CONVICTIONS FOR MOVING TRAFFIC VIOLATIONS EVERY YEAR FOR ALL OPERATORS OF THE VEHICLES INSURED UNDER EACH CEDED POLICY SUBJECT TO RATING UNDER THE SAFE DRIVER INSURANCE PLAN

4. Agents' Responsibility—It shall be the responsibility of each agent to obtain from the applicant answers to all relevant questions on the application for insurance and to obtain from the applicant any other information needed for correct premium determination.

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NOTES

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**Rule 1. REINSURANCE FACILITY
SELECTED RULES OF OPERATION**

- A. For general rules of cession to the North Carolina Reinsurance Facility, refer to the Reinsurance Facility's Standard Practice Manual.
- B. The Standard Practice Manual includes information about the following:
 - 1. Facility membership obligations
 - 2. Eligibility for insurance
 - 3. Extent of coverage
 - 4. Rules, rates and policy forms
 - 5. Termination of insurance
 - 6. Commissions
 - 7. Service standards
 - 8. Minimum underwriting requirements
 - 9. Facility member responsibilities

Rule 2. APPLICATION OF THIS MANUAL

A. Contents

The rules, classifications, territories, rates, and additional charges applicable to auto risks insured in accordance with the provisions of the North Carolina Reinsurance Facility are contained herein.

B. Sections

This Manual is divided into separate sections for the following:

- 1. General Rules
- 2. Common Coverages
- 3. Trucks, Tractors, and Trailers
- 4. Public Transportation
- 5. Garage Dealers
- 6. Special Types and Operations
- ★ ❖
- 7. Supplementary Rating Procedures
- 8. Territories
- 9. Rates

C. Rates

- 1. For rates, refer to the Rates Section of this Manual
- 2. The rates and premium displayed in this manual are for an annual policy term. For policies written for a period other than 12 months, modify the annual rates and premiums in accordance with the provisions of the Premium Computation Rule ([Rule 4](#)).

D. Statistical Codes

Most statistical codes are shown on the rate schedules or in the specific rules. For statistical codes not shown, refer to the auto module of the commercial statistical plan.

E. Rules

Please note that if a rule regarding a type of coverage is not included in this Manual then the coverage is not eligible to be ceded to the Facility.

Rule 3. POLICY PERIOD

- A. Policies may be written for a specific term up to 36 months or on a continuous basis. However, no policy may be written for a period longer than 36 months.

Note: Annual notices of cession are required for three-year policies if coverage for the entire policy period is to be ceded to the Facility.

- B. A policy may be renewed by renewal certificates. When renewal certificates are used, they must conform in every respect to current rules, rates, and forms at the time of renewal.

Rule 4. PREMIUM COMPUTATION

- A. The premium to be charged for policy terms not exceeding 12 months shall be as follows:

- 1. 12-Month Policies—Charge the annual rates or minimum premiums, whichever apply. Compute the premium at the rates in effect at the policy inception.
- 2. 6-Month Policies—If a policy is written for a specified period of six months, the premium for the policy shall be 50%, respectively, of the one year premium.

★ This provision shall not apply to risks classified as public auto. ❖

B. Long Term Policies

For policies issued for more than one year, compute the premium at the rates in effect on each anniversary date of the policy's inception for each annual period. Use Calculation Of Premium Endorsement IL 00 03.

Rule 5. FACTORS OR MULTIPLIERS

Factors or multipliers are to be applied consecutively and not added together, unless otherwise specified.

Rule 6. PREMIUM ROUNDING

Each company may adopt and utilize its own auto insurance premium rounding rule, provided the company is consistent in the application of the rule.

Rule 7. MINIMUM PREMIUM

- A. Unless otherwise provided in this Manual, the minimum annual premium charge is \$200 subject to no reduction for each policy covering one or more of the following perils:

Bodily injury liability
Property damage liability
Medical payments

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(but not including uninsured and underinsured motorists coverage) even though coverage against other perils may be included in the policy.

- B. The minimum premium shall be inclusive of additional charges imposed for additional hazards in connection with the perils named above.
- C. In the event of cancellation or the issuance of a short term policy, pro rata or .90 of the pro rata amount of such annual minimum premium shall be charged as the conditions require.
- D. This minimum premium shall apply to each policy, certificate or declaration under a bordereau.
- E. For continuous policies, apply the policy writing minimum premium for each annual period.

Rule 8. ADDITIONAL PREMIUM CHANGES

- A. Prorate all changes requiring additional premium.
- B. In computing the additional premium, charge the rates in effect at the time the addition is made or the rates in effect at the inception of the policy even if the policy inception premium was less than the policy minimum premium. With respect to the election of using the rates in effect at the time the addition is made or the rates in effect at the inception of the policy, a company's election shall be applied consistently by the company and not on a policy by policy basis.
- C. Waive additional premium of \$10 or less. This waiver only applies to cash exchange due on an endorsement effective date.

Each company may adopt and utilize its own additional premium waiver amount up to \$10 provided the company is consistent in the application of the rule between voluntary and ceded business.

Rule 9. RETURN PREMIUM CHANGES

- A. Compute return premium at the rates used to calculate the policy premium.
- B. Compute return premium pro rata and round to the next higher whole dollar when any coverage or exposure is deleted or an amount of insurance is reduced. Retain the policy minimum premium.
- C. Waive return premium of \$10 or less. Each company may adopt and utilize its own return premium waiver amount up to \$10, provided the company is consistent in the application of the rule between voluntary and ceded business. Grant any return premium due if requested by the insured. This waiver only applies to cash exchange due on the endorsement effective date.

Rule 10. CANCELLATION

The following provisions apply when a policy, auto, or form of coverage is cancelled:

- A. If a policy, auto, or form of coverage is cancelled at the request of the insured, the return premium shall be calculated at .90 of the pro rata unearned premium for the

policy term except in the situations described in paragraph C below.

- B. If a policy, auto, or form of coverage is cancelled by the company, the return premium shall be computed pro rata.
- C. In the following cases, if a policy, auto, or form of coverage is cancelled at the request of the insured, the return premium shall be computed pro rata:
 - 1. if the insured has disposed of the auto, provided the insured takes out a new policy in the same company on another auto to become effective within 30 days of the date of cancellation;
 - 2. if the insured auto is repossessed under terms of a financing agreement;
 - 3. if an auto is cancelled from a policy, and the policy remains in force on other autos;
 - 4. if the insured enters the armed forces of the United States of America;
 - 5. if the insured auto is stolen or destroyed (total or constructive total loss) and cancellation is requested by the insured within 30 days following the date the auto is stolen or destroyed. The return premium for all coverages (including the premium for the coverage under which loss was paid) shall be calculated from the day following the date of such loss;
 - 6. if an insured who has been ceded to the Facility at rates higher than the insurer's voluntary rates obtains insurance through another insurer who elects not to cede the policy to the Facility and the insured cancels the ceded policy within 45 days of the effective date of the ceded policy.

Exception: This pro rata cancellation shall not apply to a cancellation by any insurance premium finance company.

- D. The following provisions apply to policies exceeding 12 months:
 - 1. If cancelled during the first year, calculate the return premium at .90 of the pro rata unearned premium for the first year or pro rata of the premium for the first year in accordance with the provisions of this Rule, plus the full annual premium for the second and/or third years.
 - 2. If cancelled after the first year, the full pro rata unearned premium shall be returned.
- E. If cancellation of the policy results in a return premium of less than \$10, no refund need be made except at the request of the insured, in which case the actual return premium shall be allowed. Each company may adopt and utilize its own additional premium waiver amount up to \$10, provided the company is consistent in the application of the rule between voluntary and ceded business.

F. Retention of Policy Writing Minimum Premium

Retain the policy writing minimum premium when return premium is calculated using the .90 of pro rata return premium calculation procedures except when a policy is cancelled as of the inception date.

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Rule 11. HOW TO CLASSIFY AUTOS

- A. If an auto has more than one use, use the highest rated classification, unless 80% of the use is in a lower rated activity. In that case, use the lower rated classification.
- B. Classify and rate autos of the private passenger type according to the Private Passenger Types Rule ([Rule 12](#)).
- C. Classify and rate autos of the truck type that transport property or are used in business according to the Trucks, Tractors, and Trailers Section.
- D. Classify and rate buses, taxicabs, and other autos that are used in the business of transporting people according to the Public Transportation Section.
- E. Classify and rate new and used auto dealers according to the Garage Section.
- F. Classify and rate autos that do not fit into these categories according to the Special Types and Operations Section.

Rule 12. PRIVATE PASSENGER TYPES

Fleet-Class Code 7398

- A. A private passenger auto is
 - 1. a four-wheel motor vehicle, other than a truck type or van, owned or leased under contract for a continuous period of at least six months, and
 - a. Not used as a public or livery conveyance for passengers.
 - b. Not rented to others.
 - 2. a pickup truck or van that
 - a. is owned by an individual or by a husband and wife or individuals who are residents of the same household;
 - b. has a gross vehicle weight as specified by the manufacturer of less than 14,000 pounds; and
 - c. is not used for the delivery or transportation of goods and materials unless such use is
 - (1) incidental to your business of installing, maintaining, or repairing furnishings or equipment; or
 - (2) for farming or ranching.
- B. ★The rates displayed on the rate schedules for private passenger types apply to all private passenger autos which are rated as part of a fleet. ❖

A fleet is any risk with five or more motor vehicles owned or hired under a long term contract.

EXCEPTIONS:

Five or more four-wheel private passenger autos owned by an individual or owned jointly by two or more individuals resident in the same household which are not used for business use, other than farming or ranching, and which are covered under a Personal Auto Policy shall not be considered a fleet.

- C. Private passenger nonfleet motor vehicles must be written on a Personal Auto Policy and rated out of the Personal Auto Manual.

EXCEPTIONS:

A private passenger nonfleet auto may be written on a commercial auto policy if

- 1. the vehicle is owned by an individual, husband and wife resident of the same household, or jointly by two or more individuals other than husband and wife, and the vehicle is written in conjunction with at least one commercial risk; or
- 2. the vehicle is not owned by a natural person.

However, these vehicles must be rated out of the Personal Auto Manual and coded as private passenger nonfleet for statistical purposes.

D. Premium Determination

- 1. Determine the rating territory from the territory definitions based on the street address of principle garaging.
- 2. Premiums for private passenger types are displayed on the rate schedules for the following:
 - a. Bodily injury liability
 - b. Property damage liability
 - c. Medical payments
- 3. ★The Private Passenger Types rates displayed on the rate schedules apply to all private passenger autos which are rated as part of a fleet. ❖
- 4. For uninsured and underinsured motorist insurance, refer to the Uninsured and Underinsured Motorists Insurance Rule ([Rule 20](#)).

E. Classifications and Codes

- 1. Fleet Classification—Use code 7398.
- 2. Nonfleet—Use North Carolina Rate Bureau/ Reinsurance Facility Endorsement CA 01 99 when insuring nonfleet private passenger autos on a commercial auto policy. Code as private passenger nonfleet for statistical purposes.

Rule 13. FARMERS AUTOS

Class Code 7399

A. Eligibility

This Rule applies to private passenger autos, pickups, panel trucks, and vans rated as part of a fleet which meet all the following qualifications:

- 1. Principally garaged on a farm or ranch
- 2. Owned by an individual or husband and wife resident in the same household, or by a farm family partnership or corporation
- 3. Not used in any occupation other than farming or ranching
- 4. Not used in going to and from work other than farming or ranching

B. Premium Computation

Charge 70% of the Private Passenger Types rate shown on the rate schedules.

COMMON COVERAGES

Rule 14. COMBINATION OF INTERESTS

More than one interest may be named on a policy and rated as a single risk if one interest owns more than 50% of another. All the interests that are combined must be named on the policy.

- (a) All Risks Other than Garage Service Operations

Determine the total number of employees of the insured at all locations and select the advance premium from the following table:

Rule 15. DRIVE OTHER CAR COVERAGE

(Class Code 9020)

- A. Drive other car coverage is provided for no additional charge in the following cases:
 - 1. An individual named insured who is an auto dealer garage risk. Use Individual Named Insured—Dealers Only Endorsement CA 99 18.
 - 2. An individual named insured who owns a private passenger auto, refer to the Individual As Named Insured Rule ([Rule 18](#)) in this Section. Use Individual Named Insured Endorsement CA 99 17.
- B. Except for an individual named insured who is an auto dealer garage risk or an individual named insured who owns a private passenger auto, use Drive Other Car Coverage—Broadened Coverage For Named Individuals Endorsement CA 99 10. For each named individual, charge the following rates:

Coverage	Limits	Premium per Named Individual
Bodily Injury	\$30/60	\$16
Property Damage	25	9
Medical Payments	500	4
	1,000	5
	2,000	6

Uninsured Motorists—Charge the additional persons rate in the Uninsured and Underinsured Motorists Insurance Rule ([Rule 20](#)).

- C. In all cases, drive other car coverage includes coverage for the spouse for no additional charge.

Rule 16. NONOWNERSHIP LIABILITY

A. Garage Dealer Risks

Coverage for nonownership liability for garage dealer risks is included in the basic garage charges. The following rating methodology applies to other than garage dealer risks.

B. Eligibility

For eligibility for this coverage, refer to Section I of the Facility Standard Practice Manual and General Statute 58-37-1.

- 1. Premium Development
 - a. Application

For All Risks Other than Social Service Agency Risks as Defined in the Public Transportation Section

- (1) Apply one of the following procedures, as appropriate:

Class Code	Total Number of Employees	Bodily Injury and Property Damage	
		30/60 BI	\$25,000 PD
6601	0–25	\$ 7	\$ 8
6602	26–100	18	22
6603	101–500	58	72
6604	501–1,000	110	138
6605	Over 1,000	169	213

- (b) Garage Service Operations (Class Code 6680)

Coverage is provided solely for the operation of nonowned autos by auto repair shops, service stations, storage garages, and public parking places, or tow truck operators. Refer to the General Liability or Market Segments Divisions for all other garage operations liability coverage.

- (i) Determine the total number of employees whose principal duty involves the operation of autos.
- (ii) Multiply this amount by .35.
- (iii) Multiply the result by the Private Passenger Types rates in the [rate schedules](#) of the North Carolina Reinsurance Facility Manual.

- (2) To extend nonownership liability coverage to cover the individual liability of employees (including employees of garage service operations) while using their autos and other covered nonowned autos in the employer's business, compute the additional premium by multiplying the premium determined in accordance with preceding paragraph 1.a.(1) or 1.a.(2) by .25 (Class Code 6671). Use Employees As Insureds Endorsement CA 99 33.

- (3) For Partnership as the Named Insured

- (a) When nonownership liability coverage is afforded, the coverage form provides coverage to a partnership for the use of autos owned by individual partners which are used in the business of the partnership.
- (b) Multiply the Private Passenger Types rates in the [rate schedules](#) by .10 for each active or inactive partner for the territory in which the partnership is located. Apply this rating base regardless of the type of autos being used (Class Code 7000).

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b. Social Service Agency Risks (Class Code 6670)

(1) Determine the advance premium based on the number of employees in accordance with paragraph a.(1)(a) above.

(2) Charge an additional premium determined as follows:

Determine the total number of volunteers at all locations who regularly use their own autos to transport social service clients in connection with the agency's programs and multiply this number by \$1.59 bodily injury, \$30,000/60,000 limits, and \$.75 property damage, \$25,000 limit per volunteer. The minimum premium shall be \$10 bodily injury, \$30,000/60,000 limits, and \$6 property damage, \$25,000 limit.

(3) To extend nonownership coverage to cover the individual liability of agency employees, charge an additional premium determined in accordance with paragraph 1.a.(2) (Class Code 6671). Use Employees As Insureds Endorsement CA 99 33.

(4) To extend coverage to cover the blanket individual liability of volunteers who use their own autos in the agency's social service programs, charge an additional premium of \$.37 bodily injury, \$30,000/ 60,000 limits, and \$.19 property damage, \$25,000 limit, per volunteer donor subject to a minimum premium of \$5 per policy (Class Code 6672). Use Social Service Agencies—Volunteers As Insureds Endorsement CA 99 34.

c. Unless there is substantial change in exposures during the policy period, the advance premium is the earned premium.

(2) Multiply the hired car premium by 6.00.

(3) Multiply the rate determined in the preceding paragraph times each \$100 cost of hire.

2. If the owner of the auto is providing the primary insurance, rate as though owned by the insured.

3. If a lessor is an employee of the insured, use Employee As Lessor Endorsement CA 99 47.

4. If an employee rents or hires an auto in his or her own name for the purpose of performing duties related to the insured's business, use Employee Hired Autos Endorsement CA 20 54.

B. Cost of Hire Basis—Liability Coverages (Class Code 6611 Minimum Premium Class Code 6619) Class Code 6625 Without Hold Harmless Agreements and 6627 With Hold Harmless Agreements. Minimum Premium Class Code 6619

1. Truckers

For truckers, refer to the Truckers/Motor Carrier Rule ([Rule 34](#)).

2. Premium Computation

a. Estimate the total cost for the hire of autos for each state where the insured does business. Do not include charges for services performed by common or contract motor carriers subject to the insurance requirement of any public authority regulating motor carriers.

b. To compute the advance premium, multiply the cost of hire rate on the state rate schedules times each \$100 cost of hire in each state. Add the total cost of hire premium for all states.

c. Unless there is substantial change in exposures during the policy period, the advance premium is the earned premium.

d. The minimum premium is \$10 bodily injury, \$30,000/60,000 limits, and \$4 property damage, \$25,000 limit.

Rule 17. HIRED AUTOS

A. Autos Hired, Loaned, Leased, or Furnished

1. If an insured, lessee, or renter is providing the primary insurance covering the auto (Class Code 6614) and the term of the lease is

a. 6 months or more:

(1) Rate as though owned by the insured, lessee, or renter; and

(2) If the policy is extended to cover the owner of the auto as an additional insured, multiply the otherwise applicable liability rate by 1.04. Use Lessor—Additional Insured And Loss Payee CA 20 01 or Hired Autos Specified As Covered Autos You Own Endorsement CA 99 16.

b. Less than 6 months (Class code 6614)—Rate according to the provisions in paragraph B except as follows:

(1) For liability coverage, separately estimate the cost of hire for those autos for which the insured is providing the primary insurance.

Rule 18. INDIVIDUAL AS THE NAMED INSURED

Endorse a policy covering an individually owned auto with the appropriate individual named insured endorsement.

A. Family drive other car coverage is provided at no additional charge if the policy covers

1. a private passenger auto not used for public transportation or rented to others without a driver;

2. a pickup, panel truck, or van that is not customarily used in the business of the insured other than for farming or ranching.

3. Use Individual Named Insured Endorsement CA 99 17.

B. Drive other car coverage is provided at no additional charge if the policy covers an auto dealer garage risk. Use Individual Named Insured—Dealers Only Endorsement CA 99 18.

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Rule 19. MEDICAL PAYMENTS

- A. The premiums for trucks, tractors, trailers, public autos, and private passenger types are on the rate schedules.
- B. For zone rated risks, refer to the [zone rating tables](#).
- C. For all other classes, refer to the section Rules.
- D. For premiums for limits not shown, refer to the Increased Limits Rule ([Rule 22](#)).

- ★ ❖
- E. Use Auto Medical Payments Coverage Endorsement CA 99 03.

Rule 20. UNINSURED AND UNDERINSURED MOTORISTS INSURANCE

For purposes of this Rule, the following definitions apply:

A commercial motor vehicle is defined as (1) any single motor vehicle with a GVWR of at least 26,001 pounds; (2) a combination of motor vehicles that has a combined GVWR of at least 26,001 pounds and includes as part of the combination a towed unit that has a GVWR of at least 10,001 pounds; (3) a combination of motor vehicles that includes a towing unit that has a GVWR of at least 26,001 pounds and a towed unit that has a GVWR of less than 10,001 pounds; (4) a motor vehicle that is designed to transport 16 or more passengers, including the driver; or (5) a motor vehicle transporting hazardous materials and required to be placarded in accordance with 49 C.F.R. Part 172, Subpart F.

A noncommercial motor vehicle is defined as any motor vehicle that is not a commercial motor vehicle as defined above, but that is otherwise subject to the requirements of North Carolina's Motor Vehicle Safety and Financial Responsibility Act of 1953.

A. Uninsured Motorists Coverage Only

- 1. Owners—(Class Code—Refer to statistical plan.)

Bodily injury and property damage uninsured motorists coverage shall be afforded under every auto liability policy insuring the owner of a motor vehicle registered or principally garaged in North Carolina.

EXCEPTIONS:

- This coverage shall not apply when the insured has purchased bodily injury liability limits greater than \$30,000/\$60,000.
- For policies insuring only commercial motor vehicles or a fleet of only noncommercial motor vehicles, uninsured motorists coverage is not mandatory and will apply only if purchased by the insured.

For the purpose of determining whether a policy is applicable solely to fleet vehicles, an insurer may rely upon the number of vehicles reported by the insured at the time of issuance of the policy for the policy term in question. In the event of a renewal of the policy, when determining whether a policy is applicable solely to fleet vehicles, the insurer may rely upon the number of vehicles reported by the insured at the time of renewal of the policy for the policy term in question.

Note: For any fleet or nonfleet policy insuring both commercial and noncommercial motor vehicles with bodily injury liability limits not greater than \$30,000/\$60,000, uninsured motorists coverage only is mandatory and shall be afforded.

a. Basic Limits

The limits of uninsured motorists bodily injury coverage shall be \$30,000/\$60,000 unless the insured purchases a higher limit of uninsured motorists bodily injury coverage but in no event shall an insurer be required to sell uninsured motorists bodily injury coverage at limits that exceed \$1,000,000/1,000,000. The limit of uninsured motorists property damage coverage shall equal the highest limit of liability for property damage liability coverage for any one non-commercial motor vehicle insured under the policy, provided, however, that (1) the limits shall not be required to exceed \$1,000,000 regardless of whether the highest limits of property damage liability coverage for any one vehicle insured under the policy exceed those limits, and (2) a named insured may purchase lesser limits of uninsured motorists property damage coverage but not less than the property damage liability limits required by North Carolina's financial responsibility law.

Each time a policy is issued or renewed, the insurer shall notify the named insured as provided in paragraph C of this Rule.

Basic limits of uninsured motorists coverage are \$30,000/\$60,000 bodily injury and \$25,000 property damage. Uninsured motorists property damage coverage is subject to an exclusion of the first \$100 of damage.

If provided, this coverage must apply to all autos insured under the policy at the limits determined in this Rule.

Rate—Charge the following for each auto insured under the policy.

- (1) Individual or Married Couple (Other than Garage Risks)—Per Auto

Private Passenger Types	\$15
Other than Private Passenger Types	8
- (2) Garage Risks

\$6 for each set of dealer or transporter plates in addition to the premium charged for any separately registered autos	
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- (3) All Others—Per Auto

Private Passenger Types	\$13
Other than Private Passenger Types	6

This rate is not subject to modification under the provisions of any rating plan or other Manual rule.

Punitive damages must be excluded from all policies providing uninsured and/or underinsured motorists coverage. Use Endorsement CA 21 71.

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Use North Carolina Uninsured Motorist Coverage Limits—CA 21 16.

b. Increased Limits

Increased limits of uninsured motorists bodily injury coverage may be afforded. Uninsured motorists property damage limits may not exceed the property damage liability limit afforded by the policy.

PD Limits	Additional Charge	
	PP Types	Other than PP Types
7,500	1.12	1.12
10,000	1.13	1.13
15,000	1.14	1.14

(b) Compute the charges for limits not shown by interpolation.

(1) Bodily Injury Liability

(a) To compute the premium for limits higher than the basic limits for uninsured motorists coverage only, add the appropriate rate shown below for each auto or set of dealer or transporter plates to the basic limits premium:

BI Limits	Additional Charge	
	PP Types	Other than PP Types
\$ 50/100	\$ 2	\$ 1
85/85	3	2
100/200	4	2
100/300	5	2
250/500	7	3
300/300	8	3
500/500	9	4
500/1,000	10	4
1,000/1,000	11	5
1,500/1,500	12	6
2,000/2,000	13	7
2,500/2,500	14	8
5,000/5,000	15	9
7,500/7,500	16	10
10,000/10,000	17	11
15,000/15,000	18	12

(b) Compute the charges for limits not shown by interpolation.

(2) Property Damage Liability

(a) To compute the premium for limits higher than the basic limits for uninsured motorists coverage only, add the rates shown for each auto or set of dealer or transporter plates to the basic limits premium:

PD Limits	Additional Charge	
	PP Types	Other than PP Types
\$ 50	\$1.00	\$1.00
85	1.01	1.01
100	1.02	1.02
300	1.03	1.03
400	1.04	1.04
500	1.05	1.05
750	1.06	1.06
1,000	1.07	1.07
1,500	1.08	1.08
2,000	1.09	1.09
2,500	1.10	1.10
5,000	1.11	1.11

c. Additional Persons

Bodily injury uninsured motorists coverage only may be extended to an executive officer, partner, or employee of the named insured at a charge of \$3.08, provided such additional person does not own an automobile.

The charge for each additional person shall not be subject to modification under the provisions of any rating plan or other Manual rule.

2. Uninsured Motorists Insurance for Nonowners (Bodily Injury Only) (Class Code 9900)

Uninsured motorists insurance for a limit of \$30,000/\$60,000 bodily injury may be afforded to any person who does not own an auto and who is not afforded such coverage as a named individual under paragraph A.1 of this Rule. Such coverage shall be written for a period of one year or three years at the following rates:

RATES

The following rates apply to each individual, including the spouse and relatives of either, resident in the same household as the named insured:

1 Year Policy	\$39
3 Year Policy	\$61

3. Trailers

Do not charge an uninsured motorists premium for trailers when power units designed to tow such trailers are insured for uninsured motorists insurance on the same coverage form.

B. Combined Uninsured/Underinsured Motorists Coverage

Owners—(Class Code—Refer to statistical plan.)

Bodily injury and property damage combined uninsured/underinsured motorists coverage shall be afforded under every auto liability policy insuring the owner of a motor vehicle registered or principally garaged in North Carolina.

EXCEPTIONS:

- This coverage shall not apply when the insured has purchased bodily injury liability limits not greater than \$30,000/\$60,000.
- For policies insuring only commercial motor vehicles or a fleet of only noncommercial motor vehicles, combined uninsured/underinsured motorists coverage is not mandatory and will apply only if purchased by the insured.

For the purpose of determining whether a policy is applicable solely to fleet vehicles, an insurer may rely upon the number of vehicles reported by the insured at the

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time of issuance of the policy for the policy term in question. In the event of a renewal of the policy, when determining whether a policy is applicable solely to fleet vehicles, the insurer may rely upon the number of vehicles reported by the insured at the time of renewal of the policy for the policy term in question.

Note: For any fleet or nonfleet policy insuring both commercial and noncommercial motor vehicles with bodily injury liability limits greater than \$30,000/\$60,000, combined uninsured/underinsured motorists coverage is mandatory and shall be afforded.

1. Limits

The limits of combined uninsured/underinsured motorists bodily injury coverage shall equal the highest limits of liability for bodily injury liability coverage for any one noncommercial motor vehicle insured under the policy, provided, however, that (1) the limits shall not be required to exceed \$1,000,000/1,000,000 regardless of whether the highest limits of bodily injury liability coverage for any one motor vehicle insured under the policy exceed those limits; (2) a named insured may purchase greater or lesser limits, except that the limits must exceed the bodily injury limits required by North Carolina's financial responsibility law, and in no event shall an insurer be required to sell combined uninsured/underinsured motorists bodily injury coverage at limits that exceed \$1,000,000/1,000,000; and (3) the limits shall be equal to the limits of uninsured motorists bodily injury coverage purchased. The limit of uninsured motorists property damage coverage, sold with combined uninsured/underinsured motorists bodily injury coverage, shall equal the highest limit of liability for property damage liability coverage for any one noncommercial motor vehicle insured under the policy, provided, however, that (1) the limits shall not be required to exceed \$1,000,000 regardless of whether the highest limits of property damage liability coverage for any one vehicle insured under the policy exceed those limits; and (2) a named insured may purchase lesser limits of uninsured motorists property damage coverage but not less than the property damage liability limits required by North Carolina's financial responsibility law.

Each time a policy is issued or renewed, the insurer shall notify the named insured as provided in paragraph C of this Rule.

The property damage coverage applies only on an uninsured motorists basis and is subject to an exclusion of the first \$100 of damage.

If provided, this coverage must apply to all autos insured under the policy at the limits determined in this Rule.

2. Rates

Add the rates shown below to the basic limits rates for uninsured motorists coverage only for each auto insured under the policy.

a. Bodily Injury Liability

- (1) To compute the premium for limits higher than the basic limits, add the rate shown below for each auto or set of dealer or

transporter plates to the basic limits premium:

BI Limits	Additional Charge	
	PP Types	Other than PP Types
\$ 50/100	\$ 8	\$ 6
85/85	17	13
100/200	24	18
100/300	26	19
250/500	55	41
300/300	59	44
500/500	73	55
500/1,000	77	58
1,000/1,000	89	67
1,500/1,500	97	73
2,000/2,000	103	78
2,500/2,500	109	82
5,000/5,000	128	96
7,500/7,500	137	103
10,000/10,000	143	108
15,000/15,000	151	111

- (2) Compute the charges for limits not shown by interpolation.

b. Property Damage Liability

- (1) To compute the premium for limits higher than the basic limits, add the rates shown for each auto or set of dealer or transporter plates to the basic limits premium:

PD Limits	Additional Charge	
	PP Types	Other than PP Types
\$ 50	\$1.00	\$1.00
85	1.01	1.01
100	1.02	1.02
300	1.03	1.03
400	1.04	1.04
500	1.05	1.05
750	1.06	1.06
1,000	1.07	1.07
1,500	1.08	1.08
2,000	1.09	1.09
2,500	1.10	1.10
5,000	1.11	1.11
7,500	1.12	1.12
10,000	1.13	1.13
15,000	1.14	1.14

- (2) Compute the charges for limits not shown by interpolation.

These total rates are not subject to modification under the provisions of any rating plan or other Manual rule.

3. Trailers

Do not charge an uninsured motorist premium for trailers when power units designed to tow such trailers are insured for uninsured motorist insurance on the same coverage form.

Punitive damages must be excluded from all policies providing uninsured and/or underinsured motorists coverage. Use Endorsement CA 21 71.

Use North Carolina Uninsured Motorist Coverage Limits—CA 21 16.

C. Notice Requirements

Every insurer that sells motor vehicle liability policies shall, when issuing and renewing a policy, give reasonable notice to the named insured of all of the following:

1. The named insured is required to purchase uninsured motorists bodily injury coverage, uninsured motorists property damage coverage, and, if applicable, underinsured motorists bodily injury coverage.
2. The named insured's uninsured motorists bodily injury coverage limits shall be equal to the highest limits of bodily injury liability coverage for any one vehicle insured under the policy unless the insured elects to purchase greater or lesser limits for uninsured motorists bodily injury coverage.
3. The named insured's uninsured motorists property damage coverage limits shall be equal to the highest limits of property damage liability coverage for any one vehicle insured under the policy unless the insured elects to purchase lesser limits for uninsured motorists property damage coverage.
4. The named insured's underinsured motorists bodily injury coverage limits, if applicable, shall be equal to the highest limits of bodily injury liability coverage for any one vehicle insured under the policy unless the insured elects to purchase greater or lesser limits for underinsured motorists bodily injury coverage.
5. The named insured may purchase uninsured motorists bodily injury coverage and, if applicable, underinsured motorists coverage with limits up to one million dollars (\$1,000,000) per person and one million dollars (\$1,000,000) per accident.

The insurer shall be deemed to have given reasonable notice if it includes, in at least 12 point type, Form NC 03 40 02 10-Notice Of Right To Purchase Higher Limits of UM/UIM or substantially similar language as a notice accompanying the original and renewal Declarations page or if it includes, in at least 12 point type, the same language as the language in said form, or substantially similar language, on the policy's original and renewal Declarations page.

Rule 21. CERTIFIED RISKS—FINANCIAL RESPONSIBILITY LAWS

For risks rated in accordance with this Manual for which the insured requests the company to certify the policy in accordance with financial responsibility laws, a fee of \$25 will be added to the total liability premium. This fee applies per driver and shall be applied each time the company provides such certification.

Rule 22. INCREASED LIMITS

A. Liability Increased Limits

1. The rates and premiums in this Manual are for basic limits of \$30,000/60,000 bodily injury and \$25,000 property damage.
2. For limits in excess of \$30,000/60,000 bodily injury and \$25,000 property damage, refer to the increased limit tables in the Commercial Auto Liability Rates Section of this Manual. For limits not shown, interpolation shall be used.

B. Medical Payments Limits Not Displayed on the Rate Schedules

1. The \$500 basic limit medical payments premiums for trucks, tractors, public autos, and private passenger types are on the rate schedules.
2. For limits not displayed on the rate schedules, compute the premium as follows:

a. Private Passenger Types

Multiply the \$500 limit by the following factors:

Limits	Limit Codes	Factor
\$1,000	3	1.30
2,000	4	1.46

\$250 Limit (Limit Code 7)—Decrease the \$500 limit premium by \$1.

b. Trucks, Tractors, Trailers, and Public Autos

(1) Other than Zone Rated Autos

Multiply the \$500 limit premium by the following factors:

Limit	Limit Codes	Factors
\$ 250	7	0.85
750	2	1.10
1,000	3	1.18
2,000	4	1.32

(2) Zone Rated Autos

Multiply the \$500 limit premium by the following factors:

Limit	Limit Codes	Factors
\$ 250	7	0.85
750	2	1.10
1,000	3	1.20
2,000	4	1.30

Rule 23. DEDUCTIBLE INSURANCE

A. Eligibility

1. Bodily injury liability insurance may be written on a deductible basis provided the company insures five or more autos owned by or under the control of the insured.
2. Property damage liability insurance may be written on a deductible basis provided the company insures

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one or more autos owned by or under the control of the insured.

3. If in addition to such autos the company insures both hired autos and the nonownership liability of the insured, the deductible form is also available for these coverages.
4. Use Deductible Liability Coverage Endorsement CA 03 01 or CA 03 02.

B. Deductible Amounts

1. The deductible amount applies to the loss portion of the claim and not to the expense incurred by the company.
2. The minimum deductible for bodily injury and property damage is \$250.

C. Rates

1. Bodily Injury

Reductions from the full coverage bodily injury rates for deductible amounts for the limits of \$30,000/60,000 are given in the table below:

Amount of Deductible	Percent Reduction From Full Coverage Rate	
	Per Claim	Per Accident
\$ 250	9%	7%
500	16	12
1,000	23	20
2,500	28	26
5,000	37	34
10,000	40	37
20,000	52	49
25,000	92	55

2. Property Damage

Reductions from the full coverage property damage rates for deductible amounts per accident for the limit of \$25,000 are given in the table below:

Amount of Deductible	Percent Reduction From Full Coverage Rate
\$ 250	42%
300	44
400	47
500	48
1,000	49
2,000	50
3,000	51
4,000	52
5,000	53

3. Only those deductibles shown are available.

Rule 24. POLLUTION LIABILITY

Coverage for bodily injury or property damage arising out of the discharge of pollutants that are being transported or towed by, loaded onto or unloaded from, or, with the exception of certain fuels, stored, disposed of, treated or processed in or upon a covered auto is excluded under the Business Auto and Truckers Policies.

A. Pollution Liability—Broadened Coverage for Covered Autos

Business Auto and Truckers Policies shall be endorsed to delete that part of the pollution exclusion and the definition of covered pollution cost or expense, for bodily injury, property damage, and covered pollution cost or expense relating to discharge of pollutants which are in or upon, being transported or towed by, being loaded onto or unloaded from a covered auto for risks which are subject to the Motor Carrier Act of 1980 or any similar or equivalent North Carolina financial responsibility filing requirement. This extension of coverage does not apply to liability assumed under any contract or agreement.

Attach applicable endorsement.

B. Classes of Pollutants

Pollutants that are or that are contained in any property that is being transported or towed by or handled for movement into, onto, or from, covered autos are classed as follows:

1. Property (Nonhazardous)
2. Hazardous substances as defined in 49 CFR 171.8, transported in cargo tanks, portable tanks, or hopper-type vehicles with capacities in excess of 3,500 water gallons; or in bulk Class A or B explosives, poison gas (Poison A), liquefied compressed gas, or compressed gas; or highway route controlled quantity radioactive materials as defined in 49 CFR 173.455.
3. Oil listed in 49 CFR 172.101; hazardous waste, hazardous materials, and hazardous substances defined in 49 CFR 171.8 and listed in 49 CFR 172.101, but not mentioned in 2 above or 4 below.
4. Any quantity of Class A or B explosives; any quantity of poison gas (Poison A); or highway route controlled quantity radioactive materials as defined in 49 CFR 173.455.

C. Premium Development

Business Auto and Truckers Policies

1. Owned Autos
 - a. Charge an additional 5% of the otherwise applicable bodily injury and property damage premium for each covered auto transporting any substance described in B.1 above.
 - b. Charge an additional 25% of the otherwise applicable bodily injury and property damage premium for each covered auto transporting any substance described in B.2 above.
 - c. Charge an additional 10% of the otherwise applicable bodily injury and property damage premium for each covered auto transporting any substance described in B.3 above.
 - d. Charge an additional 25% of the otherwise applicable bodily injury and property damage premium for each covered auto transporting any substance described in B.4 above.
 - e. Where more than one class of pollutants is transported by a covered auto, apply the charge which develops the highest premium.

2. Hired Autos

Charge an additional percentage of the otherwise applicable bodily injury and property damage premium for hired auto coverage. Such percentage is the highest one determined in accordance with 1 above for any covered auto. Where hired autos will transport more than one class of pollutants, apply the charge which develops the highest premium.

Rules 25–30. RESERVED FOR FUTURE USE

NOTES

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TRUCKS, TRACTORS, AND TRAILERS SECTION**

NOTES

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Rule 31. ELIGIBILITY

This Section applies to all trucks, including pickup, panel, and van types, truck-tractors, trailers, and semitrailers except for the following:

- A. Autos used for public transportation. Refer to the Public Transportation Section.
- B. Autos leased or rented to others without drivers by leasing or rental concerns. Refer to the Leasing or Rental Concerns Rule (Rule 67).
- C. Pickups, panel trucks, or vans owned by an individual, husband and wife resident in the same household, or a family farm partnership or corporation and used for farming or ranching and not used in any occupation other than farming or ranching. Refer to the Farmers Autos Rule (Rule 13).
- D. Individually owned nonfleet pickups, panel trucks, or vans. Refer to Rule 12. Private Passenger Types.
- E. Self-propelled vehicles with the following types of permanently attached equipment. Refer to the Special or Mobile Equipment Rule in the Special Types Section (Rule 72).
 - 1. Equipment designed primarily for
 - a. snow removal;
 - b. road maintenance, but not construction or resurfacing;
 - c. street cleaning;
 - 2. Cherry pickers and similar devices mounted on auto or truck chassis and used to raise or lower workers; and
 - 3. Air compressors, pumps, and generators, including spraying, welding, building cleaning, geophysical exploration, lighting, and well servicing equipment.

**Rule 32. PREMIUM DEVELOPMENT—
OTHER THAN ZONE RATED
AUTOS**

- A. This Rule applies to
 - 1. all light trucks and trailers used with light trucks;
 - 2. all other trucks, tractors, and trailers which regularly operate within a 200-mile radius from the street address of principal garaging. For those autos regularly operating beyond a 200 mile radius, refer to the Premium Development—Zone Rated Autos Rule (Rule 35).
- B. Determine the classification, rating factor, and class code as follows:
 - 1. Determine whether the risk is classified as fleet or nonfleet according to the Trucks, Tractors, and Trailers Classifications Rule (Rule 33).
 - 2. Determine the primary rating factor from the Trucks, Tractors, and Trailers Classifications Rule (Rule 33) based on size class, business use class, and radius class.
 - 3. Determine the secondary rating factor, if any, from the Trucks, Tractors, and Trailers Classifications

Rule (Rule 33) based on the special industry classifications.

- 4. Determine the combined rating factor by adding or subtracting the secondary rating factor to or from the primary rating factor.
- 5. For trailers used with light trucks which regularly operate beyond a 200-mile radius, use the rating factor for the intermediate rating class.

C. Premium Computation

- 1. ★For vehicles principally garaged in North Carolina:
 - a. Determine the rating territory from the territory definitions based on the street address of principal garaging.
 - b. Liability Coverage❖
 - (1) Determine the fleet or nonfleet base premiums from the liability base premium schedule on the rate schedules.
 - (2) Multiply the base premium by the combined rating factor.
 - c. ★Medical Payments Coverage❖
 - (1) Trucks and Tractors
 - (a) Primary and secondary rating factors do not apply.
 - (b) Determine the premiums from the liability base premium schedule. For premiums not shown, refer to the Increased Limits Rule (Rule 22).
 - (2) Trailers
 - (a) Determine the base premium from the liability base premium schedule. For premiums not shown, refer to the Increased Limits Rule (Rule 22).
 - (b) Multiply the base premium by the primary rating factor.
 - (c) Secondary rating factors do not apply.
 - d. Uninsured and Underinsured Motorists Insurance
 - (1) Primary, secondary, and fleet rating factors do not apply.
 - (2) Refer to the Uninsured and Underinsured Motorists Insurance Rule (Rule 20) in the Common Coverages Section of this Manual.
- 2. ★For vehicles principally garaged in states other than North Carolina:
 - a. Liability Coverage
 - (1) Determine the fleet or nonfleet base premiums from the liability base premium schedule from the rate schedules for the state where the vehicle is principally garaged.
 - (2) Multiply the base premium by the combined rating factor.

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- b. Medical Payments Coverage
 - (1) Trucks and Tractors
 - (a) Primary and secondary rating factors do not apply.
 - (b) Determine the premium from the liability base premium schedule. For premiums not shown, refer to the Increased Limits Rule (Rule 22).
 - (2) Trailers
 - (a) Determine the base premium from the liability base premium schedule. For premiums not shown, refer to the Increased Limits Rule (Rule 22).
 - (b) Multiply the base premium by the primary rating factor.
 - (c) Secondary rating factors do not apply.
 - c. Uninsured and Underinsured Motorists Insurance
 - (1) Primary, secondary, and fleet rating factors do not apply.
 - (2) Refer to the Uninsured and Underinsured Motorists Insurance Rule (Rule 20) in the Common Coverages Section of this Manual. ❖
 - b. GCW—The maximum loaded weight for a combination truck-tractor and semitrailer or trailer for which the truck-tractor is designed, as specified by the manufacturer.
2. Size Class
- a. Light Trucks—Trucks that have a gross vehicle weight (GVW) of 10,000 pounds or less.
 - b. Medium Trucks
 - (1) Trucks that have a gross vehicle weight (GVW) of 10,001–20,000 pounds.
 - (2) Include crawler type trucks in this class.
 - c. Heavy Trucks—Trucks that have a gross vehicle weight (GVW) of 20,001–45,000 pounds.
 - d. Extra Heavy Trucks—Trucks that have a gross vehicle weight (GVW) over 45,000 pounds.
 - e. Truck-Tractors—A truck-tractor is a motorized auto with or without body for carrying commodities or materials, equipped with fifth wheel coupling device for semitrailers.
 - (1) Heavy Truck-Tractors—Truck-tractors that have a gross combination weight (GCW) of 45,000 pounds or less.
 - (2) Extra Heavy Truck-Tractors—Truck-tractors that have a gross combination weight (GCW) over 45,000 pounds.
 - f. Semitrailers—A semitrailer is a trailer equipped with fifth wheel coupling device for use with a truck-tractor with load capacity over 2,000 pounds. This includes bogies used to convert containers into semitrailers.
 - g. Trailers—Any trailer with load capacity over 2,000 pounds, other than a semitrailer.
 - h. Service or Utility Trailer—Any trailer or semitrailer with load capacity of 2,000 pounds or less.
3. Business Use Class
- If a truck, tractor, or trailer has more than one use, use the highest rated classification unless 80% of the use is in a lower rated activity. In that case, use the lower rated classification.
- a. Service Use—For transporting the insured's personnel, tools, equipment, and incidental supplies to or from a job location. This classification is confined to autos principally parked at job locations for the majority of the working day or used to transport supervisory personnel between job locations.
 - b. Retail Use—Autos used to pick up property from, or deliver property to, individual households.
 - c. Commercial Use—Autos used for transporting property other than those autos defined as service or retail.

Rule 33. TRUCKS, TRACTORS, AND TRAILERS CLASSIFICATIONS

Classify trucks, tractors, and trailers for liability coverages as follows:

A. Fleet—Nonfleet Classifications

1. Classify as fleet the autos of any risk that has five or more self-propelled autos of any type that are under one ownership. Do not include autos owned by allied or subsidiary interests unless the insured holds a majority financial interest.
2. Do not include mobile equipment insured on a general liability policy in determining if the risk is a fleet.
3. Do not include trailers in determining if the risk is a fleet, but apply the fleet classification to the trailers if the risk otherwise is classified as a fleet.
4. Classify the autos of any other risk as nonfleet.
5. Do not change the fleet or nonfleet classification because of midterm changes in the number of owned autos, except at the request of the insured. The policy must be cancelled and rewritten in accordance with the Cancellation Rule.

B. Primary Classifications

1. Gross vehicle weight (GVW) and gross combination weight (GCW) mean the following:
 - a. GVW—The maximum loaded weight for which a single auto is designed, as specified by the manufacturer.

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4. Radius Class

Determine radius on a straight line from the street address of principal garaging.

- a. Local—up to 50 miles—The auto is not regularly operated beyond a radius of 50 miles from the street address where such auto is principally garaged.
- b. Intermediate—51 to 200 miles—The auto is operated beyond a radius of 50 miles but not regularly beyond a radius of 200 miles from the street address where such auto is principally garaged.
- c. Long Distance—over 200 miles—The auto is operated regularly beyond a 200-mile radius

from the street address where such auto is principally garaged. Apply zone rates for other than light trucks.

5. Nonfleet and Fleet Primary Classifications—Rating Factors and Statistical Codes

See the primary classifications—rating factors on the following pages.

C. **Primary Classifications—Rating Factors and Classification Designators**

See the secondary classification rating factor tables for the rating factors and statistical codes.

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FLEET

PRIMARY CLASSIFICATIONS—RATING FACTORS AND CLASSIFICATION DESIGNATORS

Size Class	Business	Factor CD	Radius Class		
			Local Up to 50 Miles BI and PD	Intermediate 51 to 200 Miles BI and PD	Long Distance Over 200 Miles BI and PD
Light Trucks (0–10,000 lbs. GVW)	Service	Factor CD	1.00 014--	1.25 015--	1.30 016--
	Retail	Factor CD	1.45 024--	1.80 025--	1.80 026--
	Commercial	Factor CD	1.30 034--	1.60 035--	1.65 036--
ZONE RATED					
Medium Trucks (10,001–20,000 lbs. GVW)	Service	Factor CD	1.05 214--	1.30 215--	.90 216--
	Retail	Factor CD	1.55 224--	1.90 225--	.90 226--
	Commercial	Factor CD	1.40 234--	1.70 235--	.90 236--
Heavy Trucks (20,001–45,000 lbs. GVW)	Service	Factor CD	1.10 314--	1.40 315--	1.00 316--
	Retail	Factor CD	1.60 324--	2.05 325--	1.00 326--
	Commercial	Factor CD	1.45 334--	1.80 335--	1.00 336--
Extra Heavy Trucks (★Over 45,000 lbs. GVW★)		Factor CD	2.15 404--	2.80 405--	1.40 406--
Heavy Truck-Tractors (0–45,000 lbs. GCW)	Service	Factor CD	1.40 344--	1.75 345--	1.00 346--
	Retail	Factor CD	2.00 354--	2.55 355--	1.00 356--
	Commercial	Factor CD	1.80 364--	2.25 365--	1.00 366--
Extra Heavy Truck-Tractors (Over 45,000 lbs. GCW)		Factor CD	2.35 504--	3.05 505--	1.40 506--
Trailer Types					
Semitrailers		Factor CD	.10 674--	.15 675--	.15 676--
Trailers		Factor CD	.10 684--	.15 685--	.15 686--
Service or Utility Trailer (0–2,000 lbs. Load Capacity)		Factor CD	.00 694--	.00 695--	.00 696--

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NONFLEET

PRIMARY CLASSIFICATIONS—RATING FACTORS AND CLASSIFICATION DESIGNATORS

Size Class	Business Use Class	Factor CD	Radius Class		
			Local Up to 50 Miles BI and PD	Intermediate 51 to 200 Miles BI and PD	Long Distance Over 200 Miles BI and PD
Light Trucks (0–10,000 lbs. GVW)	Service	Factor CD	011-- 1.00	012-- 1.25	013-- 1.30
	Retail	Factor CD	021-- 1.45	022-- 1.80	023-- 1.80
	Commercial	Factor CD	031-- 1.30	032-- 1.60	033-- 1.65
ZONE RATED					
Medium Trucks (10,001–20,000 lbs. GVW)	Service	Factor CD	211-- 1.05	212-- 1.30	213-- .90
	Retail	Factor CD	221-- 1.55	222-- 1.90	223-- .90
	Commercial	Factor CD	231-- 1.40	232-- 1.70	233-- .90
Heavy Trucks (20,001–45,000 lbs. GVW)	Service	Factor CD	311-- 1.10	312-- 1.40	313-- 1.00
	Retail	Factor CD	321-- 1.60	322-- 2.05	323-- 1.00
	Commercial	Factor CD	331-- 1.45	332-- 1.80	333-- 1.00
Extra Heavy Trucks (Over 45,000 lbs. GVW)		Factor CD	401-- 2.15	402-- 2.80	403-- 1.40
Heavy Truck-Tractors (0–45,000 lbs. GCW)	Service	Factor CD	341-- 1.40	342-- 1.75	343-- 1.00
	Retail	Factor CD	351-- 2.00	352-- 2.55	353-- 1.00
	Commercial	Factor CD	361-- 1.80	362-- 2.25	363-- 1.00
Extra Heavy Truck-Tractors (Over 45,000 lbs. GCW)		Factor CD	501-- 2.35	502-- 3.05	503-- 1.40
Trailer Types					
Semitrailers		Factor CD	671-- .10	672-- .15	673-- .15
Trailers		Factor CD	681-- .10	682-- .15	683-- .15
Service or Utility Trailer (0–2,000 lbs. Load Capacity)		Factor CD	691-- .00	692-- .00	693-- .00

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D. Secondary Classification—Special Industry Class

1. These classifications and codes, but not the rating factors, apply to zone rated autos.
2. Where more than one secondary rating factor applies, use the highest rated classification unless 80% of the use is in a lower rated activity. In that case, use the lower rated classification.

Classification	Secondary Factor to Be Combined with Primary Factor		Code to Be Inserted in 4th and 5th Digit of Classification Code	
	Trailer Types and Zone Rated Autos	All Other Autos		
Truckers —Autos used to haul or transport goods, materials, or commodities for another, other than autos used in moving operations				
a. Common carriers	local	0.00	+0.75	21
	intermediate	0.00	+0.75	21
	long distance	0.00	+0.75	21
b. Contract carriers (other than chemical or iron and steel haulers)	local	0.00	+0.75	22
	intermediate	0.00	+0.75	22
	long distance	0.00	+0.75	22
c. Contract carriers hauling chemicals	local	0.00	+0.75	23
	intermediate	0.00	+0.75	23
	long distance	0.00	+0.75	23
d. Contract carriers hauling iron and steel	local	0.00	+0.75	24
	intermediate	0.00	+0.75	24
	long distance	0.00	+0.75	24
e. Exempt carriers (other than livestock haulers)	local	0.00	+0.75	25
	intermediate	0.00	+0.75	25
	long distance	0.00	+0.75	25
f. Exempt carriers hauling livestock	local	0.00	+0.75	26
	intermediate	0.00	+0.75	26
	long distance	0.00	+0.75	26
g. Carriers engaged in both private carriage and transporting goods, materials, or commodities for others if at least 20% of their total operation is transporting goods, materials, or commodities for others	local	0.00	+0.75	02
	intermediate	0.00	+0.75	02
	long distance	0.00	+0.75	02
h. Tow trucks for hire	local	0.00	+0.75	03
	intermediate	0.00	+0.75	03
	long distance	0.00	+0.75	03
i. All other	local	0.00	+0.75	29
	intermediate	0.00	+0.75	29
	long distance	0.00	+0.75	29
Food delivery —Autos used by food manufacturers to transport raw and finished products or used in wholesale distribution of food				
a. Canneries and packing plants		0.00	+0.45	31
b. Fish and sea food		0.00	+0.45	32
c. Frozen food		0.00	+0.45	33
d. Fruit and vegetable		0.00	+0.45	34
e. Meat or poultry		0.00	+0.45	35
f. All other		0.00	+0.45	39

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Classification	Secondary Factor to Be Combined with Primary Factor		Code to Be Inserted in 4th and 5th Digit of Classification Code
	Trailer Types and Zone Rated Autos	All Other Autos	
Specialized delivery —Autos used in deliveries subject to time and similar constraints			
a. Armored cars	0.00	+0.65	41
b. Film delivery	0.00	+0.65	42
c. Magazines or newspapers	0.00	+0.65	43
d. Mail and parcel post	0.00	+0.65	44
e. All other	0.00	+0.65	49
	Trailer Types and Zone Rated Autos	All Other Autos	
Waste disposal —Autos transporting salvage and waste material for disposal or resale			
a. Auto dismantlers	0.00	+0.30	51
b. Building wrecking operators	0.00	+0.30	52
c. Garbage	0.00	+0.30	53
d. Junk dealers	0.00	+0.30	54
e. All other	0.00	+0.30	59
	Trailer Types and Zone Rated Autos	All Other Autos	
Farmers —Autos owned by a farmer, used in connection with the operation of his own farm, and occasionally used to haul commodities for other farmers			
a. Individually owned or family corp. (other than livestock hauling)	0.00	-0.50	61
b. Livestock hauling	0.00	-0.50	62
c. All other	0.00	-0.50	69
	Trailer Types and Zone Rated Autos	All Other Autos	
Dump and transit mix trucks and trailers (Use these factors and codes only when no other secondary classification applies. Refer to Truckers/Motor Carriers Rule.)			
a. Excavating	0.00	-0.10	71
b. Sand and gravel (other than quarrying)	0.00	-0.10	72
c. Mining	0.00	-0.10	73
d. Quarrying	0.00	-0.10	74
e. All other	0.00	-0.10	79

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Classification	Secondary Factor to Be Combined with Primary Factor		Code to Be Inserted in 4th and 5th Digit of Classification Code
	★ Trailer Types and Zone Rated Autos	★ All Other Autos	
Contractors (Other than dump trucks—Use these factors and codes only when no other secondary classification applies. Refer to Truckers/Motor Carriers Rule.)		❖	
a. Building—commercial	0.00	-0.05	81
b. Building—private dwellings	0.00	-0.05	82
c. Electrical, plumbing, masonry, plastering, and other repair or service	0.00	-0.05	83
d. Excavating	0.00	-0.05	84
e. Street and road	0.00	-0.05	85
f. All other	0.00	-0.05	89
Not otherwise specified			
a. Logging and lumbering	0.00	0.35	91
b. All other	0.00	0.00	99
	❖		

TRUCKS, TRACTORS, AND TRAILERS

E. Special Provisions for Certain Risks

1. Truckers/Motor Carriers. If the business of the insured involves transporting materials or commodities for another, the Truckers/Motor Carrier Rule ([Rule 34](#)) also applies.
2. Transporters of liquid products. A coverage form that covers an auto used for the bulk transportation of liquid products must exclude accidents resulting from the erroneous delivery of one liquid product for another, or the delivery of any liquid product into the wrong receptacle if the accident occurs after the operations have been completed. Use Wrong Delivery Of Liquid Products Endorsement CA 23 05.
3. Amusement devices (Class Code 7905). A coverage form that covers an auto with an amusement device mounted on it must cover the operation of the amusement device at the additional premium of \$154 for \$30,000/60,000 bodily injury and \$30 for \$25,000 property damage liability. The premium is for the period of coverage and not subject to any return.
4. Rolling stores. A coverage form that covers autos equipped as a rolling store must exclude product liability. Use Rolling Stores Endorsement CA 23 04.
5. Trailers or Semitrailers Used as Showrooms
 - a. To provide liability coverage for trailers or semitrailers used as showrooms or salesrooms, multiply the trailer or semitrailer rating factor by 2.00. The minimum premium per trailer or semitrailer is \$22 for bodily injury, \$30,000/60,000 limits and \$3 property damage, \$25,000 limit. The policy must exclude product liability. Use Rolling Stores Endorsement CA 23 04.
 - b. For medical payments coverage, multiply the private passenger medical payments premiums for the territory in which the risk is located by 3.00.

Rule 34. TRUCKERS/MOTOR CARRIERS

A. Eligibility

1. A trucker is a person or organization in the business of transporting goods, materials, or commodities for another. A motor carrier is a person or organization providing transportation by auto in the furtherance of a commercial enterprise.
2. A risk engaged in trucking operations described in preceding paragraph 1 is assigned to the truckers' classification even though they advertise or describe themselves as a contractor, building contractor, building material dealer, sand and gravel hauler, or some other similar name.
3. Movers are classified as truckers even though they are not subject to the truckers secondary rating factors.
4. For details of coverage refer to the Motor Carrier Coverage Form CA 00 20. Use the Business Auto Coverage Form CA 00 01 when coverage is provided for bobtail operations only.

B. Special Provisions

1. Bobtail Operations (Class Code 7489)
 - a. Coverage may be limited to nontrucking use when the autos are not rented, nor used for business purposes to carry property or to haul someone else's trailers.

Use Truckers—Insurance For Non-Trucking Use Endorsement CA 23 09.
 - b. Premium Computation

Liability coverages. Multiply the truck, tractor, and trailer nonfleet base premium by a rating factor of 1.75 per unit or combined unit. Primary, secondary, and fleet rating factors do not apply.
 - c. Premium Determination

Rate autos transporting exclusively for one concern on the same basis as though owned by such concern for both territory and classification.
 - (1) Specified Car Basis. Truckers may be written on a specified car basis—see the Trucks, Tractors, and Trailers Classifications Rule ([Rule 33](#)).
 - (2) Cost of Hire Basis. (Class Code 6613, Minimum Premium Class Code 6619) Truckers may be written on the cost of hire basis to cover their liability because of a contract involving the hire of trucks, tractors, and trailers.
 - (a) Determine the total cost of hiring the autos. If autos are hired without operators, include the actual wages of the operators of such autos.
 - (b) Determine the average specified car rate by
 - (i) computing the premium for all autos owned and leased by the insured that are used in trucking operations;
 - (ii) dividing this by the number of trucks and truck-tractors owned and leased by the insured.
- (3) The cost of hire rate is determined by multiplying the average specified car rate by .0033.
- (4) Compute the advance premium by multiplying each \$100 of the total amount estimated for the cost of hire during the policy period by the cost of hire rate.
- (5) Unless there is a substantial change in exposure during the policy period, the advance premium computed at the beginning of the policy term is the earned premium.
- (6) Compute the earned premium at the rates in force at the inception of the policy, in the same manner as the advance premium.

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- (7) If the company which insures the owned autos of the risk also insures the hired autos, the minimum premium is \$11 for \$30,000/60,000 bodily injury and \$6 for \$25,000 property damage liability. Otherwise, the minimum premium is the average applicable specified car rate.

Rule 35. PREMIUM DEVELOPMENT—ZONE RATED AUTOS

A. Except for light trucks and trailers used with light trucks, this Rule applies to trucks, tractors, and trailers regularly operated beyond a 200-mile radius from the street address of principal garaging.

★Premium Development

1. For vehicles principally garaged in North Carolina and regularly operate beyond a 200-mile radius.

When an auto is principally garaged in a regional zone and operates from terminals in that zone and in one or more metropolitan zones, the zone combination is the regional zone and the metropolitan zone farthest away.

In all other situations, the zone combination is the zone of principal garaging and the zone of the terminal (included in the auto's operations) farthest from that point.

A terminal is any point at which an auto regularly loads or unloads. It is not limited to a terminal facility which the insured owns and operates.

EXAMPLES:

The auto is principally garaged in Raleigh, North Carolina (regional zone 47) and its operations include terminals in Sacramento, California (regional zone 40) and Denver, Colorado (metropolitan zone 10). The proper zone combination is 47 and 10.

The auto is principally garaged in Raleigh, North Carolina (regional zone 47) and its operations include a terminal in Asheville, North Carolina (regional zone 47). The proper zone combination is 47.

The auto is principally garaged in Charlotte, North Carolina (metropolitan zone 5) and has terminals in Denver, Colorado (metropolitan zone 10) and Sacramento, California (regional zone 40). The proper zone combination is 5 and 40.

a. Determine the classification rating factor and class code as follows:

- (1) Determine whether the auto is classified as fleet or nonfleet according to the Trucks, Tractors, and Trailers Classifications Rule ([Rule 33](#)).
- (2) Determine the primary rating factor from the Trucks, Tractors, and Trailers Classifications Rule ([Rule 33](#)).
- (3) Determine the secondary classifications code from the Trucks, Tractors, and Trailers Classifications Rule ([Rule 33](#)).

b. Liability Coverages

- (1) Determine the liability base premiums for the zone combination from the [Zone Rating Table](#)—Garaged in North Carolina.
- (2) For fleets, multiply the base premiums by .70.
- (3) Multiply the base premium by the long distance rating factor from the primary classification table in the Trucks, Tractors, and Trailers Classifications Rule ([Rule 33](#)).

c. Medical Payments

(1) Trucks and Tractors

- (a) Determine the \$500 medical payments premium of the zone combination from the [Zone Rating Table](#)—Garaged in North Carolina.
- (b) Primary and secondary rating factors do not apply.
- (c) For limits not shown, refer to the Commercial [Auto Liability Rate schedules](#).

(2) Trailers

- (a) Determine the \$500 medical payments premium of the zone combination from the [Zone Rating Table](#)—Garaged in North Carolina.
- (b) Multiply the medical payments premium by the primary rating factor.
- (c) For limits not shown, refer to the Commercial [Auto Liability Rate schedules](#).

(3) Secondary rating factors do not apply.

d. Uninsured and Underinsured Motorists Insurance

- (1) Primary and secondary rating factors do not apply.
- (2) For rates, refer to the Uninsured and Underinsured Motorists Insurance Rule ([Rule 20](#)) in the Common Coverages Section of this Manual.

2. For vehicles principally garaged in states other than North Carolina and regularly operate beyond a 200-mile radius.

When a vehicle is principally garaged in a state other than North Carolina, only regional zones will be utilized. The zone combination is the regional zone of principal garaging and the regional zone of the terminal (included in the auto's operation) farthest from that point.

A terminal is any point at which an auto regularly loads or unloads. It is not limited to a terminal facility which the insured owns and operates.

EXAMPLE

The auto is principally garaged in Charleston, South Carolina (regional zone 47) and has terminals in Sacramento, California (regional zone 40). The proper zone combination is 47 and 40.

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a. Determine the classification rating factor and class code as follows:

- (1) Determine whether the auto is classified as fleet or nonfleet according to the Trucks, Tractors, and Trailers Classifications Rule ([Rule 33](#)).
- (2) Determine the primary rating factor from the Trucks, Tractors, and Trailers Classifications Rule ([Rule 33](#)).
- (3) Determine the secondary classifications code from the Trucks, Tractors, and Trailers Classifications Rule ([Rule 33](#)).

b. Liability Coverages

- (1) Determine the liability base premiums for the zone combination from the [Zone Rating Table](#)—Garaged in States Other than North Carolina.
- (2) For fleets, multiply the base premiums by .70.
- (3) Multiply the base premium by the long distance rating factor from the primary classification table in the Trucks, Tractors, and Trailers Classifications Rule ([Rule 33](#)).

c. Medical Payments

(1) Trucks and Tractors

- (a) Determine the \$500 medical payments premium of the zone combination from the [Zone Rating Table](#)—Garaged in States Other than North Carolina.
- (b) Primary and secondary rating factors do not apply.
- (c) For limits not shown, refer to the Commercial [Auto Liability Rate schedules](#).

(2) Trailers

- (a) Determine the \$500 medical payments premium of the zone combination from the [Zone Rating Table](#)—Garaged in States Other than North Carolina.
- (b) Multiply the medical payments premium by the primary rating factor.
- (c) For limits not shown, refer to the Commercial [Auto Liability Rate schedules](#).

(3) Secondary rating factors do not apply.

d. Uninsured and Underinsured Motorists Insurance

- (1) Primary and secondary rating factors do not apply.
- (2) For rates, refer to the Uninsured and Underinsured Motorists Insurance Rule ([Rule 20](#)) in the Common Coverages Section of this Manual. ❖

C. Long Distance Zone Definitions

Metropolitan Zones

01. ATLANTA Zone includes Clayton and Cobb Counties and Atlanta, Georgia territories.
02. BALTIMORE—WASHINGTON Zone includes Baltimore, Baltimore Suburban, and Outer Suburban, Montgomery County Suburban and Outer Suburban, and Prince Georges County Suburban and Outer Suburban, Maryland territories; the entire District of Columbia; and Alexandria City, Arlington, Falls Church City, and Arlington—Alexandria Suburban, Virginia territories.
03. BOSTON Zone includes all of Essex, Middlesex, Norfolk, and Suffolk, Massachusetts Counties.
04. BUFFALO Zone includes Erie County (Balance), Buffalo, Buffalo Semisuburban, Buffalo Suburban, Niagara Falls, and Niagara Falls Suburban, New York territories.
05. CHARLOTTE Zone includes Charlotte and all of Mecklenburg County, North Carolina territories.
06. CHICAGO Zone includes all of Cook and Du Page County territories, Lake County (Balance), Waukegan—North Chicago and all Chicago, Illinois territories; and East Chicago, Indiana territory.
07. CINCINNATI Zone includes Cincinnati, Dayton, and Hamilton—Middletown, Ohio; and Covington—Newport, Kentucky territories.
08. CLEVELAND Zone includes all of Geauga, Lorain, and Medina County territories, Portage County (excluding the village of Mogadore), all Cleveland and Painesville, Ohio territories.
09. DALLAS—FORT WORTH Zone includes all of Dallas and Tarrant, Texas Counties.
10. DENVER Zone includes Denver and North Central, Colorado territories.
11. DETROIT Zone includes all Detroit, Dearborn, and Pontiac, Michigan territories.
12. HARTFORD Zone includes all of Hartford and New Haven Counties and Bridgeport and Fairfield—Stratford, Connecticut territories.
13. HOUSTON Zone includes all of Chambers, Galveston, and Harris, Texas Counties.
14. INDIANAPOLIS Zone includes all of Marion County, Indiana territory.
15. JACKSONVILLE Zone includes all of Jacksonville, Florida territory.
16. KANSAS CITY Zone includes all of Kansas City, Kansas; and Independence and all Kansas City, Missouri territories.
17. LITTLE ROCK Zone includes all of Pulaski County, Arkansas territory.
18. LOS ANGELES Zone includes all of Los Angeles and Orange Counties and also Riverside and San Bernardino, California territories.
19. LOUISVILLE Zone includes all of Jefferson County, Kentucky; and New Albany and Jeffersonville, Indiana territories.

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- 20. MEMPHIS Zone includes all of Shelby County, Tennessee territory.
- 21. MIAMI Zone includes Miami and Miami Beach, Florida territories.
- 22. MILWAUKEE Zone includes Kenosha, Milwaukee Metropolitan, Semisuburban, and Suburban, and Racine, Wisconsin territories.
- 23. MINNEAPOLIS—ST. PAUL Zone includes Minneapolis Metropolitan and Suburban; and St. Paul Metropolitan and Suburban, Minnesota territories.
- 24. NASHVILLE Zone includes all of Davidson County, Tennessee territory.
- 25. NEW ORLEANS Zone includes all of New Orleans, Louisiana territory.
- 26. NEW YORK CITY Zone includes all of New York City, Nassau, and Westchester, New York Counties; all of Bergen, Essex, and Hudson Counties, Elizabeth, New Brunswick, Perth Amboy, and Plainfield, New Jersey territories; and Darien—Greenwich and Stamford, Connecticut territories.
- 27. OKLAHOMA CITY Zone includes all of Oklahoma County, Oklahoma territory.
- 28. OMAHA Zone includes all of Douglas and Sarpy, Nebraska Counties; and Council Bluffs, Iowa territory.
- 29. PHOENIX Zone includes Mesa—Tempe and Phoenix, Arizona territories.
- 30. PHILADELPHIA Zone includes Bucks County (Balance), Chester County (Balance), Delaware County (Balance), Montgomery County (Balance), Allentown—Bethlehem, and all Philadelphia, Pennsylvania territories; Wilmington, Delaware; and Camden, Camden Suburban, and Trenton, New Jersey territories.
- 31. PITTSBURGH Zone includes all of Allegheny and Beaver Counties, Pennsylvania territories.
- 32. PORTLAND Zone includes all of Portland, Portland Semisuburban, and Portland Suburban, Oregon; and Vancouver, Washington territories.
- 33. RICHMOND Zone includes all of Richmond, Virginia territory.
- 34. ST. LOUIS Zone includes all of St. Louis County, Missouri; and East St. Louis, Illinois territories.
- 35. SALT LAKE CITY Zone includes all of Salt Lake City County, Utah territory.
- 36. SAN FRANCISCO Zone includes all of Alameda, Contra Costa, Marin, San Francisco, San Mateo, and Santa Clara, California Counties.
- 37. TULSA Zone includes all of Tulsa, Oklahoma territory.

Regional Zones

- 40. PACIFIC COAST Zone includes the states of California (excluding Los Angeles and San Francisco Zones), Oregon (excluding Portland Zone), and Washington (excluding Portland Zone).
- 41. MOUNTAIN Zone includes the states of Arizona, (excluding Phoenix Zone), Colorado (excluding

Denver Zone), Idaho, Montana, Nevada, New Mexico, Utah (excluding Salt Lake City Zone), and Wyoming.

- 42. MIDWEST Zone includes the states of Iowa (excluding Omaha Zone), Kansas (excluding Kansas City Zone), Missouri (excluding Kansas City and St. Louis Zones), Minnesota (excluding Minneapolis—St. Paul Zone), Nebraska (excluding Omaha Zone), North Dakota, South Dakota, and Wisconsin (excluding Milwaukee Zone).
- 43. SOUTHWEST Zone includes the states of Arkansas (excluding Little Rock Zone), Oklahoma (excluding Oklahoma City and Tulsa Zones), and Texas (excluding Dallas—Fort Worth and Houston Zones).
- 44. NORTH CENTRAL Zone includes the states of Illinois (excluding Chicago and St. Louis Zones), Indiana (excluding Chicago, Indianapolis, and Louisville Zones), Ohio (excluding Cincinnati and Cleveland Zones), and Michigan (excluding Detroit Zone).
- 45. MIDEAST Zone includes the states of Kentucky (excluding Cincinnati and Louisville Zones), Tennessee (excluding Memphis and Nashville Zones), and West Virginia.
- 46. GULF Zone includes the states of Alabama, Louisiana (excluding New Orleans Zone), and Mississippi.
- 47. SOUTHEAST Zone includes the states of Florida (excluding Jacksonville and Miami Zones), Georgia (excluding Atlanta Zone), North Carolina (excluding Charlotte Zone), South Carolina, and Virginia (excluding Baltimore—Washington and Richmond Zones).
- 48. EASTERN Zone includes the states of Delaware (excluding Philadelphia Zone), Maryland (excluding Baltimore—Washington Zone), New York (excluding Buffalo and New York City Zones), New Jersey (excluding New York City and Philadelphia Zones), and Pennsylvania (excluding Philadelphia and Pittsburgh Zones).
- 49. NEW ENGLAND Zone includes the states of Connecticut (excluding Hartford and New York City Zones), Maine, Massachusetts (excluding Boston Zone), New Hampshire, Rhode Island, and Vermont.

D. Zone Rating Tables Are Located in the Commercial Automobile Liability Rates Section

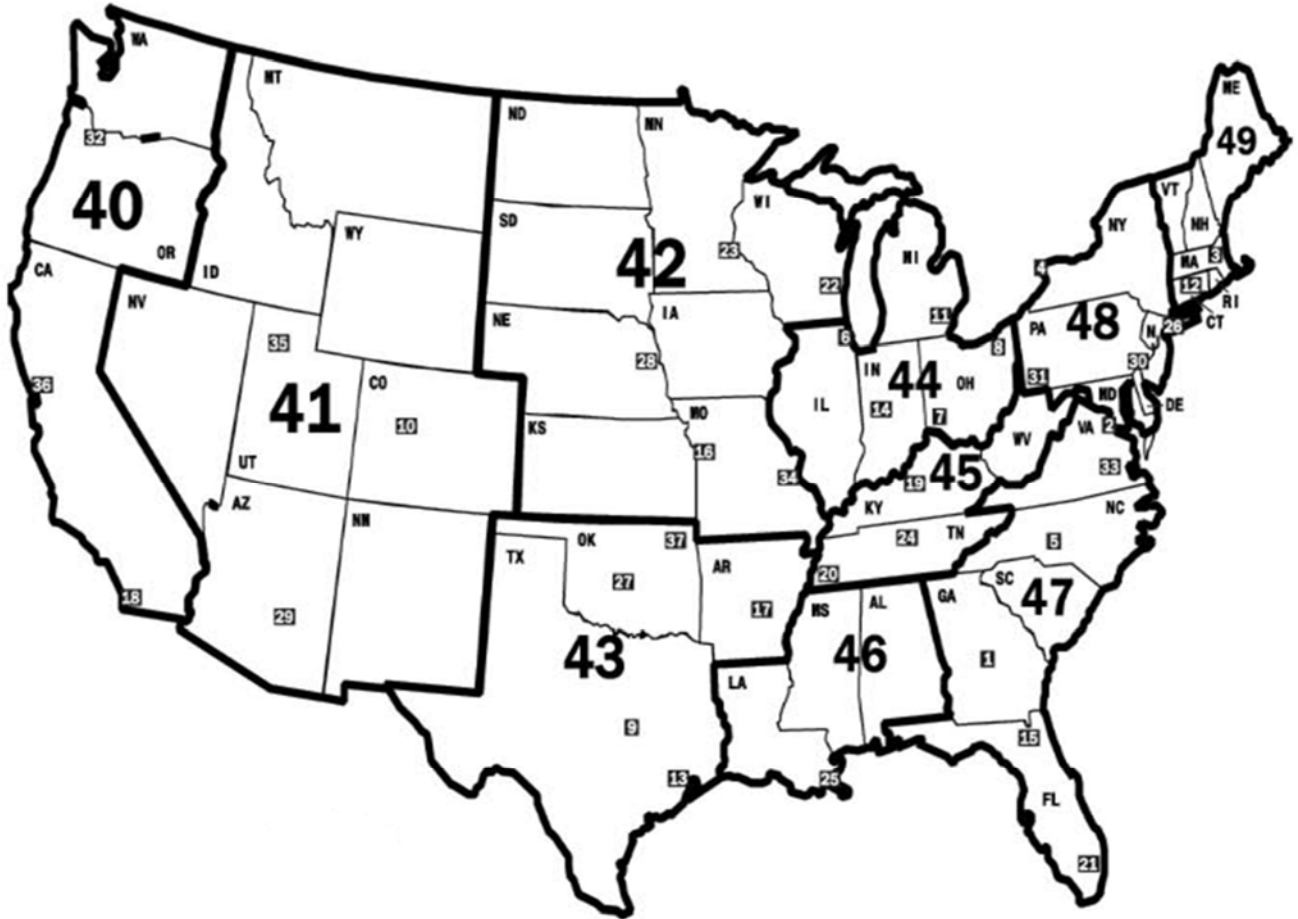
★For liability the following tables include the zone or combination zone base premiums.

KEY TO ZONE RATING TABLES									
The liability premiums are displayed as follows:									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Liability</th> </tr> </thead> <tbody> <tr> <td style="text-align: right;">\$400 BI</td> <td></td> </tr> <tr> <td style="text-align: right;">300 PD</td> <td></td> </tr> <tr> <td style="text-align: right;">70 MP</td> <td></td> </tr> </tbody> </table>	Liability		\$400 BI		300 PD		70 MP	
Liability									
\$400 BI									
300 PD									
70 MP									
\$30,000/60,000 Bodily Injury									
\$25,000 Property Damage									
\$500 Medical Payments									



LONG DISTANCE ZONE MAP

This map is for reference purposes only.



Rules 36–40. RESERVED FOR FUTURE USE

NOTES

**NORTH CAROLINA REINSURANCE FACILITY
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PUBLIC TRANSPORTATION SECTION**

NOTES

NORTH CAROLINA REINSURANCE FACILITY
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PUBLIC TRANSPORTATION SECTION

Rule 41. ELIGIBILITY

This Section applies to autos registered or used for the transportation of members of the public.

When the coverage form insures public autos, use Public Transportation Autos Endorsement CA 24 02 to amend the care, custody, or control exclusion.

**Rule 42. PREMIUM DEVELOPMENT—
OTHER THAN ZONE RATED
AUTOS**

A. This Rule applies to

1. all taxis, limousines, school, church, and urban buses, and van pools;
2. all other public autos which regularly operate within a 200-mile radius from the street address of principal garaging. For those autos regularly operated beyond a 200-mile radius, refer to the Premium Development—Zone Rated Autos Rule (Rule 44).

B. Determine the classification rating factor and class code as follows:

1. Determine whether the risk is classified as fleet or nonfleet according to the Public Auto Classifications Rule (Rule 43).
2. Determine the primary rating factor from the Public Auto Classifications Rule (Rule 43) based on use class and radius class. For van pools, the rating factor is based on seating capacity.
3. Except for taxicabs, van pools, and limousines (other than airport limousines), determine the secondary rating factor, if any, from the Public Auto Classifications Rule (Rule 43) based on the seating capacity.
4. Determine the combined rating factor by adding the secondary rating factor to, or subtracting it from, the primary rating factor.

C. Premium Computation

1. ★For public autos operated the greatest percentage of time in North Carolina:
 - a. Determine the rating territory for each public auto from the territory definitions based on the territory where the public auto is operated the greatest percentage of the time. ❖
 - b. Liability and Medical Payments Coverages
 - (1) Determine the fleet or nonfleet base premiums on the state rate schedules.
 - (2) Multiply the base premium by the combined rating factor.
 - c. Uninsured and Underinsured Motorists Coverage
 - (1) Primary and secondary rating factors do not apply.
 - (2) Refer to the Uninsured and Underinsured Motorists Insurance Rule (Rule 20) in the Common Coverages Section of this Manual.

d. Special Provisions

- (1) If a truck, tractor, or trailer is rated as public auto, determine the seating capacity from the size class as follows:

Size Class	Seating Capacity
Light	1–8
Medium	9–20
Heavy	21–60
Extra Heavy	Over 60

- (2) If a bus is rated at truck, tractor, or trailer rates, determine the size class from the seating capacity:

Seating Capacity	Size Class
1–8	Light
9–20	Medium
21–60	Heavy
Over 60	Extra Heavy

- (3) ★For a unit that combines a motorized auto with one or more trailers or semitrailers, charge according to the gross combined vehicle weight rating and refer to paragraph d.(1) above.

2. For public autos operated the greatest percentage of the time in states other than North Carolina:

a. Liability and Medical Payments Coverages

- (1) Determine the fleet or nonfleet base premiums on the state rate schedules for the state in which the public auto is operated the greatest percentage of the time.
- (2) Multiply the base premium by the combined rating factor.

b. Uninsured and Underinsured Motorists Insurance

- (1) Primary and secondary rating factors do not apply.
- (2) Refer to the Uninsured and Underinsured Motorists Insurance Rule (Rule 20) in the Common Coverages Section of this Manual.

c. Special Provisions

- (1) If a truck, tractor, or trailer is rated as public auto, determine the seating capacity from the size as follows:

Size Class	Seating Capacity
Light	1–8
Medium	9–20
Heavy	21–60
Extra Heavy	Over 60

- (2) If a bus is rated at truck, tractor, or trailer rates, determine the size class from the seating capacity:

Seating Capacity	Size Class
1–8	Light
9–20	Medium
21–60	Heavy
Over 60	Extra Heavy

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- (3) For a unit that combines a motorized auto with one or more trailers or semitrailers, charge according to the gross combined vehicle weight rating and refer to paragraph c.(1) above. ❖

Rule 43. PUBLIC AUTO CLASSIFICATIONS

Classify public autos as follows:

- A. If an auto has more than one use, use the highest rated classification unless 80% of the use is in a lower rated activity. In that case, use the lower rated classification.
- B. **Fleet—Nonfleet Classification**
1. Classify as fleet the autos of any risk that has five or more self-propelled autos of any type that are under one ownership. Do not include autos owned by allied or subsidiary interests unless the insured holds a majority financial interest.
 2. Do not include mobile equipment insured on a general liability policy in determining if the risk is a fleet.
 3. Do not include trailers in determining if the risk is a fleet, but apply the fleet classification to the trailers if the risk otherwise is classified as a fleet.
 4. Classify the autos of any other risk as nonfleet.
 5. Do not change the fleet or nonfleet classification because of midterm changes in the number of owned autos except at the request of the insured. The policy must be cancelled and rewritten in accordance with the Cancellation Rule (Rule 10).
- C. **Seating Capacity**
1. Use the seating capacity specified by the manufacturer of the auto unless a public authority rules otherwise.
 2. Do not include the driver's seat when determining seating capacity.
- D. **Primary Classifications**
1. Radius Class—Determine radius on a straight line from the street address of principal garaging.
 - a. Local—up to 50 miles—The auto is not regularly operated beyond a radius of 50 miles from the street address where such auto is principally garaged.
 - b. Intermediate—51 to 200 miles—The auto is operated beyond a radius of 50 miles but not regularly beyond a radius of 200 miles from the street address where such auto is principally garaged.
 - c. Long distance—over 200 miles—The auto is operated regularly beyond a 200-mile radius from the street address where such auto is principally garaged. Apply zone rates for all autos other than taxis, limousines, school, church, and urban buses, and van pools.
 2. Use Class
 - a. Taxicab or Similar Passenger Carrying Service—A metered or unmetered auto with a seating capacity of eight or less that is operated for hire by the named insured or an employee, but does not pick up, transport, or discharge passengers along a route.
 - b. Limousine—An unmarked auto with a seating capacity of eight or less that is operated for hire by the named insured or an employee and used on a prearranged basis for special or business functions, weddings, funerals, or similar purposes. For autos with a seating capacity of nine or more, refer to public autos not otherwise classified.
 - c. School Bus—An auto that carries students or other persons to and from school, or in any school activity including games, outings, and similar school trips.
 - (1) Separate codes and rating factors apply to the following:
 - (a) School buses owned by political subdivisions or school districts
 - (b) All others including independent contractors, private schools, and church owned buses
 - (2) A policy covering a school bus may be written on an annual term for liability coverages with premium prorated to reflect the actual school term. However, do not give credit for Saturdays, Sundays, or holidays or for any other periods of lay-up during the school term.
 - (3) If a publicly owned school bus is used for special trips unrelated to school activities, refer to company for the additional charge.
 - d. Church Bus—An auto used by a church to transport persons to or from services and other church related activities. This classification does not apply to public autos used primarily for daily school activities.
 - e. Intercity Bus—An auto that picks up and transports passengers on a published schedule of stops between stations located in two or more towns or cities.
 - f. Urban Bus—An auto that picks up, transports, and discharges passengers at frequent local stops along a prescribed route. This classification applies only to vehicles operated principally within the limits of a city or town and communities contiguous to such city or town, and includes scheduled express service between points on that route.
 - g. Airport Bus or Airport Limousine—An auto for hire that transports passengers between airports and other passenger stations or motels.
 - h. Charter Bus—An auto chartered for special trips, touring, picnics, outings, games, and similar uses.
 - i. Sightseeing Bus—An auto accepting individual passengers for a fare for sightseeing or guided tours, making occasional stops at certain points of interest and returning the passengers to the point of origin.
 - j. Transportation of Athletes and Entertainers—An auto owned by a group, firm, or organization

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- that transports its own professional athletes, musicians, or other entertainers.
- (1) If it is used to transport other professional athletes or entertainers, rate as a charter bus.
 - (2) An auto owned by a group, firm, or organization to transport its own nonprofessional athletes, musicians, or entertainers, rate as a public auto not otherwise classified.
- k. Van Pools—An auto of the station wagon, van truck, or bus type used to provide prearranged commuter transportation for employees to and from work and is not otherwise used to transport passengers for a charge.
- (1) Employer Furnished Transportation. Transportation is held out by the employer as an inducement to employment, a condition of employment, or is incident to employment.
 - (a) Employer Owned Autos—Autos owned, or leased for one year or more, by an employer and used to provide transportation only for his employees.
 - (b) Employee Owned Autos—Autos owned, or leased for one year or more, by an individual employee and used to provide transportation only for fellow employees of his employer.
 - (2) All Other. Autos which do not meet the eligibility requirements of paragraph (1) above.
- l. Transportation of Employees—Other than Van Pools—Autos of any type used to transport employees other than in van pools.
- (1) Autos owned, or leased for one year or more, by an employer and used to transport only his own employees.
 - (a) Private Passenger Autos—Charge rates shown on the state rate schedules for private passenger types (Class Code 5851).
 - (b) All Other Autos—Rate as a van pool—all other (Class Code 5851).
 - (2) Autos owned, or leased for one year or more, by a person or organization who is in the business of transporting employees of one or more employers. Rate as public auto not otherwise classified.
- m. Social Service Agency Auto
- An auto used by a government entity, civic, charitable, or social service organization to provide transportation to clients incident to the social services sponsored by the organization, including special trips and outings.
- (1) This classification includes, for example, autos used to transport the following:
 - (a) Senior citizens or other clients to congregate meal centers, medical facilities, social functions, shopping centers
 - (b) Handicapped persons to work or rehabilitative programs
 - (c) Children to day care centers, Head Start programs
 - (d) Boy Scout or Girl Scout groups to planned activities.
 - (2) The following autos are eligible for this classification:
 - (a) Autos owned, or leased for one year or more, by the social service agency
 - (b) Autos donated to the social service agency, without a driver
 - (c) Autos hired under contract by the social service agency. This does not apply to a subcontractor or any individual that has not executed a contract with a social service agency.
 - (3) If an auto has more than one use, use the highest rated classification unless 80% of the use is in a lower rated activity. In that case, use the lower rated classification.
 - (4) Separate codes and rating factors apply to the following:
 - (a) Employee-Operated Autos—Autos operated by employees of the social service agency. If a social service auto is also operated by volunteer drivers or other nonagency employees, use the all other classification unless 80% of the use is by agency employees.
 - (b) All Other—Autos which do not meet the requirements of paragraph (a).
 - (5) Excess liability coverage may be provided to cover autos not owned or licensed by the agency while being used in its social service transportation activities. This coverage may be extended to cover the agency's liability only or the liability of both the agency and, on a blanket basis, the individual liability of agency employees or volunteer donors or owners of the autos. For autos hired, loaned, leased, or furnished, refer to the Hired Autos Rule (Rule 17). For all other nonowned autos, refer to the Nonownership Rule (Rule 16).
- n. Public Auto not Otherwise Classified—This classification includes, but is not limited to, autos such as country club buses, cemetery buses, real estate development buses, courtesy buses run by hotels, day care facility buses, and limos with a seating capacity of nine or more.
- o. See Primary Classifications—Rating Factors and Classification Designators tables.
- E. Secondary Classifications**
- These classifications do not apply to taxicabs, limousines (except airport limousines), van pools, and zone rated autos.

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	Secondary Factor to Be Combined with Primary Factor		Code to Be Inserted in 4th Digit of Classification Code
	School Buses and Church Buses	Other Buses	
Seating Capacity of 1 to 8	.00	-.20	1
Seating Capacity of 9 to 20	+.10	-.15	2
Seating Capacity of 21 to 60	+.25	+.15	3
Seating Capacity of over 60	+.50	+.40	4
All Other—not Secondary Rated			9

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FLEET
PRIMARY CLASSIFICATIONS—RATING FACTORS AND CLASSIFICATION DESIGNATORS

Taxicabs and Limousines		Radius		
		Local Up to 50 Miles	Intermediate 51 to 200 Miles	Long Distance Over 200 Miles
		Liability	Liability	Liability
Taxicab or Similar	Factor	1.00	1.15	1.25
Passenger Carrying Service	Code	4189	4199	4109
Limousine	Factor	.40	.45	.50
	Code	4289	4299	4209

School Buses and Church Buses				
School Bus Owned by Political	Factor	1.20	1.40	1.50
Subdivision or School District	Code	618—	619—	610—
Other	Factor	1.50	1.75	1.90
School Bus	Code	628—	629—	620—
Church	Factor	1.00	1.15	1.25
Bus	Code	638—	639—	630—

Other Buses			
Urban	Factor	.80	.90
Bus	Code	518—	519—

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Airport Bus or Airport	Factor	.70	.80	1.10
Limousine	Code	528—	529—	5209
Intercity	Factor	1.05	1.20	1.85
Bus	Code	538—	539—	5309
Charter	Factor	1.00	1.15	1.85
Bus	Code	548—	549—	5409
Sightseeing	Factor	.75	.85	1.65
Bus	Code	558—	559—	5509
Trans. of Athletes	Factor	.45	.50	1.00
and Entertainers	Code	568—	569—	5609
Social Service Auto	Factor	.55	.65	.95
Employee-Operated	Code	648—	649—	6409
Social Service Auto	Factor	.50	.60	.95
All Other	Code	658—	659—	6509
Bus NOC	Factor	.55	.65	.95
	Code	588—	589—	5809

Van Pools		Seating Capacity			
		1 to 8	9 to 20	21 to 60	Over 60
		Liability	Liability	Liability	Liability
Employer	Factor	1.00	1.05	1.10	1.50
Furnished	Code	4111	4112	4113	4114
All	Factor	1.10	1.15	1.35	1.75
Other	Code	4121	4122	4123	4124

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**NONFLEET
PRIMARY CLASSIFICATIONS—RATING FACTORS AND CLASSIFICATION DESIGNATORS**

Taxicabs and Limousines		Radius		
		Local Up to 50 Miles	Intermediate 51 to 200 Miles	Long Distance Over 200 Miles
		Liability	Liability	Liability
Taxicab or Similar Passenger Carrying Service	Factor Code	1.00 4159	1.15 4169	1.25 4179
Limousine	Factor Code	.40 4259	.45 4269	.50 4279

School Buses and Church Buses				
School Bus Owned by Political Subdivision or School District	Factor Code	1.20 615—	1.40 616—	1.50 617—
Other School Bus	Factor Code	1.50 625—	1.75 626—	1.90 627—
Church Bus	Factor Code	1.00 635—	1.15 636—	1.25 637—

Other Buses			
Urban Bus	Factor Code	.80 515—	.90 516—

ZONE RATED

Airport Bus or Airport Limousine	Factor Code	.70 525—	.80 526—	1.10 5279
Intercity Bus	Factor Code	1.05 535—	1.20 536—	1.85 5379
Charter Bus	Factor Code	1.00 545—	1.15 546—	1.85 5479
Sightseeing Bus	Factor Code	.75 555—	.85 556—	1.65 5579
Trans. of Athletes and Entertainers	Factor Code	.45 565—	.50 566—	1.00 5679
Social Service Auto Employee-Operated	Factor Code	.55 645—	.65 646—	.95 6479
Social Service Auto All Other	Factor Code	.50 655—	.60 656—	.95 6579
Bus NOC	Factor Code	.55 585—	.65 586—	.95 5879

Van Pools		Seating Capacity			
		1 to 8	9 to 20	21 to 60	Over 60
		Liability	Liability	Liability	Liability
Employer Furnished	Factor Code	1.00 4111	1.05 4112	1.10 4113	1.50 4114
All Other	Factor Code	1.10 4121	1.15 4122	1.35 4123	1.75 4124

**Rule 44. PREMIUM DEVELOPMENT—ZONE
RATED AUTOS**

A. This Rule applies to all public autos, other than taxis, limousines, school, church, and urban buses, or van pools, which regularly operate beyond a 200-mile radius from the street address of principal garaging.

B. ★Premium Development

1. For vehicles principally garaged in North Carolina and regularly operate beyond a 200-mile radius.

Use the long distance zone definitions in the Trucks, Tractors, and Trailers Section.

When an auto is principally garaged in a regional zone and operates in that zone and in one or more metropolitan zones, the zone combination is the regional zone and the metropolitan zone farthest away.

In all other situations, the zone combination is the zone of principal garaging and the zone included in the auto's operations farthest from that point.

EXAMPLES:

The auto is principally garaged in Raleigh, North Carolina (regional zone 47) and operates in Sacramento, California (regional zone 40) and Denver, Colorado (metropolitan zone 10). The proper zone combination is 47 and 10.

The auto is principally garaged in Raleigh, North Carolina (regional zone 47) and operates in Asheville, North Carolina (regional zone 47). The proper zone combination is 47.

The auto is principally garaged in Charlotte, North Carolina (metropolitan zone 5) and operates in Denver, Colorado (metropolitan zone 10) and Sacramento, California (regional zone 40). The proper zone combination is 5 and 40.

a. Determine the classification rating factor and class code as follows:

- (1) Determine whether the auto is classified as fleet or nonfleet according to the Public Auto Classifications Rule ([Rule 43](#)).
- (2) Determine the primary rating factor from the Public Auto Classifications Rule ([Rule 43](#)).
- (3) Secondary rating factors do not apply.

b. Liability and Medical Payments Coverages

- (1) Determine the liability base premiums for the zone combination from the trucks, tractors, and trailers [Zone Rating Table](#)—Garaged in North Carolina.
- (2) Multiply the base premium by the primary rating factor.

c. Uninsured and Underinsured Motorists Insurance

- (1) Primary and secondary rating factors do not apply.
- (2) Refer to the Uninsured and Underinsured Motorists Insurance Rule ([Rule 20](#)) in the

Common Coverages Section of this Manual.

2. For vehicles principally garaged in states other than North Carolina and regularly operate beyond a 200-mile radius.

Use the long distance zone definitions in the Trucks, Tractors, and Trailers Section.

When an auto is principally garaged in a state other than North Carolina, only regional zones will be utilized. The zone combination is the regional zone of principal garaging and the regional zone (included in the auto's operation) farthest from that point.

EXAMPLE:

The auto is principally garaged in Charleston, South Carolina (regional zone 47) and operates in Sacramento, California (regional zone 40). The proper zone combination is 47 and 40.

a. Determine the classification rating factor and class code as follows:

- (1) Determine whether the auto is classified as fleet or nonfleet according to the Public Autos Classifications Rule ([Rule 43](#)).
- (2) Determine the primary rating factor from the Public Auto Classifications Rule ([Rule 43](#)).
- (3) Secondary rating factors do not apply.

b. Liability Coverages and Medical Payments Coverage

- (1) Determine the base premiums for the zone combination from the trucks, tractors, and trailers [Zone Rating Table](#)—Garaged in States Other than North Carolina.
- (2) Multiply the base premium by the primary rating factor.

c. Uninsured and Underinsured Motorists Insurance

- (1) Primary and secondary rating factors do not apply.
- (2) Refer to the Uninsured and Underinsured Motorists Insurance Rule ([Rule 20](#)) in the Common Coverages Section of this Manual. ❖

**Rule 45. TRANSPORTATION OF SEASONAL
OR MIGRANT FARM WORKERS BY
FARM LABOR CONTRACTORS**

A. This Rule applies only to autos of a farm labor contractor required to be registered in accordance with the Migrant And Seasonal Agricultural Worker Protection Act, 29 U.S.C.A. Section 1801 et. seq., because of the transportation of migrant workers. Use Transportation of Seasonal or Migrant Agricultural Workers Endorsement CA 24 01.

B. Passenger Hazard Included (Class Code 5926)

Multiply the nonfleet intercity bus liability base premium for the highest rated territory in which or through which

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the auto will be customarily operated for the transportation of migrant workers by .50.

C. Passenger Hazard Excluded (Class Code 5927)

Coverage for the passenger hazard may be excluded if the farm labor contractor can furnish proof to the Department of Labor that he has other means of protection for migrant workers.

Multiply the nonfleet intercity bus liability base premium by .375.

D. If a vehicle insured under this Rule is of a truck type, rate as a vehicle of 21–60 seating capacity in accordance with this Rule.

Rules 46–50. RESERVED FOR FUTURE USE

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Rule 51. AUTO DEALERS—ELIGIBILITY

A. This Section applies to franchised and nonfranchised auto dealers and trailer dealers.

B. Classifications and Codes

Only one classification and code apply to a risk.

Classification	Limited Customer Coverage	Unlimited Customer Coverage
Franchised private passenger auto dealer (with or without any other type of franchise)	7301	7302
Franchised truck or truck-tractor dealer (with or without any other type of franchise except private passenger auto franchise)	7311	7312
Franchised motorcycle dealer including all two-wheeled cycle vehicles (no private passenger or truck franchise)	7321	7322
Franchised recreational vehicle dealer (no private passenger, snowmobile, or residence type mobile home trailer franchise)	7331	7332
Other franchised self-propelled land motor vehicle dealer	7341	7342
Nonfranchised dealer (any risk described above that is not a franchised dealer)	7351	7352
Franchised and nonfranchised residence trailer dealers	7344	7345
Franchised and nonfranchised commercial trailer dealers	7354	7355
Equipment and implement dealer (no other franchise)	Refer to rules for general liability Insurance.	

Rule 52. AUTO DEALERS—PREMIUM DEVELOPMENT

For each location, determine the rating territory from the territory definitions based on the street address.

Compute the advance premium at inception and the earned premium as developed by audit separately for each location according to the following procedures:

A. Limited Liability Coverage for Customers

1. All Risks Other than Franchised and Nonfranchised Trailer Dealers

Multiply the rates on the state rate schedules by the total rating units determined as follows:

a. Class I—Employees Including Part-Time Employees

Multiply the number of Class I employees working an average of less than 20 hours a week for the number of weeks worked by .50 before determining the number of rating units.

(1) Determine the number of rating units by multiplying the number of these employees by 1.00:

(a) Proprietors, partners, and officers active in the business

(b) Sales persons, general managers, service managers

(c) Any employee whose principal duty involves the operation of autos or who is furnished a garage auto

(2) For all other employees, determine the number of rating units by multiplying the number of these employees by .40.

b. Class II—Nonemployees

Any individual other than a person described in Class I who is regularly furnished with a dealer's auto. If more than one person has use of the same furnished auto, count as only one operator in determining rating units. Determine the number of rating units by multiplying the number of these persons by .55.

2. Franchised and Nonfranchised Trailer Dealers

Multiply the rates in the state rate schedules by the total number of employees, then multiply the result by .45.

3. Minimum Premium

The minimum policy premium is the dealer's rate shown on the state rate schedules for the highest rated location multiplied by 2.00.

B. Unlimited Liability Coverage for Customers

1. Liability coverage may be extended to provide unlimited customer coverage.

2. Multiply the total premium developed for the limited liability by 1.25.

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C. Autos Furnished for Regular Use

Autos furnished for regular use to other than Class I or Class II operators, for example welcome wagons, or autos furnished to driver training programs. Compute the premiums for all coverages for each owned auto as follows:

1. Private passenger autos (Class Code 7877).
Charge private passenger type premiums.
2. Trucks, tractors, and trailers (Class Code 7878).
Charge the premiums developed by the applicable trucks, tractors, or trailers classification.

D. Pick Up or Delivery of Autos (Class Code 7070)

1. If the exposure for nonfranchised dealer includes the pick up or delivery of autos beyond a 50-mile radius of the limits of the city or town where operations are conducted, rate each driver per trip for such pick up or delivery operations as follows:

Per Driver Trip Rates		
Mileage	Bodily Injury \$30/60	Property Damage \$25
51–200 miles	\$3	\$1
Over 200 miles	5	2

2. The minimum premium is the private passenger types premium for the rating territory where the dealer is located.

E. Medical Payments

Use Auto Medical Payments Coverage Endorsement CA 99 03 to provide auto medical payments insurance.

Use Garage Locations And Operations Medical Payments Coverage Endorsement CA 25 05 to provide garage locations and operations medical payments insurance.

1. Proprietors and executive officers. When auto dealers are insured for liability but not auto medical payments, the following provisions apply:
 - a. A proprietor or executive officer may be afforded medical payments provided that person is included in the total number of rating units that determines the liability premium. Multiply the private passenger types medical payments premium by 2.00 for each person. Use the rating territory where the dealer is located.
 - b. Medical payments may also be afforded to the spouse of a proprietor or executive officer or relatives of either if residents of the same household. Charge the private passenger types medical payments premium for each person. Use the rating territory where the dealer is located.
2. Individual proprietors. Provide drive other car medical payments insurance at no additional charge if the dealer has auto medical payments coverage.

Use Individual Named Insured—Dealers Only Endorsement CA 99 18.

3. Auto Exposure, Garage Operations, or Combined Garage Operations and Auto Exposure

- a. Multiply the \$30,000/60,000 bodily injury liability premium by the factors from the applicable table.

- (1) Medical payments with unlimited liability coverage

Limit Codes	Medical Payments Limit per Person			
	\$500 (1)	\$750 (2)	\$1,000 (3)	\$2,000 (4)
Auto (a)	.094	.100	.108	.127
Gar. Operations (b)	.023	.025	.027	.029
Combined (c)	.117	.125	.136	.157

- (2) Medical payments with limited liability coverage

Limit Codes	Medical Payments Limit per Person			
	\$500 (1)	\$750 (2)	\$1,000 (3)	\$2,000 (4)
Auto (a)	.098	.105	.115	.134
Gar. Operations (b)	.025	.027	.029	.031
Combined (c)	.124	.131	.144	.165

For the purpose of paragraphs 3.a.(1) and 3.a.(2) above, the rating categories are as follows:

- (a) Auto medical payments only
- (b) Garage operations medical payments only
- (c) Combined garage operations and auto medical payments
 - b. When the bodily injury liability limits are other than \$30,000/60,000, compute the medical payments factor as follows:

$$\frac{\text{Medical payments percentage for } \$30,000/60,000 \text{ limit}}{\text{Applicable factor for increased limit}} \div$$

F. Uninsured Motorists Insurance

Refer to the Uninsured and Underinsured Motorists Insurance Rule (Rule 20) in the Common Coverages Section of this Manual.

Rule 53. AUTO DEALERS—ADDITIONAL PROVISIONS

A. \$100 Deductible for Completed Operations (Class code 7072)

To eliminate the \$100 deductible that applies to property damage to autos arising out of work completed by the named insured, charge an additional .10 of the property damage liability premium.

Use \$100 Dollar Deductible For Completed Operations Does Not Apply Endorsement CA 03 03.

The minimum premium is \$20 (Class Code 7072).

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B. Broad Form Products (Class Code 7070)

The exclusion relating to property damage to the named insured's products may be eliminated subject to a \$250 deductible per accident. Multiply the property damage liability premium by .10.

Use Broad Form Products Coverage Endorsement CA 25 01.

C. Pollution Exclusion—Garages

A Garage Policy may be endorsed to exclude bodily injury or property damage arising out of any discharge of

pollutants with the exception of bodily injury or property damage arising out of the ownership, maintenance, or use of covered autos and certain off-premises discharges.

When Endorsement CA 25 16 is attached, document company files showing that the Endorsement is needed for the particular risk. Give the insured written notice of coverage change at least 15 days prior to the effective date of the renewal, with a copy to the agent. Do not attach the Endorsement midterm.

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Rule 54. AUTO DEALERS—ELIGIBILITY

A. Eligibility

1. This Rule applies to franchised and nonfranchised auto dealers and trailer dealers. For details of coverage, refer to Auto Dealers Coverage Form CA 00 25.
2. You must attach the following endorsements to the policy:
 - a. Exclusion—Damage To Rented Premises Endorsement **CA 25 50**
 - b. Exclusion—Newly Acquired Or Formed Auto Dealership Endorsement **CA 25 53**
 - c. Exclusion—Personal And Advertising Injury Liability Coverage Endorsement **CA 25 54**
3. Acts, errors or omissions liability coverages premiums cannot be ceded to the North Carolina Reinsurance Facility.

B. Classifications and Codes

Only one classification and code applies to a risk:

Classification	Full Covered Autos Liability Limit for Customers Coverage	Without Full Covered Autos Liability Limit for Customers Coverage
Franchised private passenger auto dealer (with or without any other type of franchise)	7304	7305
Franchised truck or truck-tractor dealer (with or without any other type of franchise except private passenger auto franchise)	7314	7315
Franchised motorcycle dealer including all two-wheeled cycle vehicles (no private passenger or truck franchise)	7324	7325

Classification	Full Covered Autos Liability Limit for Customers Coverage	Without Full Covered Autos Liability Limit for Customers Coverage
Franchised recreational vehicle dealer (no private passenger, snowmobile, or residence type mobile home trailer franchise)	7334	7335
Other franchised self-propelled land motor vehicle dealer	7347	7348
Nonfranchised dealer (any risk described above that is not a franchised dealer)	7357	7358
Franchised and nonfranchised residence trailer dealers	7361	7362
Franchised and nonfranchised commercial trailer dealers	7363	7364
Equipment and implement dealer (no other franchise)	7365	7366

Rule 55. AUTO DEALERS—PREMIUM DEVELOPMENT FOR COMMON COVERAGES

Determine the rating territory from the territory definitions based on the street address for each location.

Compute the advance premium at inception and the earned premium as developed by audit separately for each location according to the following rating procedures applicable to coverage offered under the Auto Dealers Coverage Form CA 00 25.

Where the rules applicable to auto dealers refer to base premiums, this consists of the rates shown on the state rate

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schedules as modified by the rating procedures described in the following paragraphs.

A. Rating Unit Determination

1. All Risks Other than Franchised and Nonfranchised Trailer Dealers

Add the results of paragraphs A.1.a and A.1.b to determine the total number of rating units.

a. Class I—Employees

Class I rating units include individuals employed by the auto dealership. Do not include any employees whose principal duty is regularly operating tow trucks which are rated on a specified auto basis.

- (1) Determine the number of the following employees:
 - (a) Proprietors, partners, and officers active in the business
 - (b) Salespersons, general managers, service managers
 - (c) Any employee whose principal duty involves the operation of autos or who is furnished a covered auto
- (2) Multiply the number of these employees working an average of at least 20 hours or more a week by the following factor:

Factor

1.00

- (3) Multiply the number of these employees working an average of less than 20 hours a week by the following factor:

Factor

.50

- (4) Determine the number of all other employees not included in paragraph (1).
- (5) Multiply the number of these employees working an average of at least 20 hours a week by the following factor:

Factor

.40

- (6) Multiply the number of all other employees working an average of less than 20 hours a week by the following factor:

Factor

.20

- (7) Add the result of paragraphs A.1.a.(2) through (6) to determine the number of Class I risks.

b. Class II—Nonemployees

- (1) Class II rating units include any of the following persons who are regularly furnished with a covered auto:

- (a) Proprietors, partners, and officers who are not active in the business
- (b) Family members of an employee
- (c) Family members of an inactive proprietor, partner, and officer

- (2) Multiply each individual by the factor in the following table and add the results. If more than one person has use of the same furnished auto, count as only one operator in determining rating units.

Factor

.55

2. Franchised and Nonfranchised Trailer Dealers

Determine the number of rating units by multiplying the total number of employees by the following factor:

Factor

.45

B. Specified Auto Basis

All Coverages

1. Autos Regularly Operated By Class I or Class II Operators

Noninventory vehicles, including tow trucks, regularly operated by Class I or Class II operators may be classified and rated on a specified auto basis. If an employee is furnished an auto for regular use, that employee should also be included in the rating units unless otherwise specified.

2. Autos Furnished for Regular Use to Other than Class I or Class II Operators

Autos furnished for regular use to other than Class I or Class II operators may be classified and rated on a specified auto basis. Such autos may include autos furnished to driver training programs or autos exclusively loaned to customers, without charge, on a temporary basis while the customers' autos are being serviced or repaired.

3. Specified Auto Basis Premium Development

Compute the premiums for all coverages for each specified auto as follows:

- a. Private Passenger Autos (Class Code 7877)
Charge private passenger type premiums.
- b. Trucks, Tractors, and Trailers (Class Code 7878)
Charge the premiums developed by the applicable trucks, tractors, and trailers classification.

C. Liability Coverage

1. Base Premium Computation

- a. Determine the applicable base rate.
- b. Multiply the base rate by the applicable factor in the following table:

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Factor	
Franchised and Nonfranchised Auto Dealers	1.00
Franchised and Nonfranchised Trailer Dealers	1.00
Equipment and Implement Dealers	.70

- c. Apply the procedures in Rule 22 for increased liability limits. Apply the procedures in Rule 23 for liability deductibles.
- d. Auto Dealers Coverage Form CA 00 25 provides coverage for customers up to the compulsory or financial responsibility law limits under certain conditions. Liability coverage may be extended to provide the full covered autos liability limit for customers by attaching Full Covered Autos Liability Limit For Customers Endorsement CA 25 15. Multiply the liability premium developed in the preceding paragraph by the following factor:

Factor
1.25

2. Minimum Premium

The liability minimum premium is the auto dealers liability rate shown on the rate schedules for the highest rated location multiplied by the following factor:

Factor
2.00

D. Pick Up or Delivery of Autos (Class Code 7070)

- 1. If the exposure for nonfranchised dealer includes the pick up or delivery of autos beyond a 50-mile radius of the limits of the city or town where operations are conducted, rate each driver per trip for such pick up or delivery operations as follows:

Liability Rate per Driver, per Trip

Mileage	Bodily Injury \$30/60	Property Damage \$25
51–200 Miles	\$3	\$1
Over 200 Miles	5	2

- 2. The minimum premium is the private passenger type premium for the rating territory where the auto dealer is located.

E. Medical Payments

1. Coverage Options

- a. The Auto Dealers Coverage Form includes auto dealers locations and operations medical payments coverage. To exclude auto dealers locations and operations medical payments coverage, use Exclusion—Locations And Operations Medical Payments Endorsement CA 25 52.
- b. Use Auto Medical Payments Coverage Endorsement CA 99 03 to provide auto medical payments coverage.

2. Premium Development

- a. For each of the coverages described in paragraph E.1 that are provided, multiply the liability rate shown on the rate schedules by the applicable factor from the following table:

	Medical Payments Limit per Person			
	\$500	\$1,000	\$2,000	\$5,000
Auto	.098	.105	.115	.134
Locations and Operations	.025	.027	.029	.031

- b. Multiply the result by the applicable factor in the following table:

Factor	
Franchised and Nonfranchised Auto Dealers	1.00
Franchised and Nonfranchised Trailer Dealers	1.00
Equipment and Implement Dealers	.70

F. Uninsured Motorists Insurance

Refer to the Uninsured and Underinsured Motorists Insurance Rule (Rule 20) in the Common Coverages Section of this Manual.

G. Pollution Exclusions—Auto Dealers

An Auto Dealers policy may be endorsed to exclude bodily injury or property damage arising out of any discharge of pollutants with the exception of bodily injury or property damage arising out of the ownership, maintenance, or use of covered autos and certain off-premises discharges.

When Auto Dealers Coverage Form—General Liability Coverages—Total Pollution Exclusion Endorsement CA 25 16 is attached, document company files showing that the endorsement is needed for the particular risk. Give the insured written notice of coverage change at least 15 days prior to the effective date of the renewal, with a copy to the agent. Do not attach the endorsement midterm.

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Rule 56. ELIGIBILITY

This Section applies to all autos that are not classified and rated in the other Sections.

Rule 57. PREMIUM DEVELOPMENT

A. Rating Territory

Determine the rating territory from the territory definitions based on the street address of principal garaging unless otherwise provided in this Section.

B. Liability

See specific rating instructions for each classification in this Section.

C. Medical Payments

1. Refer to specific rules in this Section. If no premium or procedures to determine medical payments are shown, determine premiums as follows:
2. If liability premiums are developed from truck, tractor, and trailer premiums, charge truck, tractor, and trailer medical payments premiums.
3. If liability premiums are developed from private passenger types premiums, charge private passenger medical payments premiums.

D. Uninsured and Underinsured Motorists Insurance

Refer to the Uninsured and Underinsured Motorists Insurance Rule (Rule 20) in this Manual.

E. Trucks, Tractors, and Trailers Base Premiums

Where the rules in this Section refer to trucks, tractors, and trailers base premiums it means the \$30,000/60,000 bodily injury and \$25,000 property damage fleet and non-fleet base premiums on the rate schedules. For limits higher than \$30,000/60,000 bodily injury and \$25,000 property damage, use the increased liability limits table that applies to all other risks.

Rule 58. AMBULANCE SERVICES

A. Eligibility

1. This Rule applies to autos used for rescue or ambulance corps operations.
2. One of the following endorsements must be attached to the policy:
 - a. Emergency Services—Volunteer Firefighters' And Workers' Injuries Excluded Endorsement CA 20 30 which excludes coverage for bodily injury to any fellow volunteer workers of the insured and bodily injury to any fellow volunteer workers of the insured while such volunteers are engaged in volunteer firefighting, rescue squad, or ambulance corps operations; or
 - b. Emergency Services—Volunteer Firefighters' And Workers' Injuries Limited Exclusion Endorsement CA 20 07 which
 - (1) excludes coverage for bodily injury to any volunteer workers of the insured while such

volunteers are engaged in volunteer firefighting, rescue squad, or ambulance corps operations; and

- (2) provides coverage for bodily injury to any fellow volunteer workers of the insured while such volunteers are engaged in volunteer firefighting, rescue squad, or ambulance corps operations.

3. The policy must exclude coverage for bodily injury or property damage which results from providing or failing to provide any professional services. Use Professional Services Not Covered Endorsement CA 20 18.

B. Premium Computation (Class Code 7913)

1. Multiply the fleet or nonfleet trucks, tractors, and trailers base premium by 2.50.
2. When Endorsement CA 20 07 is attached, determine the additional premium by multiplying the liability premium developed in paragraph B.1 for each auto which is owned by the named insured and used by volunteer workers engaged in volunteer firefighting, rescue squad, or ambulance corps operations by .25.

Rule 59. AMPHIBIOUS EQUIPMENT

A. Application

For autos designed to operate on both land and water, rate as land autos according to their use. The policy must exclude coverage while the auto is being launched into, used on, or beached from the water. Use Amphibious Vehicles Endorsement CA 23 97.

B. Premium Determination

Classify and rate each amphibious vehicle according to its land use.

Rule 60. ANTIQUE AUTOS (CLASS CODE 9620)

A. Eligibility

This Rule applies to autos that are 25 years old or more; and maintained primarily for use in exhibitions, club activities, parades, and other functions of public interest; and occasionally used for other purposes.

B. Premium Computation

Liability: Multiply the private passenger types rates by .25 regardless of the type of auto.

Rule 61. AUTO BODY MANUFACTURERS AND INSTALLERS (CLASS CODE 7924)

A. Application

An auto body or trailer manufacturer may be insured for the testing or delivery of autos it manufactures, assembles, rebuilds, or repairs.

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B. Premium Computation

1. Compute the premium for owned autos, hired autos, and employers nonownership liability in the usual manner.
2. Compute the premium for the factory testing hazard by multiplying the appropriate fleet or nonfleet trucks, tractors, or trailers base premium for each employee engaged in these operations by 2.00.

Rule 62. DRIVER TRAINING PROGRAMS (EDUCATIONAL INSTITUTIONS AND COMMERCIAL DRIVING SCHOOLS) AND AUTO REPAIR TRAINING

A. Driver Training Programs—Educational Institutions (Class Code 7926)

1. Eligibility
This Rule applies to private passenger autos used for driver training as part of a school curriculum.
2. Premium Computation
 - a. Liability Coverages
 - (1) For autos equipped with dual controls, multiply the private passenger types rates by .75. There must be dual brakes to qualify as dual control.
 - (2) For autos not equipped with dual controls, multiply the private passenger types rates by 1.50.
 - b. All Other Coverages. Charge private passenger types rates.
3. A policy covering autos used by schools in driver training programs may be written on an annual term for liability coverages with premium prorated to reflect the actual school term. However, do not give credit for Saturdays, Sundays, or holidays or for any other periods of lay-up during the school term.

B. Commercial Driving Schools (Class Code 7927)

1. Eligibility
This Section applies to autos used by driving schools to give driving instruction. Use Driving Schools Endorsement CA 20 06.
2. Premium Computation
 - a. Owned Private Passenger Autos
 - (1) Liability Coverages
 - (a) For autos equipped with dual controls, charge the private passenger types rates. There must be dual brakes to qualify as dual controls.
 - (b) For autos not equipped with dual controls, multiply the private passenger types rates by 2.00.
 - (2) All Other Coverages. Charge private passenger types rates.

b. Owned Trucks, Tractors, and Trailers

- (1) Liability Coverages
 - (a) For autos equipped with dual controls, multiply the truck, tractor, and trailer rates by 2.00. There must be dual brakes to qualify as dual controls.
 - (b) For autos not equipped with dual controls, multiply the truck, tractor, and trailer rates by 4.00.
 - (2) All Other Coverages. Charge the truck, tractor, and trailer rates.
- c. All Other Types of Owned Autos.
Refer to company for rating.

C. Nonowned Autos

1. The policy must cover the driving instructors and their students.
2. Premium Computation
Charge the private passenger types or the truck, tractor, and trailer rates for each instructor in excess of the number of owned autos.

D. Autos Repair Training

For autos used by schools in auto repair training, the rules and rates for owned autos, hired autos, and employers nonownership liability apply.

Rule 63. DRIVE-AWAY CONTRACTORS (CLASS CODE 7923)

A. Application

A person, firm, or corporation which drives away autos under their own power for factories or auto dealers may be insured for the operation of such autos. Use Drive-Away Contractors Endorsement CA 20 05.

B. Premium Computation

1. For each set of registration plates not issued for attachment to a specific auto, multiply the private passenger types premium in the highest rated territory in which or through which each auto is driven by 2.00.
2. Exception: Each set of plates assigned by the insured for exclusive use with a specific auto shall be rated in accordance with the regular use of the auto.

Rule 64. FIRE DEPARTMENTS

A. Eligibility

1. This Rule applies to autos used for firefighting purposes.
2. One of the following endorsements must be attached to the policy:
 - a. Emergency Services—Volunteer Firefighters' And Workers' Injuries Excluded Endorsement CA 20 30 which excludes coverage for bodily injury to any volunteer workers of the insured and bodily injury to any fellow volunteer workers

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of the insured while such volunteers are engaged in volunteer firefighting, rescue squad, or ambulance corps operations; or

b. **Emergency Services—Volunteer Firefighters' And Workers' Injuries Limited Exclusion Endorsement CA 20 07** which

(1) excludes coverage for bodily injury to any volunteer workers of the insured while such volunteers are engaged in volunteer firefighting, rescue squad, or ambulance corps operations; and

(2) provides coverage for bodily injury to any fellow volunteer workers of the insured while such volunteers are engaged in volunteer firefighting, rescue squad, or ambulance corps operations.

3. The policy must exclude coverage for bodily injury or property damage which results from providing or failing to provide any professional services. Use Professional Services Not Covered Endorsement CA 20 18.

B. Premium Computation (Class Code 7913)

1. Multiply the fleet or nonfleet trucks, tractors, and trailers base premium by 1.60.
2. For private passenger autos, charge the private passenger types rates.
3. For trailer types, classify and rate according to the Trucks, Tractors, and Trailers Classifications Rule (Rule 33).
4. When Endorsement CA 20 07 is attached, determine the additional premium by multiplying the liability premium developed in paragraphs B.1 and B.2 for each auto which is owned by the named insured and used by volunteer workers engaged in volunteer firefighting, rescue squad, or ambulance corps operations by .25.

Rule 65. FUNERAL DIRECTORS

A. Eligibility

1. This Rule applies to autos owned or used by a funeral director.
2. The policy must exclude coverage for bodily injury or property damage which results from providing or failing to provide any professional service. Use Professional Services Not Covered Endorsement CA 20 18.

B. Premium Computation

1. **Limousines (Class Code 7915)**
Liability and Medical Payments Coverages. Multiply the private passenger types rates by .90.
2. **Hearses and Flower Cars (Class Code 7922)**
Liability and Medical Payments Coverages. Multiply the fleet or nonfleet trucks, tractors, and trailers base premiums by .90.

3. **Combination Hearses and Ambulances**

Classify and rate the auto according to the Ambulance Services Rule (Rule 58).

4. **Autos Used for Other Purposes**

Classify and rate the auto according to its regular use.

C. Medical Payments Coverage for Hired and Nonowned Autos

1. Medical payments coverage may be provided for hired and nonowned autos.

2. **Premium Computation**

Multiply the total medical payments premium for all owned autos (whether or not all owned autos are insured for medical payments) by .50.

Rule 66. LAW ENFORCEMENT AGENCIES

A. Eligibility

1. This Rule applies to autos used by government law enforcement agencies or police departments.

2. One of the following endorsements must be attached to the policy:

a. **Emergency Services—Volunteer Firefighters' and Workers' Injuries Excluded Endorsement CA 20 30** which excludes coverage for bodily injury to any volunteer workers of the insured and bodily injury to any fellow volunteer workers of the insured while such volunteers are engaged in volunteer firefighting, rescue squad, or ambulance corps operations; or

b. **Emergency Services—Volunteer Firefighters' And Workers' Injuries Limited Exclusion Endorsement CA 20 07** which

(1) excludes coverage for bodily injury to any volunteer workers of the insured while such volunteers are engaged in volunteer firefighting, rescue squad, or ambulance corps operations; and

(2) provides coverage for bodily injury to any fellow volunteer workers of the insured while such volunteers are engaged in volunteer firefighting, rescue squad, or ambulance corps operations.

3. The policy must exclude coverage for bodily injury or property damage which results from providing or failing to provide any professional services. Use Professional Services Not Covered Endorsement CA 20 18.

B. Premium Computation (Class Code 7913)

1. Multiply the private passenger autos base premium by 1.60.
2. For motorcycles, charge according to the motorcycles rule (Rule 69) in this Section.
3. For trailer types, classify and rate according to the Trucks, Tractors, and Trailers Classifications Rule (Rule 33).

SPECIAL TYPES AND OPERATIONS

4. When Endorsement CA 20 07 is attached, determine the additional premium by multiplying the liability premium developed in paragraphs B.1, B.2, and B.3 for each auto which is owned by the named insured and used by volunteer workers engaged in volunteer firefighting, rescue squad, or ambulance corps operations by .25.

Rule 67. LEASING OR RENTAL CONCERNS

A. Eligibility

1. This Rule applies to risks which lease or rent autos to others without drivers. For autos leased or rented with drivers, refer to the Truckers/Motor Carriers Rule (Rule 34) or the Public Auto Classifications Rule (Rule 43).
2. Trucks, tractors, or trailers leased or rented by the concern to truckers and buses leased or rented by the concern to bus risks. In rating such vehicles, consideration must be given to insurance required to be provided by truckers and public passenger carriers and the exposure to be developed by the leasing or rental concern which will not be covered by such insurance.

B. Premium Computation

1. When computing the premiums, use the territory where the auto is principally garaged.
2. Specified Car Basis
 - a. Long Term—Autos Leased for Six Months or More
 - (1) Full Coverage for Owner and Lessee
Rate the auto at the classification rates in this Manual that apply to the lessee.
 - (2) Contingent Coverage (Class Code 7219)
Use Leasing Or Rental Concerns—Contingent Coverage Endorsement CA 20 09 to provide liability coverage if insurance covering the leasing concern on a direct primary basis is provided by the lessee. Multiply the classification rates in this Manual that apply to the lessee by .05.
 - b. Short Term and Irregular Term—Autos Rented By the Hour, Day, Week, or Month But Less than a Year
 - (1) Trucks, Tractors, or Trailers
Multiply the trucks, tractors, and trailers base premiums by the following factors:

	Liability	Code
Trucks	4.00	7211
Tractors	5.00	7212
Trailers, Semitrailers, and Service Trailers	.25	7213
 - (2) Private Passenger Autos (Class Code 7214)
For liability, multiply the private passenger types rates by 3.00.

- (3) Special Types (Class Code 7216).
 - (a) For motorcycles, motorbikes, and other similar motor vehicles, multiply the rates developed in the Motorcycles Rule (Rule 69) by 4.00.
 - (b) For snowmobiles and other similar vehicles designed for travel over ice and snow and used primarily off public roads, multiply the rates developed in the Motorcycles Rule (Rule 69) by 4.00.
- (4) Nondealers Garage Risks—Customer Rental (Class Code 7216)
For private passenger autos rented to customers while their autos are temporarily left with named insured for service, repair or sale, charge the private passenger types rates.
- (5) Motor Homes (Class Code 7215)
Multiply the rates developed in the Mobile Homes Rule (Rule 68) by 2.00.
- (6) Rent-It-There/Leave-It-Here Autos
Use Leasing Or Rental Concerns—Rent-It-There/Leave-It-Here Autos Endorsement CA 20 12 to exclude coverage for the owner or rentee of any rent-it-there/leave-it-here auto not owned by the named insured.

Rule 68. MOBILE HOMES

A. Trailers (Class Code 7963)

1. Mobile home trailers equipped as living quarters (including cooking, dining, plumbing, or refrigeration facilities), other than recreational or camper types designed for use with a private passenger auto.
 - a. Liability. Multiply the appropriate fleet or non-fleet trucks, tractors, and trailers base premium by .40.
 - b. Medical payments. Charge the trucks, tractors, and trailers premiums.
2. Mobile home trailers designed for use with a private passenger auto if used with another type auto.
 - a. Liability. Multiply the appropriate fleet or non-fleet trucks, tractors, and trailers base premium by .40.
 - b. Medical payments. Charge the trucks, tractors, and trailers premiums.

B. Motor Homes (Class Code 7957)

1. Self-propelled autos equipped as living quarters (including cooking, dining, plumbing, or refrigeration facilities).
2. Bodily Injury and Property Damage Liability—Charge 65% of the rates for private passenger types.
3. Medical Payments—Use rates for private passenger types.

SPECIAL TYPES AND OPERATIONS

C. Toter Homes (Class Code 7973)

1. A toter home is a motor home built around a semi-truck chassis with the ability to tow or carry a vehicle, boat, trailer, etc. and has a GCW greater than 20,001 lbs.
2. Bodily Injury and Property Damage Liability—Based upon the GCW, multiply the appropriate heavy or extra heavy Trucks, Tractors, Trailers base rate from the state rate pages by the appropriate increased limits factor. Then multiply the result by 2.6. After determining the otherwise applicable rate, multiply the result by .75.
3. Medical Payments—Use the rates for trucks, tractors, and trailers.

D. Camper Bodies

1. Pickup trucks used solely in connection with and to transport a camper body or other similar living quarters.

All coverages—Rate as a motor home.
2. Pickups used to transport a portable camper body or similar living quarters but also used for other purposes.

Bodily Injury and Property Damage Liability and Medical Payments—Rate according to the otherwise regular use of the pickup truck.

2. Uninsured and Underinsured Motorists

Refer to the Uninsured and Underinsured Motorists Insurance Rule ([Rule 20](#)) in this Manual.

C. Golfmobiles and Snowmobiles

1. Golfmobiles (Class Code 9460)

Liability and Medical Payments Coverages: Multiply the private passenger types rates by a factor of 0.29.
2. Snowmobiles (Class Code 7964). Use Snowmobiles Endorsement CA 20 21.
 - a. Bodily Injury Liability
 - (1) Bodily Injury (excluding the passenger hazard): Multiply the private passenger types rates by a factor of 0.29.
 - (2) Bodily Injury (including the passenger hazard): Multiply the excluding the passenger hazard rates determined in paragraph C.2.a.(1) above by a factor of 3.00.
 - b. Property Damage Liability: Multiply the private passenger types rates by a factor of 0.29.
 - c. Uninsured and Underinsured Motorists Coverage: Charge rates as shown in the Uninsured and Underinsured Motorists Insurance Rule ([Rule 20](#)).
 - d. Medical Payments: Charge \$10, \$500 limit per person.
 - e. For (1) vehicles of this type which are used as a public or livery conveyance for passengers, and (2) for propeller-driven equipment, refer to company for rating.

Rule 69. MOTORCYCLES, GOLFMOBILES, AND SNOWMOBILES

A. Eligibility

1. This Rule applies to fleet motorcycles, motorscooters, motorbikes, and any other similar autos used for commercial purposes. Refer to paragraph B below for rating.

For nonfleet motorcycles, refer to the Personal Auto Manual.
2. This Rule also applies to fleet golfmobiles and snowmobiles. It also applies to nonfleet golfmobiles and snowmobiles used for commercial purposes, including electric powered versions of these vehicles, that are licensed for road use. Refer to paragraph C below for rating.
3. All premiums apply for the period of coverage. If the insured cancels, do not return premium.

B. Motorcycle Premium Computation (Class Code 7942)

1. Liability Factors

Based on the size of the engine in cubic centimeters, multiply the private passenger types rates by the following factors:

Size of Engine In cubic centimeters	Factor
0–100cc	.29
101–200	.38
201–360	.59
361–500	.65
501–800	.76
Over 800cc	.85

Rule 70. REGISTRATION PLATES NOT ISSUED FOR A SPECIFIC AUTO (CLASS CODE 7929)

A. Eligibility

1. This Rule applies to risks other than auto dealers which possess registration plates not issued for attachment to a specific auto. Use Registration Plates Not Issued For A Specific Auto Endorsement CA 20 27.
2. A set of plates is the number of plates required to legally operate an auto on public roads.

B. Premium Computation

1. For each set of plates, multiply the private passenger types rates by 2.00.
2. Rate each set of plates assigned by the insured for exclusive use with a specific auto according to the regular use of the auto.

SPECIAL TYPES AND OPERATIONS

Rule 71. REPOSSESSED AUTOS— FINANCE COMPANIES AND BANKS (CLASS CODE 7925)

A. Eligibility

1. This Rule does not apply to autos that finance companies and banks own or operate for their own business or pleasure purposes. Insure such autos according to the regular use of the auto.
2. If a finance company is owned and operated by an auto sales agency, refer to Garage Section.
3. In all other cases, auto finance companies and banks may be insured for the repossession and use in connection with reselling financed autos. Use Repossessed Autos Endorsement CA 20 19.

B. Premium Computation

The premium for this coverage shall be determined as follows:

1. The rate per car repossessed shall be the rate shown on the rate schedules for private passenger types for the territory in which the principal office of the risk is located, divided by 200.
2. The advance premium shall be determined by applying the rate per car repossessed to the estimated number of cars repossessed annually.
3. The earned premium shall be determined at the rates in force at the inception of the policy on the basis of the total number of cars repossessed during the policy period.
4. The minimum premium shall be 25% of the private passenger types rates shown on the rate schedules for the territory in which the principal office of the risk is located. For banks, if the same company insures all owned autos, all repossessed autos, hired autos, and the employers nonownership liability of such risks, a minimum premium of \$14 bodily injury, \$30,000/60,000 limits, and \$6 property damage, \$25,000 limit, applies on a combined basis for the repossessed autos, hired autos, and employers nonownership liability exposures.

Rule 72. SPECIAL OR MOBILE EQUIPMENT

A. Eligibility

This Rule applies to vehicles fitting into any of the following categories:

1. Specialized equipment such as bulldozers, power shovels, road rollers, graders or scrapers, cranes, street sweepers or other cleaners, diggers, forklifts, pumps, generators, air compressors, drills, and other similar equipment.
2. Vehicles maintained solely to provide mobility for permanently attached specialized equipment.
3. Vehicles not required to be licensed.
4. Autos used solely on the named insured's premises or that part of the roads or other accesses that adjoin the premises.

B. Premium Computation

1. Refer to manuals of general liability insurance.
2. For land motor vehicles (Class Code 7906) other than farm equipment not eligible for general liability insurance, charge the appropriate fleet or nonfleet trucks, tractors, and trailers base premiums.

Rule 73. AUTOS HELD FOR SALE BY SERVICE OPERATIONS

Liability

Refer to the Nonownership Liability Rule ([Rule 16](#)).

Rules 74–90. ★RESERVED FOR FUTURE USE♣

**NORTH CAROLINA REINSURANCE FACILITY
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SUPPLEMENTARY RATING PROCEDURES SECTION**

NOTES

NORTH CAROLINA REINSURANCE FACILITY
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SUPPLEMENTARY RATING PROCEDURES SECTION

**Rule 91. RETROSPECTIVE RATING PLAN
D—REINSURANCE FACILITY
RISKS**

Retrospective Rating Plan D is not to be used in rating risks ceded to the North Carolina Reinsurance Facility.

**Rule 92. RATING PROCEDURES—
REINSURANCE FACILITY RISKS**

Gross receipts and mileage basis rating procedures and the Composite Rating Plan are not to be used in rating risks ceded to the North Carolina Reinsurance Facility.

Rule 93. ★RESERVED FOR FUTURE USE❖

**Rule 94. RULE FOR RATING SINGLE LIMIT
COVERAGES**

The premium for a single limit per occurrence shall be calculated as follows:

- A. Apply a single discount of 3% to both the bodily injury and the property damage normal factors for separate limits equal to the desired single limit.
- B. Calculate the separate bodily injury and property damage premiums, the sum of which is the combined premium.

Example: Single Limit of \$50,000

(1)	(2)	(3)	(4)	(5)	(6)
Coverage	Basic Limits Premium (Rate)	Normal Factors For Separate Limits	Discount Factor	Factor (3) x [100 - (4)]	Increased Premium (2) x (5)
BI	\$620	1.48	3.0%	1.48 x .97 = 1.44	\$ 892.80
PD	380	1.25	3.0	1.25 x .97 = 1.21	459.80
					\$1,352.60

**NORTH CAROLINA REINSURANCE FACILITY
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TERRITORIES SECTION

NOTES

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(State Code 32)

ZIP CODES 27006 – 27228

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
27006	ADVANCE	124	27101	WINSTON SALEM	118
27007	ARARAT	124	27102	WINSTON SALEM	118
27009	BELEWS CREEK	124	27103	WINSTON SALEM	118
27010	BETHANIA	118	27104	WINSTON SALEM	118
27011	BOONVILLE	124	27105	WINSTON SALEM	118
27012	CLEMMONS	122	27106	WINSTON SALEM	118
27013	CLEVELAND	124	27107	WINSTON SALEM	124
27014	COOLEEMEE	124	27108	WINSTON SALEM	118
27016	DANBURY	124	27109	WINSTON SALEM	118
27017	DOBSON	124	27110	WINSTON SALEM	118
27018	EAST BEND	124	27111	WINSTON SALEM	118
27019	GERMANTON	124	27113	WINSTON SALEM	118
27020	HAMPTONVILLE	124	27114	WINSTON SALEM	118
27021	KING	124	27115	WINSTON SALEM	118
27022	LAWSONVILLE	124	27116	WINSTON SALEM	118
27023	LEWISVILLE	122	27117	WINSTON SALEM	124
27024	LOWGAP	124	27120	WINSTON SALEM	118
27025	MADISON	124	27127	WINSTON SALEM	124
27027	MAYODAN	124	27130	WINSTON SALEM	118
27028	MOCKSVILLE	124	27150	WINSTON SALEM	118
27030	MOUNT AIRY	124	27152	WINSTON SALEM	118
27031	MOUNT AIRY	124	27155	WINSTON SALEM	118
27040	PFAFFTOWN	122	27157	WINSTON SALEM	118
27041	PILOT MOUNTAIN	124	27198	WINSTON SALEM	118
27042	PINE HALL	124	27199	WINSTON SALEM	118
27043	PINNACLE	124	27201	ALAMANCE	124
27045	RURAL HALL	124	27202	ALTAMAHAW	124
27046	SANDY RIDGE	124	27203	ASHEBORO	124
27047	SILOAM	124	27204	ASHEBORO	124
27048	STONEVILLE	124	27205	ASHEBORO	124
27049	TOAST	124	27207	BEAR CREEK	124
27050	TOBACCOVILLE	122	27208	BENNETT	124
27051	WALKERTOWN	118	27209	BISCOE	124
27052	WALNUT COVE	124	27212	BLANCH	124
27053	WESTFIELD	124	27213	BONLEE	124
27054	WOODLEAF	124	27214	BROWNS SUMMIT	122
27055	YADKINVILLE	124	27215	BURLINGTON	124
27094	RURAL HALL	124	27216	BURLINGTON	124
27098	RURAL HALL	124	27217	BURLINGTON	122
27099	RURAL HALL	124	27228	BYNUM	124

Table #1(T) ZIP Codes 27006 – 27228

Note: Refer to an atlas or map for places not listed.

ZIP CODES 27229 – 27376

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
27229	CANDOR	124	27301	MC LEANSVILLE	122
27230	CEDAR FALLS	124	27302	MEBANE	124
27231	CEDAR GROVE	124	27305	MILTON	124
27233	CLIMAX	124	27306	MOUNT GILEAD	124
27235	COLFAX	115	27310	OAK RIDGE	122
27237	CUMNOCK	124	27311	PELHAM	124
27239	DENTON	124	27312	PITTSBORO	124
27242	EAGLE SPRINGS	124	27313	PLEASANT GARDEN	122
27243	EFLAND	124	27314	PROSPECT HILL	124
27244	ELON	124	27315	PROVIDENCE	124
27247	ETHER	124	27316	RAMSEUR	124
27248	FRANKLINVILLE	124	27317	RANDLEMAN	124
27249	GIBSONVILLE	124	27320	REIDSVILLE	124
27252	GOLDSTON	124	27323	REIDSVILLE	124
27253	GRAHAM	124	27325	ROBBINS	124
27256	GULF	124	27326	RUFFIN	124
27258	HAW RIVER	122	27330	SANFORD	124
27259	HIGHFALLS	124	27331	SANFORD	124
27260	HIGH POINT	115	27332	SANFORD	124
27261	HIGH POINT	115	27340	SAXAPAHAW	124
27262	HIGH POINT	115	27341	SEAGROVE	124
27263	HIGH POINT	115	27342	SEDALIA	124
27264	HIGH POINT	115	27343	SEMORA	124
27265	HIGH POINT	115	27344	SILER CITY	124
27268	HIGH POINT	115	27349	SNOW CAMP	124
27278	HILLSBOROUGH	124	27350	SOPHIA	124
27281	JACKSON SPRINGS	124	27351	SOUTHMONT	122
27282	JAMESTOWN	115	27355	STALEY	124
27283	JULIAN	122	27356	STAR	124
27284	KERNERSVILLE	122	27357	STOKESDALE	124
27285	KERNERSVILLE	122	27358	SUMMERFIELD	124
27288	EDEN	124	27359	SWEPSONVILLE	124
27289	EDEN	124	27360	THOMASVILLE	122
27291	LEASBURG	124	27361	THOMASVILLE	122
27292	LEXINGTON	122	27370	TRINITY	122
27293	LEXINGTON	122	27371	TROY	124
27294	LEXINGTON	122	27373	WALLBURG	124
27295	LEXINGTON	124	27374	WELCOME	124
27298	LIBERTY	124	27375	WENTWORTH	124
27299	LINWOOD	124	27376	WEST END	124

Table #2(T) ZIP Codes 27229 – 27376

Note: Refer to an atlas or map for places not listed.

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ZIP CODES 27377 – 27556

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
27377	WHITSETT	122	27511	CARY	121
27379	YANCEYVILLE	124	27512	CARY	121
27401	GREENSBORO	114	27513	CARY	121
27402	GREENSBORO	114	27514	CHAPEL HILL	124
27403	GREENSBORO	114	27515	CHAPEL HILL	124
27404	GREENSBORO	114	27516	CHAPEL HILL	124
27405	GREENSBORO	114	27517	CHAPEL HILL	124
27406	GREENSBORO	114	27518	CARY	121
27407	GREENSBORO	114	27519	CARY	121
27408	GREENSBORO	114	27520	CLAYTON	123
27409	GREENSBORO	114	27521	COATS	123
27410	GREENSBORO	115	27522	CREEDMOOR	124
27411	GREENSBORO	114	27523	APEX	121
27412	GREENSBORO	114	27524	FOUR OAKS	123
27413	GREENSBORO	114	27525	FRANKLINTON	123
27415	GREENSBORO	114	27526	FUQUAY VARINA	121
27416	GREENSBORO	114	27527	CLAYTON	123
27417	GREENSBORO	114	27528	CLAYTON	123
27419	GREENSBORO	114	27529	GARNER	116
27420	GREENSBORO	114	27530	GOLDSBORO	121
27425	GREENSBORO	114	27531	GOLDSBORO	123
27427	GREENSBORO	114	27532	GOLDSBORO	123
27429	GREENSBORO	114	27533	GOLDSBORO	121
27435	GREENSBORO	114	27534	GOLDSBORO	123
27438	GREENSBORO	114	27536	HENDERSON	123
27455	GREENSBORO	114	27537	HENDERSON	123
27495	GREENSBORO	114	27539	APEX	121
27497	GREENSBORO	114	27540	HOLLY SPRINGS	121
27498	GREENSBORO	114	27541	HURDLE MILLS	124
27499	GREENSBORO	114	27542	KENLY	123
27501	ANGIER	123	27543	KIPLING	121
27502	APEX	121	27544	KITTRELL	123
27503	BAHAMA	122	27545	KNIGHTDALE	116
27504	BENSON	123	27546	LILLINGTON	123
27505	BROADWAY	124	27549	LOUISBURG	123
27506	BUJES CREEK	123	27551	MACON	123
27507	BULLOCK	124	27552	MAMERS	123
27508	BUNN	123	27553	MANSON	123
27509	BUTNER	124	27555	MICRO	123
27510	CARRBORO	124	27556	MIDDLEBURG	123

Table #3(T) ZIP Codes 27377 – 27556

Note: Refer to an atlas or map for places not listed.

ZIP CODES 27557 – 27706

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
27557	MIDDLESEX	123	27611	RALEIGH	116
27559	MONCURE	124	27612	RALEIGH	116
27560	MORRISVILLE	121	27613	RALEIGH	116
27562	NEW HILL	121	27614	RALEIGH	116
27563	NORLINA	123	27615	RALEIGH	116
27565	OXFORD	124	27616	RALEIGH	116
27568	PINE LEVEL	123	27617	RALEIGH	116
27569	PRINCETON	123	27619	RALEIGH	116
27570	RIDGEWAY	123	27620	RALEIGH	116
27571	ROLESVILLE	121	27621	RALEIGH	116
27572	ROUGEMONT	122	27622	RALEIGH	116
27573	ROXBORO	124	27623	RALEIGH	116
27574	ROXBORO	124	27624	RALEIGH	116
27576	SELMA	123	27625	RALEIGH	116
27577	SMITHFIELD	123	27626	RALEIGH	116
27581	STEM	124	27627	RALEIGH	116
27582	STOVALL	124	27628	RALEIGH	116
27583	TIMBERLAKE	124	27629	RALEIGH	116
27584	TOWNSVILLE	123	27634	RALEIGH	116
27586	VAUGHAN	123	27635	RALEIGH	116
27587	WAKE FOREST	123	27636	RALEIGH	116
27588	WAKE FOREST	123	27640	RALEIGH	116
27589	WARRENTON	123	27650	RALEIGH	116
27591	WENDELL	123	27656	RALEIGH	116
27592	WILLOW SPRING	121	27658	RALEIGH	116
27593	WILSONS MILLS	123	27661	RALEIGH	116
27594	WISE	123	27668	RALEIGH	116
27596	YOUNGSVILLE	123	27675	RALEIGH	116
27597	ZEBULON	121	27676	RALEIGH	116
27599	CHAPEL HILL	124	27690	RALEIGH	116
27601	RALEIGH	116	27695	RALEIGH	116
27602	RALEIGH	116	27697	RALEIGH	116
27603	RALEIGH	116	27698	RALEIGH	116
27604	RALEIGH	116	27699	RALEIGH	116
27605	RALEIGH	116	27701	DURHAM	113
27606	RALEIGH	116	27702	DURHAM	113
27607	RALEIGH	116	27703	DURHAM	113
27608	RALEIGH	116	27704	DURHAM	122
27609	RALEIGH	116	27705	DURHAM	113
27610	RALEIGH	116	27706	DURHAM	113

Table #4(T) ZIP Codes 27557 – 27706

Note: Refer to an atlas or map for places not listed.

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ZIP CODES 27707 – 27874

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
27707	DURHAM	113	27831	GARYSBURG	123
27708	DURHAM	113	27832	GASTON	123
27709	DURHAM	122	27833	GREENVILLE	121
27710	DURHAM	113	27834	GREENVILLE	121
27711	DURHAM	113	27835	GREENVILLE	121
27712	DURHAM	124	27836	GREENVILLE	123
27713	DURHAM	113	27837	GRIMESLAND	123
27715	DURHAM	113	27839	HALIFAX	123
27717	DURHAM	113	27840	HAMILTON	123
27722	DURHAM	124	27841	HASSELL	123
27801	ROCKY MOUNT	123	27842	HENRICO	123
27802	ROCKY MOUNT	123	27843	HOBGOOD	123
27803	ROCKY MOUNT	123	27844	HOLLISTER	123
27804	ROCKY MOUNT	123	27845	JACKSON	123
27805	AULANDER	123	27846	JAMESVILLE	123
27806	AURORA	123	27847	KELFORD	123
27807	BAILEY	123	27849	LEWISTON WOODVILLE	123
27808	BATH	123	27850	LITTLETON	123
27809	BATTLEBORO	123	27851	LUCAMA	123
27810	BELHAVEN	123	27852	MACCLESFIELD	123
27811	BELLARTHUR	121	27853	MARGARETTSVILLE	123
27812	BETHEL	123	27855	MURFREESBORO	123
27813	BLACK CREEK	123	27856	NASHVILLE	123
27814	BLOUNTS CREEK	123	27857	OAK CITY	123
27815	ROCKY MOUNT	123	27858	GREENVILLE	123
27816	CASTALIA	123	27860	PANTEGO	123
27817	CHOCOWINITY	123	27861	PARMELE	123
27818	COMO	123	27862	PENDLETON	123
27819	CONETOE	123	27863	PIKEVILLE	123
27820	CONWAY	123	27864	PINETOPS	123
27821	EDWARD	123	27865	PINETOWN	123
27822	ELM CITY	123	27866	PLEASANT HILL	123
27823	ENFIELD	123	27867	POTECASI	123
27824	ENGELHARD	123	27868	RED OAK	123
27825	EVERETTS	123	27869	RICH SQUARE	123
27826	FAIRFIELD	123	27870	ROANOKE RAPIDS	123
27827	FALKLAND	123	27871	ROBERSONVILLE	123
27828	FARMVILLE	123	27872	ROXOBEL	123
27829	FOUNTAIN	123	27873	SARATOGA	123
27830	FREMONT	123	27874	SCOTLAND NECK	123

Table #5(T) ZIP Codes 27707 – 27874

Note: Refer to an atlas or map for places not listed.

ZIP CODES 27875 – 27981

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
27875	SCRANTON	123	27929	CURRITUCK	123
27876	SEABOARD	123	27930	HERTFORD	123
27877	SEVERN	123	27932	EDENTON	123
27878	SHARPSBURG	123	27935	EURE	123
27879	SIMPSON	123	27936	FRISCO	123
27880	SIMS	123	27937	GATES	123
27881	SPEED	123	27938	GATESVILLE	123
27882	SPRING HOPE	123	27939	GRANDY	123
27883	STANTONSBURG	123	27941	HARBINGER	123
27884	STOKES	123	27942	HARRELLSVILLE	123
27885	SWANQUARTER	123	27943	HATTERAS	123
27886	TARBORO	123	27944	HERTFORD	123
27887	TILLERY	123	27946	HOBBSVILLE	123
27888	WALSTONBURG	123	27947	JARVISBURG	123
27889	WASHINGTON	123	27948	KILL DEVIL HILLS	123
27890	WELDON	123	27949	KITTY HAWK	123
27891	WHITAKERS	123	27950	KNOTTS ISLAND	123
27892	WILLIAMSTON	123	27953	MANNS HARBOR	123
27893	WILSON	123	27954	MANTEO	123
27894	WILSON	123	27956	MAPLE	123
27895	WILSON	123	27957	MERRY HILL	123
27896	WILSON	121	27958	MOYOCK	123
27897	WOODLAND	123	27959	NAGS HEAD	123
27906	ELIZABETH CITY	123	27960	OCRACOKE	123
27907	ELIZABETH CITY	123	27962	PLYMOUTH	123
27909	ELIZABETH CITY	123	27964	POINT HARBOR	123
27910	AHOSKIE	123	27965	POPLAR BRANCH	123
27915	AVON	123	27966	POWELLS POINT	123
27916	AYDLETT	123	27967	POWELLSVILLE	123
27917	BARCO	123	27968	RODANTHE	123
27919	BELVIDERE	123	27969	RODUKO	123
27920	BUXTON	123	27970	ROPER	123
27921	CAMDEN	123	27972	SALVO	123
27922	COFIELD	123	27973	SHAWBORO	123
27923	COINJOCK	123	27974	SHILOH	123
27924	COLERAIN	123	27976	SOUTH MILLS	123
27925	COLUMBIA	123	27978	STUMPY POINT	123
27926	CORAPEAKE	123	27979	SUNBURY	123
27927	COROLLA	123	27980	TYNER	123
27928	CRESWELL	123	27981	WANCHESE	123

Table #6(T) ZIP Codes 27875 – 27981

Note: Refer to an atlas or map for places not listed.

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ZIP CODES 27982 – 28120

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
27982	WAVES	123	28070	HUNTERSVILLE	124
27983	WINDSOR	123	28071	GOLD HILL	124
27985	WINFALL	123	28072	GRANITE QUARRY	122
27986	WINTON	123	28073	GROVER	124
28001	ALBEMARLE	124	28074	HARRIS	124
28002	ALBEMARLE	124	28075	HARRISBURG	124
28006	ALEXIS	122	28076	HENRIETTA	124
28007	ANSONVILLE	124	28077	HIGH SHOALS	124
28009	BADIN	124	28078	HUNTERSVILLE	124
28010	BARIUM SPRINGS	124	28079	INDIAN TRAIL	124
28012	BELMONT	122	28080	IRON STATION	124
28016	BESSEMER CITY	124	28081	KANNAPOLIS	122
28017	BOILING SPRINGS	124	28082	KANNAPOLIS	122
28018	BOSTIC	124	28083	KANNAPOLIS	122
28019	CAROLEEN	124	28086	KINGS MOUNTAIN	124
28020	CASAR	124	28088	LANDIS	122
28021	CHERRYVILLE	124	28089	LATTIMORE	124
28023	CHINA GROVE	122	28090	LAWNDALE	124
28024	CLIFFSIDE	124	28091	LILESVILLE	124
28025	CONCORD	124	28092	LINCOLNTON	124
28026	CONCORD	124	28093	LINCOLNTON	124
28027	CONCORD	122	28097	LOCUST	124
28031	CORNELIUS	122	28098	LOWELL	122
28032	CRAMERTON	122	28101	MC ADENVILLE	122
28033	CROUSE	124	28102	MC FARLAN	124
28034	DALLAS	124	28103	MARSHVILLE	124
28035	DAVIDSON	122	28104	MATTHEWS	124
28036	DAVIDSON	122	28105	MATTHEWS	122
28037	DENVER	124	28106	MATTHEWS	122
28038	EARL	124	28107	MIDLAND	124
28039	EAST SPENCER	124	28108	MINERAL SPRINGS	124
28040	ELLENBORO	124	28109	MISENHEIMER	124
28041	FAITH	122	28110	MONROE	124
28042	FALLSTON	124	28111	MONROE	124
28043	FOREST CITY	124	28112	MONROE	124
28052	GASTONIA	122	28114	MOORESBORO	124
28053	GASTONIA	122	28115	MOORESVILLE	124
28054	GASTONIA	122	28117	MOORESVILLE	124
28055	GASTONIA	122	28119	MORVEN	124
28056	GASTONIA	122	28120	MOUNT HOLLY	122

Table #7(T) ZIP Codes 27982 – 28120

Note: Refer to an atlas or map for places not listed.

ZIP CODES 28123 – 28258

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
28123	MOUNT MOURNE	124	28208	CHARLOTTE	112
28124	MOUNT PLEASANT	124	28209	CHARLOTTE	112
28125	MOUNT ULLA	124	28210	CHARLOTTE	112
28126	NEWELL	112	28211	CHARLOTTE	112
28127	NEW LONDON	124	28212	CHARLOTTE	112
28128	NORWOOD	124	28213	CHARLOTTE	112
28129	OAKBORO	124	28214	CHARLOTTE	112
28130	PAW CREEK	112	28215	CHARLOTTE	112
28133	PEACHLAND	124	28216	CHARLOTTE	112
28134	PINEVILLE	122	28217	CHARLOTTE	112
28135	POLKTON	124	28218	CHARLOTTE	112
28136	POLKVILLE	124	28219	CHARLOTTE	112
28137	RICHFIELD	124	28220	CHARLOTTE	112
28138	ROCKWELL	124	28221	CHARLOTTE	112
28139	RUTHERFORDTON	124	28222	CHARLOTTE	112
28144	SALISBURY	124	28223	CHARLOTTE	112
28145	SALISBURY	124	28224	CHARLOTTE	112
28146	SALISBURY	122	28226	CHARLOTTE	112
28147	SALISBURY	124	28227	CHARLOTTE	122
28150	SHELBY	124	28228	CHARLOTTE	112
28151	SHELBY	124	28229	CHARLOTTE	112
28152	SHELBY	124	28230	CHARLOTTE	112
28159	SPENCER	122	28231	CHARLOTTE	112
28160	SPINDALE	124	28232	CHARLOTTE	112
28163	STANFIELD	124	28233	CHARLOTTE	112
28164	STANLEY	124	28234	CHARLOTTE	112
28166	TROUTMAN	124	28235	CHARLOTTE	112
28167	UNION MILLS	124	28236	CHARLOTTE	112
28168	VALE	124	28237	CHARLOTTE	112
28169	WACO	124	28241	CHARLOTTE	112
28170	WADESBORO	124	28242	CHARLOTTE	112
28173	WAXHAW	124	28243	CHARLOTTE	112
28174	WINGATE	124	28244	CHARLOTTE	112
28201	CHARLOTTE	112	28246	CHARLOTTE	112
28202	CHARLOTTE	112	28247	CHARLOTTE	112
28203	CHARLOTTE	112	28253	CHARLOTTE	112
28204	CHARLOTTE	112	28254	CHARLOTTE	112
28205	CHARLOTTE	112	28255	CHARLOTTE	112
28206	CHARLOTTE	112	28256	CHARLOTTE	112
28207	CHARLOTTE	112	28258	CHARLOTTE	112

Table #8(T) ZIP Codes 28123 – 28258

Note: Refer to an atlas or map for places not listed.

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ZIP CODES 28260 – 28364

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
28260	CHARLOTTE	112	28318	AUTRYVILLE	123
28262	CHARLOTTE	112	28319	BARNESVILLE	123
28263	CHARLOTTE	112	28320	BLADENBORO	123
28265	CHARLOTTE	112	28323	BUNNLEVEL	123
28266	CHARLOTTE	112	28325	CALYPSO	123
28269	CHARLOTTE	112	28326	CAMERON	123
28270	CHARLOTTE	112	28327	CARTHAGE	124
28271	CHARLOTTE	122	28328	CLINTON	123
28272	CHARLOTTE	112	28329	CLINTON	123
28273	CHARLOTTE	112	28330	CORDOVA	124
28274	CHARLOTTE	112	28331	CUMBERLAND	120
28275	CHARLOTTE	112	28332	DUBLIN	123
28277	CHARLOTTE	122	28333	DUDLEY	123
28278	CHARLOTTE	112	28334	DUNN	123
28280	CHARLOTTE	112	28335	DUNN	123
28281	CHARLOTTE	112	28337	ELIZABETHTOWN	123
28282	CHARLOTTE	112	28338	ELLERBE	124
28284	CHARLOTTE	112	28339	ERWIN	123
28285	CHARLOTTE	112	28340	FAIRMONT	123
28287	CHARLOTTE	112	28341	FAISON	123
28288	CHARLOTTE	112	28342	FALCON	123
28289	CHARLOTTE	112	28343	GIBSON	123
28290	CHARLOTTE	112	28344	GODWIN	123
28296	CHARLOTTE	112	28345	HAMLET	124
28297	CHARLOTTE	112	28347	HOFFMAN	124
28299	CHARLOTTE	112	28348	HOPE MILLS	123
28301	FAYETTEVILLE	120	28349	KENANSVILLE	123
28302	FAYETTEVILLE	120	28350	LAKEVIEW	124
28303	FAYETTEVILLE	120	28351	LAUREL HILL	123
28304	FAYETTEVILLE	123	28352	LAURINBURG	123
28305	FAYETTEVILLE	120	28353	LAURINBURG	123
28306	FAYETTEVILLE	120	28355	LEMON SPRINGS	124
28307	FORT BRAGG	119	28356	LINDEN	120
28308	POPE ARMY AIRFIELD	120	28357	LUMBER BRIDGE	123
28309	FAYETTEVILLE	120	28358	LUMBERTON	123
28310	FORT BRAGG	119	28359	LUMBERTON	123
28311	FAYETTEVILLE	120	28360	LUMBERTON	123
28312	FAYETTEVILLE	123	28362	MARIETTA	123
28314	FAYETTEVILLE	120	28363	MARSTON	123
28315	ABERDEEN	124	28364	MAXTON	123

Table #9(T) ZIP Codes 28260 – 28364

Note: Refer to an atlas or map for places not listed.

ZIP CODES 28365 – 28460

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
28365	MOUNT OLIVE	123	28409	WILMINGTON	117
28366	NEWTON GROVE	123	28410	WILMINGTON	117
28367	NORMAN	124	28411	WILMINGTON	123
28368	OLIVIA	124	28412	WILMINGTON	117
28369	ORRUM	123	28420	ASH	123
28370	PINEHURST	124	28421	ATKINSON	123
28371	PARKTON	123	28422	BOLIVIA	123
28372	PEMBROKE	123	28423	BOLTON	123
28373	PINEBLUFF	124	28424	BRUNSWICK	123
28374	PINEHURST	124	28425	BURGAW	123
28375	PROCTORVILLE	123	28428	CAROLINA BEACH	117
28376	RAEFORD	123	28429	CASTLE HAYNE	117
28377	RED SPRINGS	123	28430	CERRO GORDO	123
28378	REX	123	28431	CHADBOURN	123
28379	ROCKINGHAM	124	28432	CLARENDON	123
28380	ROCKINGHAM	124	28433	CLARKTON	123
28382	ROSEBORO	123	28434	COUNCIL	123
28383	ROWLAND	123	28435	CURRIE	123
28384	SAINT PAULS	123	28436	DELCO	123
28385	SALEMBURG	123	28438	EVERGREEN	123
28386	SHANNON	123	28439	FAIR BLUFF	123
28387	SOUTHERN PINES	119	28441	GARLAND	123
28388	SOUTHERN PINES	119	28442	HALLSBORO	123
28390	SPRING LAKE	123	28443	HAMPSTEAD	123
28391	STEDMAN	123	28444	HARRELLS	123
28392	TAR HEEL	123	28445	HOLLY RIDGE	123
28393	TURKEY	123	28447	IVANHOE	123
28394	VASS	124	28448	KELLY	123
28395	WADE	123	28449	KURE BEACH	117
28396	WAGRAM	123	28450	LAKE WACCAMAW	123
28398	WARSAW	123	28451	LELAND	123
28399	WHITE OAK	123	28452	LONGWOOD	123
28401	WILMINGTON	117	28453	MAGNOLIA	123
28402	WILMINGTON	117	28454	MAPLE HILL	123
28403	WILMINGTON	117	28455	NAKINA	123
28404	WILMINGTON	123	28456	RIEGELWOOD	123
28405	WILMINGTON	117	28457	ROCKY POINT	123
28406	WILMINGTON	117	28458	ROSE HILL	123
28407	WILMINGTON	117	28459	SHALLOTTE	123
28408	WILMINGTON	117	28460	SNEADS FERRY	123

Table #10(T) ZIP Codes 28365 – 28460

Note: Refer to an atlas or map for places not listed.

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ZIP CODES 28461 – 28585

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
28461	SOUTHPORT	123	28532	HAVELOCK	123
28462	SUPPLY	123	28533	CHERRY POINT	123
28463	TABOR CITY	123	28537	HOBUCKEN	123
28464	TEACHEY	123	28538	HOOKERTON	123
28465	OAK ISLAND	123	28539	HUBERT	123
28466	WALLACE	123	28540	JACKSONVILLE	123
28467	CALABASH	123	28541	JACKSONVILLE	123
28468	SUNSET BEACH	123	28542	CAMP LEJEUNE	119
28469	OCEAN ISLE BEACH	123	28543	TARAWA TERRACE	119
28470	SHALLOTTE	123	28544	MIDWAY PARK	123
28472	WHITEVILLE	123	28545	MCCUTCHEON FIELD	123
28478	WILLARD	123	28546	JACKSONVILLE	123
28479	WINNABOW	123	28547	CAMP LEJEUNE	119
28480	WRIGHTSVILLE BEACH	117	28551	LA GRANGE	123
28501	KINSTON	123	28552	LOWLAND	123
28502	KINSTON	123	28553	MARSHALLBERG	123
28503	KINSTON	123	28554	MAURY	123
28504	KINSTON	121	28555	MAYSVILLE	123
28508	ALBERTSON	123	28556	MERRITT	123
28509	ALLIANCE	123	28557	MOREHEAD CITY	123
28510	ARAPAHOE	123	28560	NEW BERN	123
28511	ATLANTIC	123	28561	NEW BERN	123
28512	ATLANTIC BEACH	123	28562	NEW BERN	123
28513	AYDEN	123	28563	NEW BERN	123
28515	BAYBORO	123	28564	NEW BERN	123
28516	BEAUFORT	123	28570	NEWPORT	123
28518	BEULAVILLE	123	28571	ORIENTAL	123
28519	BRIDGETON	123	28572	PINK HILL	123
28520	CEDAR ISLAND	123	28573	POLLOCKSVILLE	123
28521	CHINQUAPIN	123	28574	RICHLANDS	123
28522	COMFORT	123	28575	SALTER PATH	123
28523	COVE CITY	123	28577	SEALEVEL	123
28524	DAVIS	123	28578	SEVEN SPRINGS	123
28525	DEEP RUN	123	28579	SMYRNA	123
28526	DOVER	123	28580	SNOW HILL	123
28527	ERNUL	123	28581	STACY	123
28528	GLOUCESTER	123	28582	STELLA	123
28529	GRANTSBORO	123	28583	STONEWALL	123
28530	GRIFTON	123	28584	SWANSBORO	123
28531	HARKERS ISLAND	123	28585	TRENTON	123

Table #11(T) ZIP Codes 28461 – 28585

Note: Refer to an atlas or map for places not listed.

ZIP CODES 28586 – 28681

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
28586	VANCEBORO	123	28640	JEFFERSON	124
28587	VANDEMERE	123	28641	JONAS RIDGE	124
28589	WILLISTON	123	28642	JONESVILLE	124
28590	WINTERVILLE	123	28643	LANSING	124
28594	EMERALD ISLE	123	28644	LAUREL SPRINGS	124
28601	HICKORY	124	28645	LENOIR	124
28602	HICKORY	124	28646	LINVILLE	124
28603	HICKORY	124	28647	LINVILLE FALLS	124
28604	BANNER ELK	124	28649	MC GRADY	124
28605	BLOWING ROCK	124	28650	MAIDEN	124
28606	BOOMER	124	28651	MILLERS CREEK	124
28607	BOONE	124	28652	MINNEAPOLIS	124
28608	BOONE	124	28653	MONTEZUMA	124
28609	CATAWBA	124	28654	MORAVIAN FALLS	124
28610	CLAREMONT	124	28655	MORGANTON	124
28611	COLLETTSVILLE	124	28656	NORTH WILKESBORO	124
28612	CONNELLY SPRINGS	124	28657	NEWLAND	124
28613	CONOVER	124	28658	NEWTON	124
28615	CRESTON	124	28659	NORTH WILKESBORO	124
28616	CROSSNORE	124	28660	OLIN	124
28617	CRUMPLER	124	28661	PATTERSON	124
28618	DEEP GAP	124	28662	PINEOLA	124
28619	DREXEL	124	28663	PINEY CREEK	124
28621	ELKIN	124	28664	PLUMTREE	124
28622	ELK PARK	124	28665	PURLEAR	124
28623	ENNICE	124	28666	ICARD	124
28624	FERGUSON	124	28667	RHODHISS	124
28625	STATESVILLE	124	28668	ROARING GAP	124
28626	FLEETWOOD	124	28669	ROARING RIVER	124
28627	GLADE VALLEY	124	28670	RONDA	124
28628	GLEN ALPINE	124	28671	RUTHERFORD COLLEGE	124
28629	GLENDALE SPRINGS	124	28672	SCOTTVILLE	124
28630	GRANITE FALLS	124	28673	SHERRILLS FORD	124
28631	GRASSY CREEK	124	28675	SPARTA	124
28633	LENOIR	124	28676	STATE ROAD	124
28634	HARMONY	124	28677	STATESVILLE	124
28635	HAYS	124	28678	STONY POINT	124
28636	HIDDENITE	124	28679	SUGAR GROVE	124
28637	HILDEBRAN	124	28680	MORGANTON	124
28638	HUDSON	124	28681	TAYLORSVILLE	124

Table #12(T) ZIP Codes 28586 – 28681

Note: Refer to an atlas or map for places not listed.

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ZIP CODES 28682 – 28770

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
28682	TERRELL	124	28728	ENKA	111
28683	THURMOND	124	28729	ETOWAH	124
28684	TODD	124	28730	FAIRVIEW	122
28685	TRAPHILL	124	28731	FLAT ROCK	124
28687	STATESVILLE	124	28732	FLETCHER	124
28688	TURNERSBURG	124	28733	FONTANA DAM	124
28689	UNION GROVE	124	28734	FRANKLIN	124
28690	VALDESE	124	28735	GERTON	124
28691	VALLE CRUCIS	124	28736	GLENVILLE	124
28692	VILAS	124	28737	GLENWOOD	124
28693	WARRENSVILLE	124	28738	HAZELWOOD	124
28694	WEST JEFFERSON	124	28739	HENDERSONVILLE	124
28697	WILKESBORO	124	28740	GREEN MOUNTAIN	124
28698	ZIONVILLE	124	28741	HIGHLANDS	124
28699	SCOTTS	124	28742	HORSE SHOE	124
28701	ALEXANDER	122	28743	HOT SPRINGS	124
28702	ALMOND	124	28744	FRANKLIN	124
28704	ARDEN	111	28745	LAKE JUNALUSKA	124
28705	BAKERSVILLE	124	28746	LAKE LURE	124
28707	BALSAM	124	28747	LAKE TOXAWAY	124
28708	BALSAM GROVE	124	28748	LEICESTER	122
28709	BARNARDSVILLE	122	28749	LITTLE SWITZERLAND	124
28710	BAT CAVE	124	28750	LYNN	124
28711	BLACK MOUNTAIN	122	28751	MAGGIE VALLEY	124
28712	BREVARD	124	28752	MARION	124
28713	BRYSON CITY	124	28753	MARSHALL	124
28714	BURNSVILLE	124	28754	MARS HILL	124
28715	CANDLER	111	28755	MICAVILLE	124
28716	CANTON	124	28756	MILL SPRING	124
28717	CASHIERS	124	28757	MONTREAT	122
28718	CEDAR MOUNTAIN	124	28758	MOUNTAIN HOME	124
28719	CHEROKEE	124	28759	MILLS RIVER	124
28720	CHIMNEY ROCK	124	28760	NAPLES	124
28721	CLYDE	124	28761	NEBO	124
28722	COLUMBUS	124	28762	OLD FORT	124
28723	CULLOWHEE	124	28763	OTTO	124
28724	DANA	124	28765	PENLAND	124
28725	DILLSBORO	124	28766	PENROSE	124
28726	EAST FLAT ROCK	124	28768	PISGAH FOREST	124
28727	EDNEYVILLE	124	28770	RIDGECREST	122

Table #13(T) ZIP Codes 28682 – 28770

Note: Refer to an atlas or map for places not listed.

ZIP CODES 28771 – 28909

ZIP Codes/Territories In Numerical Order By ZIP Code					
ZIP Code	USPS ZIP Code Name	Territory	ZIP Code	USPS ZIP Code Name	Territory
28771	ROBBINSVILLE	124	28792	HENDERSONVILLE	124
28772	ROSMAN	124	28793	HENDERSONVILLE	124
28773	SALUDA	124	28801	ASHEVILLE	111
28774	SAPPHIRE	124	28802	ASHEVILLE	111
28775	SCALY MOUNTAIN	124	28803	ASHEVILLE	111
28776	SKYLAND	111	28804	ASHEVILLE	111
28777	SPRUCE PINE	124	28805	ASHEVILLE	111
28778	SWANNANOA	122	28806	ASHEVILLE	111
28779	SYLVA	124	28810	ASHEVILLE	111
28781	TOPTON	124	28813	ASHEVILLE	111
28782	TRYON	124	28814	ASHEVILLE	111
28783	TUCKASEGEE	124	28815	ASHEVILLE	111
28784	TUXEDO	124	28816	ASHEVILLE	111
28785	WAYNESVILLE	124	28901	ANDREWS	124
28786	WAYNESVILLE	124	28902	BRASSTOWN	124
28787	WEAVERVILLE	122	28903	CULBERSON	124
28788	WEBSTER	124	28904	HAYESVILLE	124
28789	WHITTIER	124	28905	MARBLE	124
28790	ZIRCONIA	124	28906	MURPHY	124
28791	HENDERSONVILLE	124	28909	WARNE	124

Table #14(T) ZIP Codes 28771 – 28909

Note: Refer to an atlas or map for places not listed.

**NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL
COMMERCIAL AUTOMOBILE LIABILITY RATES SECTION**

NOTES

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

(State Code 32)

COMMERCIAL AUTOMOBILE LIABILITY RATES

BODILY INJURY FACTORS

Limits Identifier Code (3)

Limit of Liability (1000's)	Limit Code	1. Light and Medium Trucks	2. Heavy Trucks and Truck-Tractors	3. Extra Heavy Trucks and Truck-Tractors	4. Trucks, Tractors, and Trailers Zone Rated	5. All Other Risks
\$ 30/60	49	1.00	1.00	1.00	1.00	1.00
85/85	52	1.27	1.35	1.38	1.60	1.27
50/100	49	1.20	1.24	1.27	1.45	1.24
100/100	52	1.36	1.46	1.57	1.79	1.37
100/300	52	1.69	1.82	1.97	2.45	1.72
100/500	55	1.79	2.05	2.16	2.80	1.85
300/300	64	2.09	2.36	2.57	3.39	2.09
250/500	61	2.16	2.55	2.73	3.65	2.22
400/400	68	2.29	2.69	2.93	3.96	2.33
500/500	68	2.48	2.93	3.21	4.45	2.55
750/750	73	2.88	3.46	3.88	5.44	2.96
1,000/1,000	73	3.21	3.91	4.42	6.31	3.29
1,500/1,500	74	3.68	4.62	5.28	7.63	3.76
2,000/2,000	75	4.12	5.22	6.01	8.79	4.20
2,500/2,500	76	4.42	5.75	6.69	9.77	4.58
5,000/5,000	79	5.68	7.63	9.08	13.52	5.84
7,500/7,500	82	6.56	8.95	10.75	16.15	6.72
10,000/10,000	85	7.13	9.81	11.84	17.86	7.29
12,500/12,500	86	7.47	10.33	12.49	18.89	7.63
15,000/15,000	86	7.66	10.62	12.85	19.46	7.82

NORTH CAROLINA REINSURANCE FACILITY
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PROPERTY DAMAGE FACTORS

Limits Identifier Code (3)

Limit of Liability (1000's)	Limit Code	1. Light and Medium Trucks	2. Heavy Trucks and Truck- Tractors	3. Extra Heavy Trucks and Truck- Tractors	4. Trucks, Tractors, and Trailers Zone Rated	5. All Other Risks
\$ 25	5	1.00	1.00	1.00	1.00	1.00
30	6	1.01	1.01	1.01	1.02	1.01
50	8	1.05	1.05	1.05	1.07	1.04
85	9	1.09	1.09	1.09	1.14	1.09
100	10	1.10	1.10	1.10	1.15	1.10
300	14	1.15	1.15	1.15	1.25	1.15
400	15	1.16	1.17	1.16	1.28	1.16
500	16	1.17	1.18	1.17	1.30	1.17
750	17	1.19	1.20	1.19	1.33	1.19
1,000	18	1.20	1.21	1.21	1.36	1.20
1,500	19	1.22	1.23	1.25	1.42	1.22
2,000	20	1.23	1.25	1.28	1.46	1.24
2,500	21	1.24	1.27	1.30	1.48	1.25
5,000	23	1.27	1.30	1.33	1.54	1.27
7,500	24	1.29	1.32	1.35	1.58	1.28
10,000	25	1.30	1.33	1.36	1.61	1.29
12,500	26	1.31	1.34	1.37	1.63	1.30
15,000	26	1.32	1.35	1.38	1.64	1.31

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

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COMMERCIAL AUTOMOBILE LIABILITY RATES

LIGHT AND MEDIUM TRUCKS

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		\$30/60	\$50/100	\$100/300	\$25	\$50	\$500	\$1,000	\$2,000
111	Nonfleet	\$291	\$349	\$492	\$336	\$353	\$ 85	\$102	\$112
	Fleet	320	384	541	370	389			
112	Nonfleet	534	641	902	617	648	156	187	205
	Fleet	587	704	992	679	713			
113	Nonfleet	374	449	632	432	454	109	131	144
	Fleet	411	493	695	475	499			
114	Nonfleet	360	432	608	417	438	105	126	138
	Fleet	396	475	669	459	482			
115	Nonfleet	295	354	499	341	358	86	103	113
	Fleet	325	390	549	375	394			
116	Nonfleet	413	496	698	477	501	121	145	159
	Fleet	454	545	767	525	551			
117	Nonfleet	330	396	558	381	400	96	116	127
	Fleet	363	436	613	419	440			
118	Nonfleet	330	396	558	381	400	96	116	127
	Fleet	363	436	613	419	440			
119	Nonfleet	270	324	456	312	328	79	95	104
	Fleet	297	356	502	343	360			
120	Nonfleet	389	467	657	450	473	114	136	149
	Fleet	428	514	723	495	520			
121	Nonfleet	342	410	578	396	416	100	120	131
	Fleet	376	451	635	436	458			
122	Nonfleet	340	408	575	394	414	99	119	131
	Fleet	374	449	632	433	455			
123	Nonfleet	267	320	451	309	324	78	93	103
	Fleet	294	353	497	340	357			
124	Nonfleet	288	346	487	333	350	84	101	111
	Fleet	317	380	536	366	384			

HIRED CAR	Bodily Injury \$30/60	Property Damage \$25
All Territories	\$0.47	\$0.60

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

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COMMERCIAL AUTOMOBILE LIABILITY RATES

HEAVY TRUCKS AND TRUCK-TRACTORS

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		\$30/60	\$50/100	\$100/300	\$25	\$50	\$500	\$1,000	\$2,000
111	Nonfleet	\$291	\$361	\$ 530	\$336	\$353	\$ 85	\$102	\$112
	Fleet	320	397	582	370	389			
112	Nonfleet	534	662	972	617	648	156	187	205
	Fleet	587	728	1,068	679	713			
113	Nonfleet	374	464	681	432	454	109	131	144
	Fleet	411	510	748	475	499			
114	Nonfleet	360	446	655	417	438	105	126	138
	Fleet	396	491	721	459	482			
115	Nonfleet	295	366	537	341	358	86	103	113
	Fleet	325	403	592	375	394			
116	Nonfleet	413	512	752	477	501	121	145	159
	Fleet	454	563	826	525	551			
117	Nonfleet	330	409	601	381	400	96	116	127
	Fleet	363	450	661	419	440			
118	Nonfleet	330	409	601	381	400	96	116	127
	Fleet	363	450	661	419	440			
119	Nonfleet	270	335	491	312	328	79	95	104
	Fleet	297	368	541	343	360			
120	Nonfleet	389	482	708	450	473	114	136	149
	Fleet	428	531	779	495	520			
121	Nonfleet	342	424	622	396	416	100	120	131
	Fleet	376	466	684	436	458			
122	Nonfleet	340	422	619	394	414	99	119	131
	Fleet	374	464	681	433	455			
123	Nonfleet	267	331	486	309	324	78	93	103
	Fleet	294	365	535	340	357			
124	Nonfleet	288	357	524	333	350	84	101	111
	Fleet	317	393	577	366	384			

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COMMERCIAL AUTOMOBILE LIABILITY RATES

EXTRA HEAVY TRUCKS AND TRUCK-TRACTORS

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		\$30/60	\$50/100	\$100/300	\$25	\$50	\$500	\$1,000	\$2,000
111	Nonfleet	\$291	\$370	\$ 573	\$336	\$353	\$ 85	\$102	\$112
	Fleet	320	406	630	370	389			
112	Nonfleet	534	678	1,052	617	648	156	187	205
	Fleet	587	745	1,156	679	713			
113	Nonfleet	374	475	737	432	454	109	131	144
	Fleet	411	522	810	475	499			
114	Nonfleet	360	457	709	417	438	105	126	138
	Fleet	396	503	780	459	482			
115	Nonfleet	295	375	581	341	358	86	103	113
	Fleet	325	413	640	375	394			
116	Nonfleet	413	525	814	477	501	121	145	159
	Fleet	454	577	894	525	551			
117	Nonfleet	330	419	650	381	400	96	116	127
	Fleet	363	461	715	419	440			
118	Nonfleet	330	419	650	381	400	96	116	127
	Fleet	363	461	715	419	440			
119	Nonfleet	270	343	532	312	328	79	95	104
	Fleet	297	377	585	343	360			
120	Nonfleet	389	494	766	450	473	114	136	149
	Fleet	428	544	843	495	520			
121	Nonfleet	342	434	674	396	416	100	120	131
	Fleet	376	478	741	436	458			
122	Nonfleet	340	432	670	394	414	99	119	131
	Fleet	374	475	737	433	455			
123	Nonfleet	267	339	526	309	324	78	93	103
	Fleet	294	373	579	340	357			
124	Nonfleet	288	366	567	333	350	84	101	111
	Fleet	317	403	624	366	384			

NORTH CAROLINA REINSURANCE FACILITY
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COMMERCIAL AUTOMOBILE LIABILITY RATES

PRIVATE PASSENGER TYPES

	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
	\$30/60	\$50/100	\$100/300	\$25	\$50	\$500	\$1,000	\$2,000
Territory								
111	\$338	\$419	\$581	\$383	\$398	\$33	\$42	\$48
112	491	609	845	556	578	48	61	70
113	390	484	671	442	460	38	49	55
114	313	388	538	355	369	30	39	44
115	349	433	600	396	412	34	44	50
116	378	469	650	428	445	37	47	54
117	441	547	759	499	519	43	55	63
118	348	432	599	394	410	34	44	49
119	330	409	568	374	389	32	41	47
120	411	510	707	466	485	40	51	58
121	376	466	647	426	443	36	47	53
122	360	446	619	407	423	35	45	51
123	352	436	605	399	415	34	44	50
124	330	409	568	374	389	32	41	47

NORTH CAROLINA REINSURANCE FACILITY
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COMMERCIAL AUTOMOBILE LIABILITY RATES

TAXIS AND LIMOUSINES

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		\$30/60	\$50/100	\$100/300	\$25	\$50	\$500	\$1,000	\$2,000
111	Nonfleet	\$1,848	\$2,292	\$3,179	\$1,482	\$1,541	\$340	\$399	\$456
	Fleet	2,033	2,521	3,497	1,630	1,695			
112	Nonfleet	3,391	4,205	5,833	2,721	2,830	624	732	838
	Fleet	3,730	4,625	6,416	2,993	3,113			
113	Nonfleet	2,375	2,945	4,085	1,905	1,981	437	513	587
	Fleet	2,613	3,240	4,494	2,096	2,180			
114	Nonfleet	2,286	2,835	3,932	1,839	1,913	421	494	565
	Fleet	2,515	3,119	4,326	2,023	2,104			
115	Nonfleet	1,873	2,323	3,222	1,504	1,564	345	405	463
	Fleet	2,060	2,554	3,543	1,654	1,720			
116	Nonfleet	2,623	3,253	4,512	2,104	2,188	483	567	648
	Fleet	2,885	3,577	4,962	2,314	2,407			
117	Nonfleet	2,096	2,599	3,605	1,680	1,747	386	453	518
	Fleet	2,306	2,859	3,966	1,848	1,922			
118	Nonfleet	2,096	2,599	3,605	1,680	1,747	386	453	518
	Fleet	2,306	2,859	3,966	1,848	1,922			
119	Nonfleet	1,715	2,127	2,950	1,376	1,431	316	370	424
	Fleet	1,887	2,340	3,246	1,514	1,575			
120	Nonfleet	2,470	3,063	4,248	1,985	2,064	454	534	610
	Fleet	2,717	3,369	4,673	2,184	2,271			
121	Nonfleet	2,172	2,693	3,736	1,746	1,816	400	469	536
	Fleet	2,389	2,962	4,109	1,921	1,998			
122	Nonfleet	2,159	2,677	3,713	1,738	1,808	397	466	533
	Fleet	2,375	2,945	4,085	1,912	1,988			
123	Nonfleet	1,695	2,102	2,915	1,363	1,418	312	366	419
	Fleet	1,865	2,313	3,208	1,499	1,559			
124	Nonfleet	1,829	2,268	3,146	1,469	1,528	337	395	452
	Fleet	2,012	2,495	3,461	1,616	1,681			

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COMMERCIAL AUTOMOBILE LIABILITY RATES

SCHOOL AND CHURCH BUSES

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		\$30/60	\$50/100	\$100/300	\$25	\$50	\$500	\$1,000	\$2,000
111	Nonfleet	\$227	\$281	\$390	\$198	\$206	\$51	\$ 60	\$ 69
	Fleet	250	310	430	218	227			
112	Nonfleet	417	517	717	364	379	94	111	128
	Fleet	459	569	789	400	416			
113	Nonfleet	292	362	502	255	265	66	78	89
	Fleet	321	398	552	281	292			
114	Nonfleet	281	348	483	246	256	63	75	86
	Fleet	309	383	531	271	282			
115	Nonfleet	230	285	396	201	209	52	61	70
	Fleet	253	314	435	221	230			
116	Nonfleet	322	399	554	281	292	72	86	99
	Fleet	354	439	609	309	321			
117	Nonfleet	257	319	442	225	234	58	68	79
	Fleet	283	351	487	248	258			
118	Nonfleet	257	319	442	225	234	58	68	79
	Fleet	283	351	487	248	258			
119	Nonfleet	211	262	363	184	191	47	56	65
	Fleet	232	288	399	202	210			
120	Nonfleet	303	376	521	266	277	68	81	93
	Fleet	333	413	573	293	305			
121	Nonfleet	267	331	459	234	243	60	71	82
	Fleet	294	365	506	257	267			
122	Nonfleet	265	329	456	232	241	60	70	81
	Fleet	292	362	502	255	265			
123	Nonfleet	208	258	358	182	189	47	55	64
	Fleet	229	284	394	200	208			
124	Nonfleet	225	279	387	196	204	51	60	69
	Fleet	248	308	427	216	225			

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COMMERCIAL AUTOMOBILE LIABILITY RATES

ALL OTHER BUSES

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		\$30/60	\$50/100	\$100/300	\$25	\$50	\$500	\$1,000	\$2,000
111	Nonfleet	\$1,475	\$1,829	\$2,537	\$ 823	\$ 856	\$196	\$229	\$258
	Fleet	1,623	2,013	2,792	905	941			
112	Nonfleet	2,707	3,357	4,656	1,512	1,572	360	420	474
	Fleet	2,978	3,693	5,122	1,663	1,730			
113	Nonfleet	1,896	2,351	3,261	1,058	1,100	252	294	332
	Fleet	2,086	2,587	3,588	1,164	1,211			
114	Nonfleet	1,825	2,263	3,139	1,022	1,063	243	283	319
	Fleet	2,008	2,490	3,454	1,124	1,169			
115	Nonfleet	1,496	1,855	2,573	835	868	199	232	262
	Fleet	1,646	2,041	2,831	919	956			
116	Nonfleet	2,094	2,597	3,602	1,169	1,216	279	325	366
	Fleet	2,303	2,856	3,961	1,286	1,337			
117	Nonfleet	1,673	2,075	2,878	933	970	223	259	293
	Fleet	1,840	2,282	3,165	1,026	1,067			
118	Nonfleet	1,673	2,075	2,878	933	970	223	259	293
	Fleet	1,840	2,282	3,165	1,026	1,067			
119	Nonfleet	1,369	1,698	2,355	764	795	182	212	240
	Fleet	1,506	1,867	2,590	840	874			
120	Nonfleet	1,972	2,445	3,392	1,103	1,147	262	306	345
	Fleet	2,169	2,690	3,731	1,213	1,262			
121	Nonfleet	1,734	2,150	2,982	970	1,009	231	269	303
	Fleet	1,907	2,365	3,280	1,067	1,110			
122	Nonfleet	1,724	2,138	2,965	965	1,004	229	267	302
	Fleet	1,896	2,351	3,261	1,062	1,104			
123	Nonfleet	1,354	1,679	2,329	757	787	180	210	237
	Fleet	1,489	1,846	2,561	833	866			
124	Nonfleet	1,460	1,810	2,511	816	849	194	226	256
	Fleet	1,606	1,991	2,762	898	934			

NORTH CAROLINA REINSURANCE FACILITY
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COMMERCIAL AUTOMOBILE LIABILITY RATES

VAN POOLS

Territory	Class	Bodily Injury Limit			Property Damage Limit		Medical Payments Limit		
		\$30/60	\$50/100	\$100/300	\$25	\$50	\$500	\$1,000	\$2,000
111	Nonfleet	\$239	\$296	\$411	\$276	\$287	\$ 70	\$ 84	\$ 92
	Fleet	263	326	452	304	316			
112	Nonfleet	438	543	753	506	526	128	153	168
	Fleet	482	598	829	557	579			
113	Nonfleet	307	381	528	354	368	90	107	118
	Fleet	338	419	581	389	405			
114	Nonfleet	295	366	507	342	356	86	103	113
	Fleet	325	403	559	376	391			
115	Nonfleet	242	300	416	280	291	71	85	93
	Fleet	266	330	458	308	320			
116	Nonfleet	339	420	583	391	407	99	119	130
	Fleet	373	463	642	430	447			
117	Nonfleet	271	336	466	312	324	79	95	104
	Fleet	298	370	513	343	357			
118	Nonfleet	271	336	466	312	324	79	95	104
	Fleet	298	370	513	343	357			
119	Nonfleet	221	274	380	256	266	65	77	85
	Fleet	243	301	418	282	293			
120	Nonfleet	319	396	549	369	384	93	112	122
	Fleet	351	435	604	406	422			
121	Nonfleet	280	347	482	325	338	82	98	108
	Fleet	308	382	530	358	372			
22	Nonfleet	279	346	480	323	336	81	98	107
	Fleet	307	381	528	355	369			
123	Nonfleet	219	272	377	253	263	64	77	84
	Fleet	241	299	415	278	289			
124	Nonfleet	236	293	406	273	284	69	83	91
	Fleet	260	322	447	300	312			

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COMMERCIAL AUTOMOBILE LIABILITY RATES

AUTO DEALERS

		Bodily Injury Limit			Property Damage Limit	
		\$30/60	\$50/100	\$100/300	\$25	\$50
Territory	Class					
111	Dealers	\$533	\$ 661	\$ 917	\$545	\$567
112	Dealers	821	1018	1,412	839	873
113	Dealers	604	749	1,039	616	641
114	Dealers	600	744	1,032	613	638
115	Dealers	535	663	920	546	568
116	Dealers	734	910	1,262	750	780
117	Dealers	570	707	980	582	605
118	Dealers	609	755	1,047	622	647
119	Dealers	436	541	750	446	464
120	Dealers	637	790	1,096	651	677
121	Dealers	633	785	1,089	647	673
122	Dealers	580	719	998	592	616
123	Dealers	468	580	805	478	497
124	Dealers	470	583	808	480	499

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

(State Code 32)

COMMERCIAL AUTOMOBILE LIABILITY RATES

STATE RATE SCHEDULES

TRUCKS, TRACTORS, AND TRAILERS

State	Class	Bodily Injury Limit \$30/60	Property Damage Limit \$25	Medical Payments Limit		
				\$500	\$1,000	\$2,000
Georgia	Nonfleet	\$1,922	\$ 718	\$ 561	\$ 673	\$ 738
	Fleet	2,114	790			
Florida	Nonfleet	3,065	658	895	1,073	1,177
	Fleet	3,372	724			
New Jersey	Nonfleet	2,828	1,542	826	990	1,086
	Fleet	3,111	1,696			
New York	Nonfleet	4,029	1,110	1,176	1,410	1,547
	Fleet	4,432	1,221			
South Carolina	Nonfleet	1,267	691	370	443	487
	Fleet	1,394	760			
Tennessee	Nonfleet	828	564	242	290	318
	Fleet	911	620			
Virginia	Nonfleet	1,819	1,037	531	637	698
	Fleet	2,001	1,141			
All Other States	Nonfleet	1,748	713	510	612	671
	Fleet	1,923	784			

OTHER BUSES

State	Class	Bodily Injury Limit \$30/60	Property Damage Limit \$25	Medical Payments Limit		
				\$500	\$1,000	\$2,000
Georgia	Nonfleet	\$ 7,195	\$2,692	\$ 957	\$1,115	\$1,259
	Fleet	7,915	2,961			
Florida	Nonfleet	11,739	2,515	1,561	1,820	2,054
	Fleet	12,913	2,767			
New Jersey	Nonfleet	16,565	9,035	2,203	2,568	2,899
	Fleet	18,222	9,939			
New York	Nonfleet	17,627	4,790	2,344	2,732	3,085
	Fleet	19,390	5,269			
South Carolina	Nonfleet	2,419	1,320	322	375	423
	Fleet	2,661	1,452			
Tennessee	Nonfleet	3,186	2,169	424	494	558
	Fleet	3,505	2,386			
Virginia	Nonfleet	14,006	7,982	1,863	2,171	2,451
	Fleet	15,407	8,780			
All Other States	Nonfleet	6,733	2,888	895	1,044	1,178
	Fleet	7,406	3,177			

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

(State Code 32)

ZONE RATING TABLE—GARAGED IN NORTH CAROLINA
ZONE 05 (CHARLOTTE) COMBINATIONS

Zone	Liability Non Fleet	Zone	Liability Non Fleet	Zone	Liability Non Fleet	Zone	Liability Non Fleet
01 Atlanta	\$1,834 BI 1,615 PD 354 MP **201	13 Houston	\$1,836 BI 1,617 PD 354 MP **213	25 New Orleans	\$1,858 BI 1,636 PD 359 MP **225	37 Tulsa	\$1,836 BI 1,617 PD 354 MP **237
02 Balt.- Wash.	1,809 BI 1,592 PD 349 MP **202	14 Indian- apolis	1,590 BI 1,400 PD 307 MP **214	26 N.Y. City	1,809 BI 1,592 PD 349 MP **226	40 Pacific	2,103 BI 1,852 PD 406 MP **240
03 Boston	1,933 BI 1,702 PD 373 MP **203	15 Jack- sonville	1,834 BI 1,615 PD 354 MP **215	27 Okla.- City	1,836 BI 1,617 PD 354 MP **227	41 Moun- tain	2,333 BI 2,053 PD 450 MP **241
04 Buffalo	1,809 BI 1,592 PD 349 MP **204	16 Kansas City	1,891 BI 1,665 PD 365 MP **216	28 Omaha	1,891 BI 1,665 PD 365 MP **228	42 Mid- west	1,941 BI 1,709 PD 375 MP **242
05 Char- lotte	1,834 BI 1,615 PD 354 MP **205	17 Little Rock	1,836 BI 1,617 PD 354 MP **217	29 Phoenix	2,273 BI 2,001 PD 439 MP **229	43 South- west	1,885 BI 1,659 PD 364 MP **243
06 Chicago	1,590 BI 1,400 PD 307 MP **206	18 Los Angeles	2,049 BI 1,804 PD 395 MP **218	30 Phila- delphia	1,809 BI 1,592 PD 349 MP **230	44 North- Central	1,632 BI 1,437 PD 315 MP **244
07 Cincin- nati	1,590 BI 1,400 PD 307 MP **207	19 Louis- ville	1,772 BI 1,560 PD 342 MP **219	31 Pitts- burgh	1,809 BI 1,592 PD 349 MP **231	45 Mid- east	1,818 BI 1,601 PD 351 MP **245
08 Cleve- land	1,590 BI 1,400 PD 307 MP **208	20 Mem- phis	1,772 BI 1,560 PD 342 MP **220	32 Portland	2,049 BI 1,804 PD 395 MP **232	46 Gulf	1,907 BI 1,679 PD 368 MP **246
09 Dallas Ft.	1,836 BI 1,617 PD 354 MP **209	21 Miami	1,834 BI 1,615 PD 354 MP **221	33 Rich- mond	1,834 BI 1,615 PD 354 MP **233	47 South- east	1,883 BI 1,658 PD 363 MP **247
10 Denver	2,273 BI 2,001 PD 439 MP **210	22 Mil- waukee	1,891 BI 1,665 PD 365 MP **222	34 St. Louis	1,891 BI 1,665 PD 365 MP **234	48 Northeast	1,856 BI 1,634 PD 358 MP **248
11 Detroit	1,590 BI 1,400 PD 307 MP **211	23 Minn.- St. Paul	1,891 BI 1,665 PD 365 MP **223	35 Salt Lake City	2,273 BI 2,001 PD 439 MP **235	49 New England	1,984 BI 1,747 PD 383 MP **249
12 Hart- ford	1,933 BI 1,702 PD 373 MP **212	24 Nash- ville	1,772 BI 1,560 PD 342 MP **224	36 San Fran.	2,049 BI 1,804 PD 395 MP **236		

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

(State Code 32)

ZONE RATING TABLE—GARAGED IN NORTH CAROLINA
ZONE 47 (SOUTHEAST) COMBINATIONS

Zone	Liability Non Fleet	Zone	Liability Non Fleet	Zone	Liability Non Fleet	Zone	Liability Non Fleet
01 Atlanta	\$1,883 BI 1,658 PD 363 MP **901	13 Houston	\$1,885 BI 1,659 PD 364 MP **913	25 New Orleans	\$1,907 BI 1,679 PD 368 MP **925	37 Tulsa	\$1,885 BI 1,659 PD 364 MP **937
02 Balt.- Wash.	1,856 BI 1,634 PD 358 MP **902	14 Indian- apolis	1,632 BI 1,437 PD 315 MP **914	26 N.Y. City	1,856 BI 1,634 PD 358 MP **926	40 Pacific	2,157 BI 1,899 PD 416 MP **940
03 Boston	1,984 BI 1,747 PD 383 MP **903	15 Jack- sonville	1,883 BI 1,658 PD 363 MP **915	27 Okla.- City	1,885 BI 1,659 PD 364 MP **927	41 Moun- tain	2,393 BI 2,106 PD 462 MP **941
04 Buffalo	1,856 BI 1,634 PD 358 MP **904	16 Kansas City	1,941 BI 1,709 PD 375 MP **916	28 Omaha	1,941 BI 1,709 PD 375 MP **928	42 Mid- west	1,991 BI 1,753 PD 384 MP **942
05 Char- lotte	1,883 BI 1,658 PD 363 MP **905	17 Little Rock	1,885 BI 1,659 PD 364 MP **917	29 Phoenix	2,333 BI 2,053 PD 450 MP **929	43 South- west	1,933 BI 1,702 PD 373 MP **943
06 Chicago	1,632 BI 1,437 PD 315 MP **906	18 Los Angeles	2,103 BI 1,852 PD 406 MP **918	30 Phila- delphia	1,856 BI 1,634 PD 358 MP **930	44 North- Central	1,674 BI 1,474 PD 323 MP **944
07 Cincin- nati	1,632 BI 1,437 PD 315 MP **907	19 Louis- ville	1,818 BI 1,601 PD 351 MP **919	31 Pitts- burgh	1,856 BI 1,634 PD 358 MP **931	45 Mid- east	1,865 BI 1,642 PD 360 MP **945
08 Cleve- land	1,632 BI 1,437 PD 315 MP **908	20 Mem- phis	1,818 BI 1,601 PD 351 MP **920	32 Portland	2,103 BI 1,852 PD 406 MP **932	46 Gulf	1,956 BI 1,722 PD 378 MP **946
09 Dallas Ft.	1,885 BI 1,659 PD 364 MP **909	21 Miami	1,883 BI 1,658 PD 363 MP **921	33 Rich- mond	1,883 BI 1,658 PD 363 MP **933	47 South- east	1,931 BI 1,700 PD 373 MP **947
10 Denver	2,333 BI 2,053 PD 450 MP **910	22 Mil- waukee	1,941 BI 1,709 PD 375 MP **922	34 St. Louis	1,941 BI 1,709 PD 375 MP **934	48 Northeast	1,904 BI 1,676 PD 367 MP **948
11 Detroit	1,632 BI 1,437 PD 315 MP **911	23 Minn.- St. Paul	1,941 BI 1,709 PD 375 MP **923	35 Salt Lake City	2,333 BI 2,053 PD 450 MP **935	49 New England	2,035 BI 1,792 PD 393 MP **949
12 Hart- ford	1,984 BI 1,747 PD 383 MP **912	24 Nash- ville	1,818 BI 1,601 PD 351 MP **924	36 San Fran.	2,103 BI 1,852 PD 406 MP **936		

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

(State Code 32)

ZONE RATING TABLE—GARAGED IN STATES OTHER THAN NORTH CAROLINA

REGION

Zone		40	41	42	43	44	45	46	47	48	49
40 Pacific	BI	\$2,225	\$2,349	\$1,535	\$2,311	\$1,798	\$1,715	\$2,056	\$2,194	\$2,639	\$1,753
	PD	2,343	2,475	1,616	2,435	1,894	1,807	2,166	2,311	2,780	1,847
	MP	428	452	295	445	346	330	396	422	508	337
41 Moun- tain	BI	2,349	1,245	1,742	1,760	2,017	1,968	2,327	2,434	2,210	1,710
	PD	2,475	1,312	1,834	1,854	2,124	2,073	2,451	2,563	2,328	1,801
	MP	452	240	335	339	388	379	448	468	425	329
42 Mid- West	BI	1,535	1,742	1,219	1,361	1,632	1,649	1,941	2,024	1,832	2,154
	PD	1,616	1,834	1,284	1,434	1,719	1,737	2,045	2,133	1,930	2,268
	MP	295	335	235	262	314	317	373	390	352	414
43 South- West	BI	2,311	1,760	1,361	1,448	1,888	1,639	2,119	1,967	2,511	1,485
	PD	2,435	1,854	1,434	1,525	1,988	1,726	2,232	2,071	2,646	1,564
	MP	445	339	262	279	363	315	408	378	483	286
44 North Central	BI	1,798	2,017	1,632	1,888	1,457	1,768	1,882	1,703	1,795	1,881
	PD	1,894	2,124	1,719	1,988	1,535	1,862	1,983	1,794	1,891	1,981
	MP	346	388	314	363	280	340	362	328	345	362
45 Mid- East	BI	1,715	1,968	1,649	1,639	1,768	1,977	1,785	1,897	1,840	1,682
	PD	1,807	2,073	1,737	1,726	1,862	2,082	1,880	1,998	1,938	1,772
	MP	330	379	317	315	340	380	343	365	354	324
46 Gulf	BI	2,056	2,327	1,941	2,119	1,882	1,785	2,148	1,989	2,259	2,021
	PD	2,166	2,451	2,045	2,232	1,983	1,880	2,263	2,095	2,379	2,128
	MP	396	448	373	408	362	343	413	383	435	389
47 South- East	BI	2,194	2,434	2,024	1,967	1,703	1,897	1,989	1,964	1,937	2,069
	PD	2,311	2,563	2,133	2,071	1,794	1,998	2,095	2,068	2,041	2,180
	MP	422	468	390	378	328	365	383	378	373	398
48 Eastern	BI	2,639	2,210	1,832	2,511	1,795	1,840	2,259	1,937	1,889	1,834
	PD	2,780	2,328	1,930	2,646	1,891	1,938	2,379	2,041	1,989	1,931
	MP	508	425	352	483	345	354	435	373	363	353
49 New England	BI	1,753	1,710	2,154	1,485	1,881	1,682	2,021	2,069	1,834	1,753
	PD	1,847	1,801	2,268	1,564	1,981	1,772	2,128	2,180	1,931	1,847
	MP	337	329	414	286	362	324	389	398	353	337

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

EFFECTIVE DATES

STANDARD PRACTICES SECTION

A	October 26, 2016
B	October 26, 2016
C	October 26, 2016
D	October 26, 2016
E	October 26, 2016
F	October 26, 2016
G	October 26, 2016
H	April 1, 2020

GENERAL RULES SECTION

Rule 1.	June 1, 2010
Rule 2.	April 1, 2020
Rule 3.	June 1, 2010
Rule 4.	April 1, 2020
Rule 5.	June 1, 2010
Rule 6.	June 1, 2010
Rule 7.	June 1, 2010
Rule 8.	April 20, 2016
Rule 9.	June 1, 2010
Rule 10.	June 1, 2010

COMMON COVERAGES SECTION

Rule 11.	June 1, 2010
Rule 12.	April 1, 2020
Rule 13.	June 1, 2010
Rule 14.	June 1, 2010
Rule 15.	June 1, 2010
Rule 16.	June 1, 2010
Rule 17.	June 1, 2010
Rule 18.	June 1, 2010
Rule 19.	April 1, 2020
Rule 20.	June 1, 2010
Rule 21.	June 1, 2010
Rule 22.	June 1, 2010
Rule 23.	June 1, 2010
Rule 24.	June 1, 2010
Rule 25.	Reserved for Future Use
Rule 26.	Reserved for Future Use
Rule 27.	Reserved for Future Use
Rule 28.	Reserved for Future Use
Rule 29.	Reserved for Future Use
Rule 30.	Reserved for Future Use

TRUCKS, TRACTORS, AND TRAILERS SECTION

Rule 31.	December 1, 2010
Rule 32.	April 1, 2017
Rule 33.	April 15, 2021
Rule 34.	December 1, 2010
Rule 35.	April 1, 2019
Rule 36.	Reserved for Future Use
Rule 37.	Reserved for Future Use
Rule 38.	Reserved for Future Use
Rule 39.	Reserved for Future Use
Rule 40.	Reserved for Future Use

PUBLIC TRANSPORTATION SECTION

Rule 41.	June 1, 2010
Rule 42.	April 1, 2017
Rule 43.	June 1, 2010

Rule 44.	April 1, 2019
Rule 45.	December 1, 2010
Rule 46.	Reserved for Future Use
Rule 47.	Reserved for Future Use
Rule 48.	Reserved for Future Use
Rule 49.	Reserved for Future Use
Rule 50.	Reserved for Future Use

GARAGE AND AUTO DEALERS SECTION

Garage Dealers Section

Rule 51.	June 1, 2010
Rule 52.	June 1, 2010
Rule 53.	June 1, 2010

Auto Dealers Section

Rule 54.	October 1, 2013
Rule 55.	October 1, 2013

SPECIAL TYPES AND OPERATIONS SECTION

Rule 56.	June 1, 2010
Rule 57.	June 1, 2010
Rule 58.	December 1, 2010
Rule 59.	December 1, 2010
Rule 60.	June 1, 2010
Rule 61.	June 1, 2010
Rule 62.	June 1, 2010
Rule 63.	June 1, 2010
Rule 64.	December 1, 2010
Rule 65.	June 1, 2010
Rule 66.	December 1, 2010
Rule 67.	June 1, 2010
Rule 68.	April 1, 2019
Rule 69.	June 1, 2010
Rule 70.	June 1, 2010
Rule 71.	June 1, 2010
Rule 72.	June 1, 2010
Rule 73.	June 1, 2010
Rule 74.	Reserved for Future Use
Rule 75.	Reserved for Future Use
Rule 76.	Reserved for Future Use
Rule 77.	Reserved for Future Use
Rule 78.	Reserved for Future Use
Rule 79.	Reserved for Future Use
Rule 80.	Reserved for Future Use
Rule 81.	Reserved for Future Use
Rule 82.	Reserved for Future Use
Rule 83.	Reserved for Future Use
Rule 84.	Reserved for Future Use
Rule 85.	Reserved for Future Use
Rule 86.	Reserved for Future Use
Rule 87.	Reserved for Future Use
Rule 88.	Reserved for Future Use
Rule 89.	Reserved for Future Use
Rule 90.	Reserved for Future Use

SUPPLEMENTARY RATING PROCEDURES SECTION

Rule 91.	June 1, 2010
Rule 92.	June 1, 2010
Rule 93.	Reserved for Future Use
Rule 94.	June 1, 2010

NORTH CAROLINA REINSURANCE FACILITY
COMMERCIAL AUTOMOBILE MANUAL

TERRITORIES SECTION

October 1, 2022

COMMERCIAL AUTOMOBILE LIABILITY RATES SECTION

State Rates

October 1, 2022

Zone Rates

April 1, 2019

October 1, 2022

**PRE-FILED TESTIMONY
of
JOANNA BILIOURIS**

OCTOBER 2023

**2023 COMMERCIAL AUTOMOBILE INSURANCE RATE FILING
BY THE NORTH CAROLINA REINSURANCE FACILITY**

- Q. Would you state your full name and business address?
- A. My name is Joanna Biliouris. My business address is 2910 Sumner Blvd, Raleigh, North Carolina 27616.
- Q. Are you employed by the North Carolina Reinsurance Facility ("Facility")?
- A. Yes.
- Q. In what capacity?
- A. I am the General Manager.
- Q. What is the Facility's function with respect to rates for commercial automobile insurance?
- A. The Facility promulgates rates for commercial automobile liability insurance written in North Carolina that is ceded to the Facility.
- Q. Can you identify the document (Exhibit RF-1) dated October 30, 2023?
- A. Yes. This is a portion of a filing ("Filing") that is dated October 30, 2023, submitted by the Facility to the Honorable Mike Causey, Commissioner of Insurance, with respect to revised commercial automobile liability insurance rates in North Carolina for ceded business. The entire Filing is comprised of Exhibits RF-1 through RF-5.
- Q. Do you know how the expense data underlying the Filing were compiled?
- A. Yes. The underwriting expense provisions included in the Filing were derived on the basis of a special call for expense experience that is issued on an annual basis to all member companies of the Facility. The responses received from that special call were compiled, checked, and furnished to Insurance Services Office ("ISO") for incorporation into the Filing.

- Q. Do you know how the exposure and loss data underlying the Filing were compiled?
- A. Yes. The exposure and loss data used in the Filing were collected by Facility staff pursuant to a special call for detailed exposure and loss experience for ceded commercial auto business. The special call was issued to companies whose ceded business make up more than 95% of the total ceded commercial auto business in the latest year of the experience period. Facility staff collected and reviewed the information reported pursuant to that data call, and staff worked with the individual companies to resolve any questions arising from their review of the responses. Facility staff then furnished the results of that data call to ISO, and ISO also reviewed the data call results for reasonableness.
- Q. Was the information from the special call for expense experience and the special call for exposure and loss experience that was furnished to ISO and utilized in the Filing correct and accurate to the best of your knowledge, information and belief?
- A. Yes.
- Q. Can you identify the document (Exhibit RF-2) entitled the North Carolina Reinsurance Facility Commercial Automobile Manual of Rules and Rates?
- A. Yes. The North Carolina Reinsurance Facility Commercial Automobile Manual of Rules and Rates is a manual of the rules, rates and classifications used to write commercial automobile liability insurance ceded to the Facility. This manual and any approved amendments are on file with the North Carolina Department of Insurance and a copy is maintained at the offices of the Facility.
- Q. To the extent that actuarial expertise was necessary in the preparation of this Filing, where did the Facility obtain that expertise?
- A. Actuarial expertise was obtained from ISO. ISO is retained by the Facility to provide actuarial services to the Facility for, among numerous other things, preparation of this Filing. The Facility's Rating Committee reviewed the data underlying the Filing and made recommendations to the Board of Governors of the Facility as to the items contained in the Filing. In addition, the Facility has an actuary on its staff who assisted in the review and the preparation of the Filing.
- Q. What is the proposed effective date of the rates in the Filing?
- A. The rate review was prepared with the assumption that the effective date would be April 1, 2024 and that the new rates will apply to all policies becoming effective on or after April 1, 2024.
- Q. Does the Filing include, to the extent available, the information to be furnished in connection with the filings under Article 37 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.

Q. Does that complete your pre-filed testimony?

A. Yes.

PRE-FILED TESTIMONY

OF

JAMES DAVIDSON

COMMERCIAL AUTOMOBILE INSURANCE RATE FILING

BY THE NORTH CAROLINA REINSURANCE FACILITY

October, 2023

Q. Please state your name and business address.

A. My name is James Davidson. My business address is Insurance Services Office, Inc., 545 Washington Boulevard, Jersey City, New Jersey 07310.

Q. By whom are you employed?

A. I am employed by Insurance Services Office ("ISO") and have been employed by ISO since May 27, 2003.

Q. What are your responsibilities at ISO?

A. I am the Senior Actuarial Director for Commercial Casualty Lines (including Automobile) at ISO. My responsibilities include the management of ISO's total ratemaking operation as it pertains to commercial automobile insurance. We are generally responsible for doing everything that pertains to ratemaking for the commercial automobile coverages, including reviewing experience, making filings, analysis of classification plans, etc.

ISO is involved in ratemaking for the commercial automobile coverages in general in virtually all states plus the District of Columbia and Puerto Rico.

Q. What is your employment background?

A. When I was first employed by ISO, I was an Analyst in ISO's Increased Limits and Rating Plans Division, where I was involved in conducting increased limit reviews for various lines of business, both Personal and Commercial. I was promoted to various positions through the years, including Actuarial Manager in 2013, when I became responsible for Increased Limit reviews for both Personal and Commercial Auto. In 2015, I was promoted to Actuarial Director for Commercial Auto, and in 2019 was promoted to my current position as Senior Actuarial Director for Commercial Casualty Lines.

Q. What is your background in actuarial science and your educational background?

A. I have a Bachelor of Arts degree in Mathematics from the University of Connecticut. I am a Fellow of the Casualty Actuarial Society ("CAS") and a member of the American Academy of Actuaries, and I am in good standing with both organizations.

Q. Are you familiar with automobile experience review procedures in other states?

A. Yes. As part of my duties at ISO, I am familiar with data collection and experience review procedures in use in other states as well as in North Carolina. I have participated in reviews for Commercial Automobile for many states. I am responsible at the present time for supervising the preparation of loss cost filings for all jurisdictions where ISO acts as an advisory organization.

Q. What work have you performed with respect to the Reinsurance Facility Commercial Automobile rate filing in North Carolina?

A. Through ISO, I have been involved in the preparation of the Commercial Automobile rate filing for the Reinsurance Facility in two respects. First, Reinsurance Facility staff collected rate-related data from a significant number of the companies which cede Commercial Automobile liability insurance to the North Carolina Reinsurance Facility (NCRF). ISO reviewed the data for reasonableness and then compiled all of the data and put them in proper format to determine whether loss costs are adequate or inadequate. Second, we provide consulting actuarial services directly to the Reinsurance Facility. My staff and I worked closely with the North Carolina

Reinsurance Facility staff and the NCRF Rating Committee with respect to the ratemaking procedures and trends that are utilized in the filing. The Rating Committee is comprised of several member companies of the Facility plus one of the agent members of the Facility's Board of Governors.

Q. What is the nature of this filing labeled Exhibits RF-1 through RF-5?

A. The Reinsurance Facility's filing is identified as Exhibits RF-1 through RF-5. The ratemaking experience is reflected in Exhibit RF-1 and is, in general, supplied by the individual companies. The data are submitted to the NCRF, and are subject to a series of verification edits and then consolidated into a format and detail necessary for ratemaking.

This filing revises the North Carolina Reinsurance Facility basic limits rates and increased limits factors for Commercial Automobile bodily injury liability, property damage liability and medical payments. Separate filed amounts are determined for Trucks, Tractors, & Trailers, Private Passenger Types, Auto Dealers, Zone Rated Risks, and Publics. The filed amounts by coverage, as shown on page "a" of Exhibit RF-1, are:

Major Class	Basic Limits	Increased Limits	Combined
	Filed Change	Filed Change	
Trucks, Tractors, & Trailers			
Bodily Injury	+10.6%	+0.9%	+11.6%
Property Damage	+18.1%	+3.1%	+21.8%
Combined	+12.9%	+1.6%	+14.7%
Private Passenger Types			
Bodily Injury	+26.9%	+0.6%	+27.7%
Property Damage	+45.8%	+1.4%	+47.8%
Combined	+34.5%	+0.9%	+35.7%

Auto Dealers			
Bodily Injury	-5.3%	+0.6%	-4.7%
Property Damage	+2.5%	+1.1%	+3.6%
Combined	-2.3%	+0.8%	-1.5%
Zone Rated Risks			
Bodily Injury	+4.1%	+1.2%	+5.3%
Property Damage	+20.1%	+5.5%	+26.7%
Combined	+6.8%	+1.9%	+8.8%
Publics			
Bodily Injury	-0.9%	+0.8%	-0.1%
Property Damage	-1.7%	+2.2%	+0.4%
Combined	-1.1%	0.0%	-1.1%
Grand Total			
Bodily Injury	+8.1%	+1.0%	+9.2%
Property Damage	+17.9%	+3.6%	+22.1%
Combined	+10.8%	+1.7%	+12.7%

- Q. Mr. Davidson, what is the assumed effective date which was used in the preparation of the present filing?
- A. The actuarial calculations assume an effective date of April 1, 2024. This is the effective date proposed for the filing.
- Q. What data are utilized in Exhibit RF-1, Section B?
- A. With respect to Exhibit RF-1, the supporting data for the basic limits rate level changes for bodily injury liability and property damage liability are contained in Section B. Five years of premium and loss experience are used for each of the Trucks, Tractors, & Trailers, Private Passenger Types, Auto Dealers, and Zone Rated coverages in Section B. The years are the latest available.

For all classes, the loss experience used in the filing is what we call "accident year" experience. The five years of experience used in the filing are the accident years ending December 31, 2018 to December 31, 2022. For example, the losses for the accident year ended December 31, 2018 consist of all losses caused by accidents which occurred during the one-year period ended December 31, 2018. If an accident occurred December 31, 2018 and resulted in either a loss being paid or reserve being established, that loss would be a part of the accident year losses for the period ended December 31, 2018. The test for assigning losses to accident years is the date the accident occurred.

Q. How is Exhibit RF-1 arranged?

A. Exhibit RF-1 is divided into eight sections. Sections A and B display the exhibits where the rate level changes are determined. Exhibit 1 of Section A shows the overall calculation of the basic limits rate level changes by major class and coverage. Exhibits 1, 2, 3 and 4 of Section B display the adjustment of the losses and calculation of the rate level loss ratios for Trucks, Tractors, & Trailers, Private Passenger Types, Auto Dealers and Zone Rated Risks respectively. Section C presents the exhibits of revised rates. Section D provides the supporting exhibits for loss development, trend, expenses, credibility, contingency, and investment income. Sections E, F, and G contain the analysis of Increased Limits Factors. Section H contains the analysis of the Publics relativities.

Q. Mr. Davidson, please turn to the exhibit labeled Section B, Exhibit 1 of Exhibit RF-1. Would you explain what that exhibit is?

A. This exhibit consists of two sheets - 1&2 - which display the loss and premium data for the Trucks, Tractors, & Trailers liability coverages for the North Carolina Reinsurance Facility. Sheet 1 displays the calculation of the rate level loss ratio for bodily injury and property damage coverages for the Trucks, Tractors, & Trailers classes. Sheet 2 displays the adjustment of the experience period incurred losses and loss adjustment expenses used on Section B, Exhibit 1, Sheet 1. The data shown are for ceded business; they are the experience on policies that are placed in the Reinsurance Facility.

My testimony will concentrate on the calculations underlying the Trucks, Tractors, & Trailers bodily injury coverage on this exhibit. This is done to simplify the explanations and to provide examples of the calculations in the filing. Although I will be focusing my testimony on the Trucks, Tractors, & Trailers bodily injury coverage, the concepts and explanations apply to the other classes and coverages unless stated otherwise.

Q. Column (1) on Section B, Exhibit 1, Sheet 1 for bodily injury contains a reference to "30/60/25". What does that mean?

A. These are the minimum bodily injury and property damage liability policy limits (in thousands) which are needed to comply with the current financial responsibility laws in North Carolina. While this rate review is not dependent on the minimum limits required under the financial responsibility law, it contains increased limit factors which allow carriers to adjust limits as needed. What we are doing in this section of the filing is calculating the rate change that is needed for this "basic limits" coverage. For the purpose of the filing, we assume that losses are "capped" at these basic limits and that the premium which is charged is the premium for the basic limits coverage at existing rates. This means the indicated rate change we get from the calculation is the actuarially sound rate assuming all the ceded risks purchased basic limits coverage. The use of the "basic limits" premiums and losses for the purpose of determining statewide average rates is a proper procedure to be followed and is widely accepted. To illustrate how it works, assume that a risk bought a policy with 100/300 bodily injury policy limits and had an accident which caused the risk's insurer to make a payment to a claimant of \$75,000. The premium which is shown in column 1 is the premium which the policy would have cost the risk at today's rates assuming that the risk had bought only the 30/60 basic limits. The unadjusted losses which are shown in row 1 of this exhibit, sheet 2 would include only \$30,000 as opposed to the \$75,000 total loss.

Q. Referring again to column 1, Section B, Exhibit 1, Sheet 1 entitled "Earned Premium at Present Rates," what does the figure \$23,789,359 represent and how was it determined?

A. It represents the total amount of premium which would have been paid by Facility policyholders for basic limits Trucks, Tractors, & Trailers bodily injury coverage for accident year ending

12/31/2022 if current Facility rates had been in effect. It is calculated by extending the exposures at the current Facility rates.

Q. Are the earned premium at present rates for the other classes and coverages calculated in the same manner?

A. Yes. The earned premiums at present rates for the other classes are calculated in the same manner.

Q. Turning to row 1 on Sheet 2 of this exhibit under the bodily injury column, what are "incurred losses and allocated loss adjustment expenses"?

A. The incurred losses in row 1 are the losses resulting from accidents which occurred during the one-year period ending December 31, 2022 or one of the preceding one-year periods, as noted. These figures include both losses which have already been paid as well as losses which are not yet paid and are represented by outstanding claim reserves. The figure also includes allocated loss adjustment expenses. Allocated loss adjustment expenses are expenses which relate to a specific claim. For example, the fees which an insurance company pays to attorneys to defend a claim or to outside adjusters to investigate that claim would be classified as allocated loss adjustment expenses. On the other hand, adjustment-related expenses which cannot be identified to a specific claim are called unallocated loss adjustment expenses. An example of this would be the salaries and overhead associated with operating a company's in-house claims department. Allocated loss adjustment expenses are included in the row 1 figures; unallocated loss adjustment expenses are not.

Q. Have the losses and allocated loss adjustment expenses as reported by the companies been adjusted in any way?

A. Yes, there are several adjustments. First, as I mentioned earlier, ratemaking is done on a basic limits basis. For that reason, we adjust the reported losses by eliminating those losses which exceed the amount which would have been paid had the policy limits been 30/60. The second adjustment results from the use of a loss development factor. Third is the inclusion of unallocated loss adjustment expense. Finally, trend is applied to the reported losses.

- Q. What is the purpose of adjusting the reported losses by applying a loss development factor?
- A. Reported losses need to be adjusted for loss development in order to appropriately reflect the late emergence of claims as well as changes in the value of known claims. This is accomplished through the use of loss development factors. For Trucks, Tractors, & Trailers, the losses as they are reported cover all accidents which occurred during the year-ended periods 12/31/2018 to 12/31/2022. When they are reported they are evaluated as of March 31, 2023. As of this date, some of the losses have already been paid and some have not, i.e., they are represented by loss reserves. The loss reserves, of course, are estimates of what will ultimately be paid on these outstanding claims. Since we want the estimates to be as accurate as possible, we look at history to see how losses have changed, or "developed," in the past from the time they were initially reported to the time they were ultimately paid. For example, if we look back and see that historically there has been a 1% increase in the amount of losses from the time they were initially reported as reserves until the time they were ultimately paid, we would logically assume that the same development pattern will hold true for losses incurred during future accident years. Accordingly, we would make an adjustment by increasing the losses as they are initially reported by 1%.
- Q. What causes losses to change or develop as you have described?
- A. The losses which are paid as of the date of the initial reporting, of course, do not change. As to the reserve portion of the losses, however, changes would typically result from the fact that the ultimate loss payments are more or less than estimated at the time of the initial report. Another factor would be the late reporting of claims. For example, if an accident occurred on December 26 of any given year and for some reason was not reported to the company in a timely fashion, it might very well be that the losses as initially reported would not include any provision for that particular claim. By the time of the next year's evaluation, however, the claim would have worked its way into the system and the total loss would include either the paid amount or the reserved amount for that particular claim. This would cause an upward development in the losses as initially reported.

- Q. Would you please turn to Exhibit 1 of Section D of Exhibit RF-1 and explain how the loss development factors for Trucks, Tractors, & Trailers bodily injury and property damage were calculated?
- A. The Trucks, Tractors, & Trailers bodily injury loss development factors are calculated on Sheets 1 through 4 of this Exhibit. The data are North Carolina only experience reported for policies ceded to the Facility. Link ratios for several twelve-month periods have been calculated and then averaged. The resulting link ratio averages are then multiplied to produce loss development factors to ultimate settlement. The ultimate settlement is assumed to be 63 months.
- Q. Are the incurred losses for the other classes and coverages determined in the same manner as you just testified for the Trucks, Tractors, & Trailers bodily injury and property damage coverage?
- A. Yes.
- Q. Do you have an opinion as to whether the incurred losses for all the classes and coverages in the filing which are shown in row 2 of sheet 2 of Exhibits 1, 2, 3, & 4 of Section B accurately represent the ultimate value of liability losses and allocated loss adjustment expense?
- A. Yes, I do.
- Q. What is that opinion?
- A. I believe that the losses and allocated loss adjustment expenses shown on row 2 of Sheet 2 of Exhibits 1, 2, 3, & 4 of Section B do accurately represent the expected ultimate value of those losses.
- Q. Please refer to row 3 of Section B, Exhibit 1, Sheet 2. With reference to the column headed "Bodily Injury", please tell us what the figure \$812,905 represents.
- A. These are the unallocated loss adjustment expenses associated with accidents that occurred in the accident year ended December 31, 2022. As I explained earlier, unallocated loss adjustment expenses are those loss adjustment expenses which cannot be attributed on an accident-by-

accident basis. As to the number itself, footnote (B) notes that it is 5.6% of the figure shown in row 2 - developed losses and allocated loss adjustment expense. Each year a special call is sent to the Facility's member companies for expense-related data. The most recent special call showed that unallocated loss adjustment expenses for the calendar year ended December 31, 2022 were 5.6% of incurred losses and allocated loss adjustment expenses for the same period. Thus, it is reasonable and appropriate to use the same 5.6% figure to arrive at the unallocated loss adjustment expense in row 3 of this Exhibit.

Q. Have you reviewed the compilation of the expense data furnished by the Facility's member companies in response to the special call?

A. Yes, I have. When we get the expense information from the Reinsurance Facility, we routinely review it for reasonableness.

Q. Are loss adjustment expenses for property damage coverages calculated in the same manner that you testified with respect to the bodily injury coverages?

A. Yes. The same procedures are utilized. Again, the appropriate factor for each coverage is utilized in the filing. These factors are set forth in footnote (B) of Sheet 2 of Section B, Exhibits 1, 2, 3, & 4.

Q. Do you have an opinion as to the reasonableness and reliability of the loss adjustment expenses set forth in row 3 of Section B, Exhibits 1, 2, 3, & 4, Sheet 2?

A. Yes, I do.

Q. What is that opinion?

A. In my opinion the figures shown in row 3 for each of the classes and coverages and years in the filing are reasonable and reliable.

Q. Referring again to Section B, Exhibit 1, Sheet 2, please explain what is meant by row 4 -- Average Annual Change in Loss Ratios.

A. Using the assumed April 1, 2024 effective date, what we are doing in the filing is making rates to cover policies issued during the period April 1, 2024 to March 31, 2025. In order to do that, it is necessary to project the amount of losses which will be covered under policies issued during that period. Since we know that losses change because of such things as changes in accident frequency and changes in injury and damage costs, it would not be appropriate to assume that the losses covered under these policies will be the same as the losses which are shown in row 2 for the accident years ended 12/31/2018 to 12/31/2022. The purpose of row 4 is to trend the losses which are shown in row 2 to the anticipated level for policies issued in the 4/1/2024 - 3/31/2025 period. Row 4 shows what is generally referred to as the trend factor. It is the anticipated annualized rate of change in losses. For the bodily injury liability coverage, the annual factor is +7.0% per year. In order to apply that annual trend to policies to be written under the new rates, the trend is applied over a period from 6.750 years for the 12/31/2018 experience to 2.750 years for the 12/31/2022 experience, as shown in footnote (C). Mathematically, this is done by raising the factor of 1.070 to the 6.750 power, or the power for the appropriate year. This gives you the total amount of the trend projection.

Q. What components does the average annual change in losses include?

A. The average annual change in losses, which is also known as the average annual change in "pure premium," can be divided into two components. The first is the average annual change in claim frequency, and the second is the average annual change in claim cost.

Q. What are the changes in these two components which have been used for the bodily injury liability coverage in the filing?

A. For the bodily injury liability coverage, the filing uses an average annual change in claim cost of 7.0%, and an average annual change in claim frequency of 0.0%. These percentages are shown in Section D, Exhibit 2 of Exhibit RF-1.

Q. How were the average annual changes in claim cost and claim frequency determined?

A. They were determined by an analysis of past experience, separately for claim cost and claim frequency. For claim cost, trend lines, which are technically referred to as exponential curves, were determined for several different time intervals in order to determine what the actual changes have been in the recent past. The data from which the trends were calculated are the cost data for ISO companies writing Commercial Automobile voluntary insurance in North Carolina as well as multistate data. These data are what we generally refer to as "internal trend" data. After making these calculations to determine what the past changes in loss severity have been, we analyzed the historical trends and considered other relevant factors which would affect our judgment as to whether those historical trends are likely to continue into the future. Based on that review and analysis, the Rating Committee exercised its informed judgment and selected the severity trends which are utilized in the filing. Historically, frequency trend for commercial auto liability has been quite variable, often cyclical in nature. As a result, an exponential curve like the one used for severity trend does not fit the data well over the long term. Frequency trend is being selected to be 0.0% for bodily injury and 0.0% for property damage to reflect the recent pattern in frequency trend as well as the economic environment. The claim cost and claim frequency data are shown in Section D, Exhibit 2.

Q. In your opinion, are the annual loss trends used in the filing reasonable estimates of the prospective annual changes in losses in North Carolina?

A. Yes, they are.

Q. Please refer to row 5 of Section B, Exhibit 1, Sheet 2 of Exhibit RF-1 and explain what the purpose of that line is.

A. The average annual change in expenses of 5.5% represents the appropriate prospective change in general expenses, other acquisition expenses and unallocated loss adjustment expenses. These expenses are treated as fixed expenses and do not vary in direct relationship to the actual premium dollars. These expenses represent salaries, overhead, rents and other expenses that should vary according to general economic trends and not as a direct function of how premium increases or decreases. For example, commissions are calculated as a percent of premium. If the premium rate goes up a certain percentage, the dollars of commission go up by the same percentage. On the other hand, the salary paid to an employee in the Home Office, which is a

part of general expenses or other acquisition expenses, is not directly tied to premium. Just because premium may go up 10% does not mean that the employee's salary will go up 10%. The salary will be influenced by general economic trends and not by what the premium level is doing. That is why general expenses, other acquisition expenses and unallocated loss adjustment expenses are treated differently from those expenses that vary as a function of premium in this filing.

Q. Would you explain the derivation of the 5.5% factor in row 5?

A. The 5.5% factor is based on an analysis of the latest average annual changes in the All Items CPI (both including and excluding energy), and the Compensation Cost Index. The Rating Committee included the analysis using the All Items CPI (excluding energy) because it was concerned that the recent volatility in energy prices has made the All Items CPI more volatile and therefore less valuable as a predictor of future costs. A weighted average of 25% of the All Items CPI, 25% of the All Items (excluding energy) CPI and 50% of the Compensation Cost Index is utilized to estimate changes in these expenses. The data are shown in Section D, Exhibit 3 of Exhibit RF-1. Based on an analysis of these data, a selected expense trend factor of +5.5% is quite reasonable.

Q. Would you explain row 6 of Section B, Exhibit 1, Sheet 2 labeled "trended losses and loss adjustment expenses"?

A. The figures in row 6 are calculated by applying trend factors to the developed losses and allocated loss adjustment expenses in row 2 and the unallocated loss adjustment expenses in row 3. The trend factors are based on the selected annual trends shown in rows 4 and 5 raised to the appropriate power. The trended loss and loss adjustment expenses are the loss and loss adjustment expenses expected to prevail for policies issued in the one year period 4/1/2024 through 3/31/2025. These loss and loss adjustment expenses are then used in Section B, Exhibit 1, Sheet 1 to calculate the loss and loss adjustment ratios in column 3.

Q. Turning back to Section B, Exhibit 1, Sheet 1, how are the loss and loss adjustment ratios in column 3 used?

- A. These loss and loss adjustment ratios are used in a series of steps to calculate the rate level loss ratio shown in row 10. We use five years of Facility experience to calculate the rate level loss ratio in order to ensure stable indications. The table of weights used in weighting these loss and loss adjustment ratios is shown on Section D, Exhibit 5. Whenever appropriate, we assign a greater weight to the latest year. The weights used for the Trucks, Tractors, & Trailers classes are shown in column 4 of Section B, Exhibit 1, Sheet 1. The resulting weighted loss and loss adjustment ratios are shown in row 6. The next step in calculating the rate level loss ratio is accounting for the credibility of the experience. Credibility is based upon the five year total of claims for the coverage. The standard for full credibility is 1084 claims for Trucks, Tractors, & Trailers and Private Passenger Types, and 683 for Zone Rated. The tables for determining partial credibility are shown in Section D, Exhibit 5. The weighted loss and loss adjustment ratios are assigned credibility based on these tables. The complement of credibility is assigned to the adjusted expected loss ratio shown in row 8. For the Trucks, Tractors, & Trailers classes, the number of claims exceeds the full credibility standard so a credibility of 1.00 is given to the weighted loss and loss adjustment ratio in row 6. This results in the rate level loss ratios in row 10 being equal to the weighted loss and loss adjustment ratios in row 6.
- Q. Would you explain the purpose of row 7 - "expected loss ratio" and row 8 - "adjusted expected loss ratio" more fully?
- A. The expected loss ratio is the percentage of the premium dollar you will have available to pay for loss and loss adjustment expenses. The adjusted expected loss ratio represents what you would expect the loss and loss adjustment expense ratio to be without benefit of any later experience since the last filing. It is calculated by applying the average combined loss and loss adjustment expense trend factor to the expected loss ratio.
- Q. What is the source of the expense provisions shown in footnote (C) on Section B, Exhibit 1, Sheet 1?
- A. With the exception of the underwriting profit and contingency factors, they were calculated from the North Carolina Special Expense Call for 2022 data. We used the expense ratios collected under the special call with two exceptions. For commissions, a 10% provision is assumed for Trucks, Tractors, & Trailers and Private Passenger Types, and a 5% provision is assumed for

Zone Rated Risks since these are the minimum commission allowances for Facility business. For Garages, an additional 3% provision is added to the general expense provision to account for expenses specific to these classes; that is, expenses due to inspection costs and auditing of exposures. This percentage is a reasonable and historically accepted estimate of the additional expense incurred in writing and servicing a garage policy. The general expense provisions for the other classes of business were reduced so that, overall, the general expense provisions used average to the provisions indicated by the special call.

Q. What is the significance of the rate level loss ratio shown for Trucks, Tractors, & Trailers bodily injury in row 10 of Section B, Exhibit 1, Sheet 1?

A. The figure of 0.856 means that losses and loss adjustment expenses will be lower than premium income by 14.4%. This means the Facility would make 14.4 cents on every premium dollar before considering contingencies, commissions, other acquisition costs, general expense and taxes, licenses and fees. The rate level loss ratio is used on Exhibit 1 of Section A to determine the rate level indications after accounting for the remaining expenses and the investment income of the Facility.

Q. Referring now to Exhibit 1 of Section A, would you explain how the rate level loss ratio is used?

A. The rate level loss ratio in row 1 of Section A, Exhibit 1 is added to the trended fixed expense ratio in row 2 and the sum is displayed in row 3. The resulting ratio accounts for losses, loss adjustment expenses, other acquisition costs and general expenses.

Q. Would you explain the trended expense ratio?

A. The trended expense ratio is the sum of the expense provisions for other acquisition costs and general expenses adjusted for 2.25 years of trend. The assumption underlying this ratio is that these expenses are adequately provided for at this time but need to be adjusted to reflect the appropriate level for the prospective period. As I mentioned earlier in my testimony, other acquisition costs and general expenses are treated as fixed expenses and do not vary in direct relationship to the actual premium dollars. As stated in footnote (a) on Section A, Exhibit 1, the

calculation of the trended expense ratio uses an average annual expense trend of +5.5%. Earlier in my testimony, I explained the derivation of this trend factor.

Q. What is the significance of the ratio 0.970 shown on row 3 for Trucks, Tractors, & Trailers bodily injury of Section A, Exhibit 1?

A. This ratio means that the Facility would make 3.0 cents on every premium dollar before considering the remaining variable expenses - commissions and taxes, licenses and fees, and contingencies - and before reflecting investment income.

Q. Would you explain the ratio 0.827 on row 4 labeled "expected loss ratio + expected fixed expense ratio"?

A. This ratio represents the percentage of the premium dollar available to cover losses, loss adjustment expenses, other acquisition costs and general expenses. Mathematically, it is calculated as 1.00 minus the provision for commissions (which is 10%) and taxes, licenses and fees (2.3%) and contingency (5%).

Q. Mr. Davidson, would you please explain how the rate level change is calculated?

A. Rows 5 and 6 of Section A, Exhibit 1 display the results of the calculated rate level changes. Row 5 shows the calculation of the rate level change without reflecting investment income; row 6 is the same calculation but with the reflection of investment income. Basically, the rate level indication without reflecting investment income results from the comparison of the projected loss and fixed expense ratio shown on row 3 to the provision for losses and fixed expenses shown on row 4. Investment income is reflected by modifying the provision in row 4. We use an investment income provision of 5.01%, the derivation of which I will discuss later in my testimony. Mathematically, this investment income provision of 5.01% is added to the expected loss and fixed expense provision of 82.7% to obtain a provision of 87.71% available to cover losses and fixed expenses. The indicated rate level changes reflecting investment income result from the comparison of the projected loss and fixed expense ratio on row 3 to this provision of 87.71%. For Trucks, Tractors, & Trailers bodily injury, the projected loss & fixed expense ratio of 0.970 is greater than 0.8771 and thus indicates a rate level change (after reflecting investment

income) of +10.6%. The effect of investment income on the indication for Trucks, Tractors & Trailers bodily injury is to reduce the indication by 6.7 percentage points overall.

Q. Are the calculations for the other classes and coverages on Section A, Exhibit 1, performed in essentially the same manner as the 30/60 Trucks, Tractors, & Trailers bodily injury coverage?

A. Yes.

Q. Mr. Davidson, please turn to Section D, Exhibit 6 of Exhibit RF-1. What do these pages represent?

A. This exhibit details what are commonly known as "State X" calculations. They are calculations of the estimated investment earnings on unearned premium reserves and loss and loss expense reserves. Each line is explained, and the appropriate data source is cited.

Q. Would you explain the calculations.

A. Part A in Sheet 1 is the determination of the average unearned premium reserve for the ceded liability coverages for the State of North Carolina. Line 1 gives the earned premium for the calendar year ended December 31, 2022. From the earned premium the mean unearned premium reserve is calculated. The portion of the earned premium that is held as unearned premium reserve is determined from the average unearned premium reserve for the year 2021. In this case, the mean unearned premium reserve is 44.4% of the earned premium. You must then deduct prepaid expenses since these prepaid dollars would not be available to earn investment income.

For Commission and Brokerage expense, 100% of the expense provision is considered pre-paid. For Taxes, Licenses and Fees, 83% is considered pre-paid, and for Other Acquisition expense and Company Operating expense, one-half is considered pre-paid.

Line A-5 shows the amount of unearned premium reserves that were available for investment.

Part B calculates the impact that the delayed remission associated with the lag in the transfer of funds to the companies has on funds available for investment. The average agents balance is 20.5% of premiums. The calculation of this 20.5% is shown in the explanatory notes. The average agents balance includes amounts that have been booked as written premiums but have not been paid by insureds due to installment premium plans.

Part C shows the calculations of the expected mean loss reserves held by the companies. Line C-2 entitled Expected Incurred Losses and Loss Adjustment Expenses is based upon the expense provisions utilized in the filing. The expected mean loss reserve in line C-3 is based upon the 2020 and 2021 ratios of mean loss reserves to incurred losses for commercial auto data only.

Part D adds up the unearned premium reserves subject to investment and the loss reserves subject to investment and backs out the amount that is not invested due to delayed remissions. This gives you the total amount of unearned premium reserves and loss and loss expense reserves available for investment.

Once you have determined how much is available for investment, you then apply the average investment return to determine total investment earnings. This estimate was provided to us by the Facility. Line E shows an average rate of return of 3.22%.

Applying the yield in line E to the net subject to investment in line D gives you the total investment earnings in North Carolina. Line G merely relates the total earnings to the earned premium in line A-1 to show a yield of 5.01% as a percent of earned premium.

Q. Mr. Davidson, were these State X pages prepared by you or under your direct supervision and are they correct to the best of your knowledge and belief?

A. Yes.

Q. Do you have an opinion as to whether the State X calculations accurately set forth the estimated investment earnings on unearned premium reserves and loss and loss expense reserves as a percentage of direct earned premium for the North Carolina Reinsurance Facility, and if so, what is that opinion?

- A. Yes. In my opinion they accurately set forth the estimated investment earnings on unearned premium reserves and loss and loss expense reserves as a percentage of direct earned premium for the North Carolina Reinsurance Facility.
- Q. Mr. Davidson, please turn to Section D, Exhibit 8 of Exhibit RF-1. What does this exhibit represent?
- A. This exhibit presents the details underlying the selection of the contingency factor.
- Q. Can you explain what a contingency factor is?
- A. Yes. A contingency is defined as an uncertain, unexpected, or unforeseen event which may impact underwriting results. These events do not occur with predictable regularity yet result in differences between the expected cost estimates and the actual average costs which cannot be eliminated by other aspects of the ratemaking process. If these differences persist over time, a contingency provision to account for these differences should be reflected in the ratemaking calculations through the application of a contingency factor.
- Q. How is the contingency factor determined?
- A. In this instance, the contingency factor is determined by examining the historical Commercial Auto underwriting results of the Facility. Section D Exhibit 8 shows these results over the most recent 15 years, which is a long enough period to eliminate short term fluctuations in the results. After a careful review of these results, the Rating Committee chose to implement a contingency factor of 5%.
- Q. In your opinion, does this selection provide a reasonable margin for contingencies?
- A. Yes, in my opinion this is a reasonable selection.
- Q. Mr. Davidson, please turn to Section C and explain the purpose of this section.

A. Section C derives the proposed Facility territory base rates and presents the exhibits of revised Facility manual rate pages. Exhibit 2 refers to the Trucks, Tractors, & Trailers and related classes. Exhibit 3 refers to the Private Passenger Types classes. Exhibit 4 refers to the Auto Dealers classes. Exhibit 5 refers to the Zone Rated classes. The first two sheets of Exhibits 2 and 3 present the calculations of the revised territory base rates. Sheet 1 derives the territory base rates for 30/60 bodily injury coverage; Sheet 2 derives the territory base rates for \$25,000 property damage coverage.

Q. What is the purpose of Exhibit 1 of Section C?

A. Exhibit 1 summarizes the standard relativities used for determining revised rates for medical payments coverage and public automobile bodily injury and property damage liability coverage. This exhibit also summarizes the procedure for calculating the revised rates for hired cars coverage.

Q. Turning to Exhibit 2, Sheet 1 of Section C, would you explain the calculations on this exhibit?

A. This exhibit displays the calculations underlying the revised Facility territory base rates for Trucks, Tractors, & Trailers 30/60 bodily injury liability coverage. The revised Facility base rates are based upon the voluntary territory relationships that become effective on 3/1/2024. We base the revised Facility rates on the voluntary relationships because of the larger volume of voluntary experience and because we continue to believe, as we have in the past, that it is reasonable to assume that the Facility territory experience mirrors the voluntary territory relationships. Column 2 displays the voluntary base loss costs by territory in effect on that date. Column 4 displays these voluntary territory base loss costs indexed to the overall statewide average voluntary base loss cost. This index in column 4 is applied to the revised overall statewide average Facility base rate shown in the footnote. As an example, the revised rate for territory 111 is calculated by multiplying the index of 0.886 shown in column 4 by the overall statewide average base rate of 352.3937. The result of this calculation is \$312.221 shown in column 5; rounding column 5 to the nearest whole dollar yields a revised base rate for territory 111 of \$312 as shown in column 6. Column 7 shows the base rate change by territory. It is calculated by dividing column 6 by column 3, and reflects the +7.2% indicated change.

- Q. Are the revised Facility territory base rates for the other classes and coverages determined in a manner similar to the Trucks, Tractors, & Trailers bodily injury base rates?
- A. Yes, they are, for Trucks, Tractors, & Trailers property damage and for Private Passenger Types and Auto Dealers bodily injury and property damage, which are the only other class/coverages for which territory rates are determined.

Q. Please describe Sections E-G of Exhibit RF-1.

- A. The Reinsurance Facility's increased limits filing is contained in Sections E-G. The experience data contained in this section are reported to the NCRF by the individual companies.

The filing proposes to revise the North Carolina Reinsurance Facility increased limits factors for Commercial Automobile bodily injury liability and property damage liability insurance.

Q. What is the assumed effective date used in the calculation of these proposed increased limits factors?

- A. An effective date of April 1, 2024 was assumed in the compilation of the filing material. This is the same date assumed in the calculation of the proposed rates in Sections A-D of Exhibit RF-1.

Q. Is that in fact the proposed effective date?

- A. Yes, it is.

Q. What data are utilized in Sections E-G?

- A. The supporting data for the indicated increased limits factor changes in Sections E-G consist of accident year data. As previously described, accident year experience is compiled based on the year that the accident occurred.

Q. How are Sections E-G arranged?

- A. Section E presents a comparison of revised and current increased limit factors for selected policy limits. Section F contains detailed exhibits of the increased limits experience review. Section G presents the revised increased limits factors as they will appear in the North Carolina Reinsurance Facility Commercial Automobile Manual of Rules and Rates.
- Q. Mr. Davidson, please turn to Exhibit 1 in Section F. Would you explain the calculations in this exhibit?
- A. Exhibit 1, Sheet 1 of Section F presents the calculation of the indicated change in bodily injury increased limits factors (+1.0%). The indicated change is calculated by comparing the indicated average increased limits factor to the present average increased limits factor. The indicated average increased limits factor is calculated as the 5-year ratio of total limits losses (including allocated loss adjustment expense) to basic limits losses (including allocated loss adjustment expense). These losses have been developed to an ultimate settlement basis and trended from the average date of accident to twelve months beyond the anticipated effective date of April 1, 2024. Sheet 2 of this exhibit presents the calculation of the indicated change in property damage increased limits factors (+3.6%).
- Q. How were the losses trended to twelve months beyond the anticipated effective date?
- A. The developed losses (including allocated loss adjustment expense) have been multiplied by an exponential projection of annual average paid claim cost trend factors calculated in Exhibit 2 of Section F.
- Q. How are the developed losses obtained?
- A. Section F, Exhibit 4 presents the North Carolina Reinsurance Facility loss data. Sheet 1 shows the basic and total limits losses including allocated loss adjustment expense by class group separately for bodily injury and property damage. These losses are then developed to an ultimate settlement basis by applying the appropriate development factors shown in Exhibit 3. The results of this operation are displayed in Exhibit 4, Sheet 2.

The calculation of the development factors is performed in the same manner as previously described. Exhibit 1 of Section D presents the calculation of these factors.

Q. What is the significance of Exhibit 4, Sheet 3 of Section F?

A. After the losses (including allocated loss adjustment expense) have been developed to an ultimate settlement basis, the resultant values are then trended to twelve months beyond the anticipated effective date of April 1, 2024. The final trended values appear by class group on Sheet 3 of Exhibit 4. These final values are summed across class groups and the resultant numbers are used to obtain the indicated average increased limits factors in Exhibit 1.

Q. How are the present average increased limits factors calculated?

A. The present average increased limits factors are calculated as a weighted average of the increased limits factors which are currently in effect for the North Carolina Reinsurance Facility. Exhibit 5, Sheets 1 and 2 present the weights which are used. These weights are based on the basic limits loss distribution for risks ceded to the Facility, which uses losses (including allocated loss adjustment expense) reported to ISO from calendar accident year ending 06/30/2018 through calendar accident year ending 06/30/2022.

Q. Turning to Section G - Revised Increased Limits Tables, how are the individual increased limits factors calculated?

A. The actual indicated factors are calculated using a uniform excess change procedure. In this procedure, rather than multiply each factor by a desired percentage change, the excess portion of each increased limits factor is multiplied by a factor specifically calculated to achieve the desired overall percentage change in the increased limits factors.

For example, the indicated total limits percentage change for the bodily injury increased limits factors is +1.0%. This is calculated in Exhibit 1, Sheet 1 of Section F as the indicated average factor divided by the present average factor minus unity ($3.463/3.428 - 1 = +1.0\%$). In order to achieve this percentage change, a uniform excess change factor is calculated by dividing the indicated average excess portion ($3.463 - 1.000 = 2.463$) by the present average excess portion

$(3.428 - 1.000 = 2.428)$. The result of this calculation ($2.463/2.428 = 1.014$) is the factor used to develop the indicated excess portion of each individual increased limits factor.

For a specific example of this calculation, let's look at the current bodily injury increased limits factor for a Heavy Truck with a \$100,000/\$300,000 policy limit (1.82). The excess portion of this factor ($1.82 - 1.00 = 0.82$) is multiplied by the uniform excess change factor ($0.82 * 1.014 = 0.83$) to obtain the indicated excess portion of the increased limits factor. The indicated increased limits factor is then obtained by adding the base portion back to give the revised increased limit factor ($0.83 + 1.00 = 1.83$). This results in a change of +0.5% ($(1.83/1.82) - 1 = +.005$) in this factor.

After the indicated factors have been calculated, a weighted average of these factors is calculated to ensure that the desired percentage change is achieved.

Q. Was the desired percentage change achieved?

A. Yes. The overall effect of the revised increased limits factors displayed in Section G, based on the loss distribution shown in Section F - Exhibit 5, is +1.0% for bodily injury and +3.6% for property damage.

Q. Turning to Section H - Publics Relativities, what data are utilized in this section?

A. With respect to Section H, the data for the Publics relativities changes for bodily injury liability and property damage liability are five accident years of premium and loss experience for each of the Publics class groups - Taxis and Limousines, School and Church Buses, and Other Buses - as well as five accident years of Trucks, Tractors, and Trailers premium and loss experience.

The five years of experience used in the filing are the accident years ending December 31, 2018 to December 31, 2022. The years are the latest available.

Q. How are the revised Publics relativities calculated?

A. The ratio of the Basic Limit Losses to the Aggregate Loss Costs at current level was calculated for each of Taxis and Limousines, School and Church Buses, and Other Buses. Each of these ratios was then divided by the ratio for Trucks, Tractors, and Trailers to determine if the current relativities needed to be increased or decreased. For example, in Exhibit 1, the 0.664 ratio calculated for Taxis and Limousines BI divided by the 0.913 ratio calculated for Trucks, Tractors, and Trailers BI resulted in the change of -27.27%. The current relativity for each Publics class was then multiplied by the corresponding change to obtain the revised relativities. For example, for Taxis and Limousines BI, the -27.27% was multiplied by the current relativity 6.35 to obtain the revised relativity 4.62 in Exhibit 3.

Q. Do you have an opinion as to whether the data utilized and the method of calculating the filed rate level changes contained in the filing are sound and actuarially reliable and if so, what is that opinion?

A. Yes. In my opinion they are sound and actuarially reliable.

Q. Do you have an opinion as an actuary as to whether the filed rate level changes are fully justified and result in rates that are neither excessive, inadequate, nor unfairly discriminatory, and if so, what is that opinion?

A. Yes. In my opinion they are fully justified and result in rates that are neither excessive, inadequate, nor unfairly discriminatory.

Q. Does that conclude your pre-filed testimony?

A. Yes.

PRE-FILED TESTIMONY
OF
ALYSSA A. IRVING

2023 COMMERCIAL AUTOMOBILE INSURANCE
RATE FILING
BY THE NORTH CAROLINA REINSURANCE FACILITY
October 2023

Q. Please state your name and business address for the record.

A. **Alyssa Irving**
Wellington Management Company LLP
280 Congress Street
Boston, MA 02110

Q. By whom are you employed?

A. **Wellington Management Company LLP**

Q. In what capacity?

A. **My formal title is Senior Managing Director, Fixed Income Portfolio Manager. I am a Fixed Income Portfolio Manager on the Financial Reserves Portfolio Management Team.**

Q. What are your duties in your roles at Wellington Management Company LLP?

A. **As a fixed income portfolio manager I am responsible for managing U.S. Broad Market portfolios for clients, such as insurance companies, with customized risk and return objectives, often related to accounting and/or regulatory constraints.**

Q. Is it correct that Wellington Management Company LLP is an investment manager handling investable assets of the North Carolina Reinsurance Facility (the Facility)?

A. **Yes.**

Q. As investment manager for the Facility, does Wellington Management Company LLP have discretionary investment authority over the Facility's funds?

A. **Yes, as permitted by the Investment Management Agreement between the North Carolina Reinsurance Facility and Wellington Management Company LLP.**

Q. What is your role personally with respect to the Facility's investment account?

A. **I am the lead Portfolio Manager responsible for managing the Facility's investment portfolio according to the investment guidelines set forth in the Investment Management Agreement. I am responsible for all buy and sell decisions executed in the portfolio.**

Q. How long have you been employed by Wellington Management Company LLP?

A. **I joined Wellington Management Company LLP in 2006.**

Q. How long have you been employed by Wellington Management Company LLP in the division or department which specializes in fixed-income investments?

A. **I have been involved in our fixed income business since joining the firm in 2006.**

Q. How long has Wellington Management Company LLP managed the Facility's investment portfolio?

A. **Wellington was engaged by the Facility on October 1, 2009.**

Q. How long have you personally been the portfolio manager for that account?

A. I have been a member of Financial Reserves portfolio management team since 2012, and I assumed the lead Portfolio Manager role for the NCRF portfolio in December 2015.

Q. In connection with the Facility's 2023 Commercial Automobile Insurance rate filing, has the Facility requested that you make any calculations concerning the investment yield that the Facility could reasonably expect during the two-year period beginning April 1, 2024?

A. Yes.

Q. Did you make those calculations?

A. Yes, working in conjunction with Wellington's internal fixed income quantitative analysts.

Q. Would you please describe how your calculations were performed?

A. To determine the investment yield that the Facility could reasonably expect during the two-year period beginning April 1, 2024, we employed a security-level book yield projection approach, rolling forward the book yield on the Facility's investment portfolio as it stood on July 31, 2023 as a starting point. The book yield projection incorporates the actual book yield of the existing assets held in the portfolio and also a reinvestment yield associated with projected principal (maturity and pre-payments) and coupon cash payments projected to be received going forward. We assume that projected future cash flows (principal maturities, prepayments, paydowns and coupon payments) are reinvested at a yield which reflects the portfolio's performance benchmark yield as it stood on July 31, 2023 adjusted for lower expected reinvestment rates consistent with the US Treasury forward curve as it existed at the time the estimate was developed. We used the benchmark yield because we believe this yield represents a good approximation of the mix of assets that would be

purchased in the portfolio. Using this methodology, the projected month-end portfolio book yield was calculated for each month during the two-year period beginning April 1, 2024 and the resulting yields for these 24 months were then averaged to arrive at the estimate of the Facility's portfolio yield for the overall time period.

Q. What was the result of your calculations?

A. Our calculations resulted in an estimated investment yield of 3.22%.

Q. Do you have an opinion as to whether the 3.22% investment yield estimate that is based on your calculations and the assumptions used in your methodology is a reasonable estimate of what the Facility's investment yield will be?

A. Yes.

Q. What is that opinion?

A. I believe the yield estimate is a reasonable estimate of the Facility's investment portfolio yield during the two-year period beginning April 1, 2024, based on the information available when we made the calculations.

Q. Does that conclude your pre-filed testimony?

A. Yes.